



6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

HEI Input :

2020-21	2019-20	2018-19	2017-18	2016-17
37	34	34	77	89



Year 2016-2017

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
29-12-2016 To 09-01-2017	Faculty Development Program on "Control of Pneumatic Valves"		6
08-05-2017 To 12-05-2017	Faculty Training Program On Android Skilling		7
05-06-2017 To 16-06-2017	Faculty Development Programme on Emerging Trends in Engineering, Sciences and Management		6
30-06-2016 To 07-07-2016	FDP on "Human Values and Professional Ethics		10
07/02/2016	National Program on Technology Enhanced Learning (NPTEL) awareness workshop		15
18-07-2016 To 22-07-2016	STC on Classroom Teaching for Soft Skill Development		17
11-07-2016 To 12-07-2016 (Online)	Spoken Tutorial - Making India IT Literate (FDP on LATEX)		12
07/08/2016	India Skills Competitions - 2016 (Skill of Mechatronics)		2
13-07-2016 To 15-07-2016	Entrepreneurship Educator Program		5
11-07-2016 To 15-07-2016	QIP short term course		4
4-07-2016 To 8-07-2016	QIP Short term course on "Mathematical Analysis and Applications"		4
29-08-2016 To 2-09-2016	STC ON "Open Source Technologies"		22

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22-08-2016	EXPERT LECTURE ON NETWORK THEORY: BASICS & APPLICATIONS		2
26-11-2016 To 10-12-2016	Instructor Training Program on CCNA 1&2 (Routing & Switching)		5
19-09-2016 To 23-09-2016	Workshop on "CMOS, Mixed Signal and Radio Frequency VLSI Design"		8
26-10-2016	Industrial trip to Advanced Level Telecom Training Centre (BSNL)		1
19-12-2016 To 30-12-2016	National Faculty Development Program on Entrepreneurship		6
21-12-2016 To 23-12-2016	Entrepreneurship Educator Program		2
7-11-2016 To 9-11-2016	INDIA - UK TECH SUMMIT 2016		1
25-01-2017	51st Annual Convention - CSI: 2016		2
08/10/2016	National Conference on "Energy Security for India - Creating a Biofuel Economy"		1
4-01-2017 To 5-01-2017	Workshop on Open Modelica - Simulation & Modelling		2
31-01-2017	Workshop on The Role of NPTEL Local Chapters in the Development of Online Courses		6
23-02-2017	IIRS User Interaction Meet (IUIM - 2017)		5
6-02-2017 To 10-02-2017	Short Term Course on Developing Values, Attitudes and Managerial Skills in Teachers		2
20-03-2017 To 24-03-2017	Short Term Course on "Embedded World"		2
12/09/2016	ETV on Air Dialogue on "Unlocking India's Digital Potential"		5
30-03-2017	Orientation Workshop of the Remote Centre Coordinators		6

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7-02-2017	Invest Japan Symposium		2
18-01-2017	Awareness Workshop for Smart India Hackathon		5
1-05-2017 To 5-05-2017	One Week ISTE STTP for Coordinators on "ELECTRIC POWER SYSTEM"		4
21-09-2016	Industrial visit to Moon Beverages Limited		1
23-02-2017	India for Innovation Series: ED - TECH Innovation for Impact		5
20-02-2017 To 24-02-2017	Short Term Course on "Advance DSP with MATLAB"		4
24-04-2017 To 25-04-2017	International Conference titled 'Skills in Management and Applied Sciences'		8
15-04-2017	9th EDUConvEx On Leveraging English Language to Enhance Subject Learning		5
03/04/2017		workshop on DELNET Discovery Services, Open source Software & Communication Skill for LIS Professionals	7
16/12/2016	Smart India Hackathon 2017		1
13-06-2017 To 20-06-2017	Refresher Workshop on Human Values & Professional Ethics		2
27-06-2016- 1-07-2016	One Week FDP on "Network and Cyber Security		7
21-07-2016		Awareness Session on "STROKE"	2
12-Apr-17	Seminar on Evolving Integrated Geospatial Policy and Strategy for India		3
22-05-2017	Workshop on Emerging Technologies in Electronics and Communication		6
18-05-2017	workshop on Prime Minister's Special Scholarship Scheme (PMSSS)		7

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14-06-2017	6th AITMC Annual Global Summit 2017		4
21-06-2017		International Yoga Day	5
12-06-2017 To 23-06-2017	Meet the IIT Faculty (MTF) sessions		1
04/10/2017	Visit to Foundation for Innovation and Technology Transfer (FITT) IIT Delhi		4
26-08-2016	IOT Project Presentation & Award Ceremony		2
7-09-2016 To 9-09-2016	Renewable Energy India Expo		2
6-03-2017 & 7-03-2017	Training on “vCampus”		4
7-12-2016 To 11-12-2016	India International Science Festival (IISF)		2
20-01-2017 To 23-01-2017	Innovation Festival- 2017		2
07/04/2016		Plantation Program under Green UP - Clean UP	25
27-07-2016	Visit to Alpha - I Diksha Charitable School		6
27-08-2016	Visit to Agra		4
26-08-2016	Industrial Visit to Multitex Filtration Engineers Ltd., Greater Noida		1
26-08-2016	Industrial Visit to Noida Metro Rail Corporation (NMRC)		2

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08/09/2016		Celebrating Quit India Movement Day 2016	4
08/05/2016	Industrial Visit to National Small Industries Corporation (NSIC) Okhla, New Delhi		2
30-09-2016		Awareness Session on Heart Diseases	3
30-09-2016	Industrial Visit to Aprtron Solutions Pvt. Ltd.		1
26-09-2016	Industrial Visit Essco Sanitations Pvt. Ltd.		1
09/09/2016	Industrial Visit to Honda Cars India Ltd., Greater Noida		1
09/09/2016	Industrial Visit to Multitex Filtration Engineers Ltd, Greater Noida		1
09/07/2016		Blood Donation Camp	4
09/02/2016	Industrial Visit at Aprtron Solutions Pvt. Ltd		1
14-10-2016	Industrial Visit to Mother Dairy		2
10/07/2016	Industrial visit to Yakult Danone India Pvt. Ltd.		2
18-11- 2016		Health Awareness Session on Diabetes	2
11/10/2016	Industrial Visit to Aprtron Solutions Pvt. Ltd.		2

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23-02-2017	Industrial visit to Ps Agritech Pvt. Ltd., Sikandrabad		1
23-02-2017	Industrial Visit to Jaypee Cement Grinding Plant, Sikandrabad		1
23-02- 2017		seminar on "Importance of the Intestinal Micro Flora in Health and Disease" and "Role of Probiotics in Maintaining Good Health"	2
16-02-2017	Industrial Visit to National Small Industries Corporation Limited, Okhla		2
03/05/2017		Vishwas Rehabilitation Centre, Greater Noida	3
22-04-2017	visit to IIT Delhi - Open House 2017		2
14-04-2017		Baba Saheb Ambedkar Jayanti	2
04/07/2017	An Educational Tour To Indian Institute of Remote Sensing (IIRS), Dehradun		3
04/07/2017	Industrial Visit on ECO - VISION Pvt. Ltd., Greater Noida		2
04/05/2017	industrial visit to BOSCH Training Center, New Delhi		2
30-05-2017	Hypertension Awareness Talks and Health Checkup Camp		4

Year 2017-2018

Dates (From-To) (Dd-Mm-Yyyy)	Title Of The Professional Development Program Organised For Teaching Staff	Title Of The Administrative Training Program Organised For Non-Teaching Staff	No. Of Participants
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21-02-2018	Seminar on "Matlab And Simulink For Predictive Analytics, Signal Processing & Controls Applications"		3
8-03-2018 - 9-03-2018	A Two Day Workshop On "Basics Of Foundry Practice"		1
8-02-2018 - 11-02-2018	Weaving Synergy - Spot The Innovation		2
04/10/2018	Mhrd-Aicte Workshop On Social Media- Uses & Effect		4
3-07-2017 - 15-07-2017	Summer Training Program On Integrated Automation Technologies		2
23-01-2018 - 18-02-2018	College To Corporate Programme		1
07/08/2017	Expert Talk On "E-Mobility"		1
25-08-2017		Awareness Cum Education Programme On Positivity And Balanced Life For Digital Youth	2
28-11-2017 - 20-12-2017	Residential Teachers Training Programme		1
04/12/2018	Innovation Budge - 2018		2
03-07-2017 - 13-07-2017	Summer Training On Applications Of Matlab For Engineering Computation		2
21-08-2017 - 15-09-2017	Iirs Outreach Programme On "Remote Sensing And Digital Image Analysis"		2
19-08-2017 - 20-08-2017	Aicte-Fdp-101x Foundation Program In Ict For Education		30

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16-09-2017 - 17-09-2017	Aicte Approved Fdp – “Pedagogy For Online And Blended Teaching-Learning Process (Fdp201x)”		16
10-Dec-2017	"Scilab- Lecture Demonstration"		17
7-10-2017 - 8-10-2017	AICTE Approved FDP on Pedagogy For Online And Blended Teaching-Learning Process (Fdp201x)		16
30-11-2017 - 7-12-2017	Workshop On Universal Human Values And Professional Ethics		2
10-01-2018 - 17-01-2018	8 Days Workshop On Universal Human And Professional Ethics		6
15-07-2017	Nptel Spoc Workshop Cum Felicitation		2
16-02-2018 - 18-02-2018	Workshop on Microcontroller Design (Msp430)		9
03/11/2017	Workshop on Nc Guide Software (Cnc Simulator)”		2
26-04-2018	IITB A-View Interaction With Coordinators		1
28-05-2018 To 4-06-2018	8 Day Workshop On "Universal Human And Professional Ethics"		1
20-05-2018	Computer Society Of India: Special Annual General Body Meeting		1
20-01-2018	Nptel Awareness Workshop		5
19-01-2018	Master Training Workshop On Spoken Tutorial		1
08/04/2017	Industrial Visit To Moon Beverages Limited		1
29-09-2017	Industrial Visit To Ssv Rubber Private Limited (Solar Division), Ghaziabad		1
25-09-2017		Workshop On "Master Your Mind"	2

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22-09-2017	An Industrial Visit To Hexagon Geospatial (Intergraph Sg&I India Pvt. Ltd) Gurgaon		1
22-09-2017	An Industrial Visit To Denso Haryana Pvt. Ltd., Jhajjar		1
22-09-2017	Visit To Centre For E-Governence (Ministry Of Electronics & Information Technology)		1
15-09-2017	Visit To Electronica India 2017 Laser Photonics-2017 Productronica India 2017		1
4-07-2017 - 11-07-2017	Faculty Development Program On Universal Human Values & Professional Ethics		4
24-03-2018 - 25-03-2018	Aicte Approved Faculty Development Program		1
5-06-2018 - 15-06-2018	Summer School On Staad Pro V8i		1
09/11/2017		Pm Address On Young India	4
09/07/2017		Essay Competition On Essay Competition On "Mai Swakchhta Ke Liye Kya Karunga/Karungi"	2
2-11-2017 & 3-11-2017		Thalassemia Awareness Session & Blood Donation Camp	2
11/02/2017	Vigilance Awareness Week-2017		2
31-01-2018 To 8-02-2018		1st Khelo India School Games	4
19-01-2018	Visit To Vishwas Rehabilitation Centre		1
16-02-2018		Awareness Session On Hypertension & Blood Sugar	2
16-02-2018		Prime Minister's Interactive Session : 'Pariksha Pe Charcha'	2
16-02-2018	Site Visit To Progressive Buildcon Pvt. Ltd.		1

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02/09/2018		Interactive Session On " Beat The Stress - Be Your Best "	2
02/09/2018	Auto Expo Component - 2018		3
02/06/2018	A Session On "Talk By Eminent Personalities"		5
02/03/2018	Visit To Moon Beverages Limited		1
15-03-2018		Seminar On "Importance Of The Intestinal Micro Flora In Health And Disease" And "Role Of Probiotics In Maintaining Good Health"	2
14-03-2018 - 17-03-2018	Survey Camp Cum Educational Trip To Pandoh Dam And Bcw, Mandi, Himachal Pradesh		2
03/12/2018	Visit To Elecrama-2018		1
03/08/2018	Women Startup Summit- Leadership Insights		1
03/08/2018	Delhi Women Leadership Summit : 2018		1
21-04-2018	Visit To Open House 2018		1
20-04-2018	An Industrial Visit To Wpil Ltd., Ghaziabad		1
6-04-2018 - 7-04-2018	1st Round Presentation Of Ideas For Innovation Gallery		1
09/12/2017	"Shodharth 2017"		6
5-04-2018 - 6-04-2018	Tech-O-Tonic 2018		2
04/05/2018		Cii - Drfhe Awareness Session On Gastrointestinal Disorders	1
25-05-2018	4th Smart Cities India 2018 Expo		2

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21-06-2018		International Yoga Day	4
28-11-2017 - 20-12- 2017	Induction Training Programme		1
28 -12- 2017	T&P Officers Workshop Cum Meeting		1
18-08-17		Visit To Centre For E-Governance	1
25-08-17		Awareness Cum Education Programme On Positivity And Balanced Life For Digital Youth	2
25-08-17	Industrial Visit To Alttc - Bsnl, Ghaziabad		1
25-08-17	Industrial Visit To Multitex Filtration Engineers Ltd, Greater Noida		1
25-08-2017	Industrial Visit To Ashtech Industries Pvt. Ltd. (Ready-Mix Concrete Plant)		1

Year 2018-2019

Dates (From-To) (DD-MM-YYYY)	Title Of The Professional Development Program Organised For Teaching Staff	Title Of The Administrative Training Program Organised For Non-Teaching Staff	No. Of Participants
9-07-2018 - 14-07-2018	Six Days Workshop On "Robotics And Embedded System"		2
4-07-2018 - 5-07- 2018	Workshop On VHDL Programming		2
2-07-2018 - 3-07-2018	Workshop On Introduction To Proteus Design Tool		2

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17-06-2019 - 22-06-2019	Short Term Course On Introduction To Programming : A Pedagogical Approach		1
9-07-2018 - 20-07-2018	Program On Core JAVA		4
29-11-2018	FACILITATION WORKSHOP ON DST-NIMAT PROJECT		2
15-03-2019	One Day Main Workshop On Moodle Learning		5
16-07-2018 - 21-07-2018	One Week Summer Workshop On AUTOCAD		1
26-04-2019 - 27-04-2019	Two-Days E-Yantra Workshop On Introduction To Robotics		5
09/01/2018	One Day Workshop On Web Development		2
24-06-2019 - 25-06-2019	Workshop On Smart Classroom		1
21-07-2018 - 22-07-2018		Summer Workshop : Life By Design	4
24-08-2018	Visit To Sewage Treatment Plant, Govindpuram (Ghaziabad)	Visit To Sewage Treatment Plant, Govindpuram (Ghaziabad)	2
28-09-2018	One Day Program On Preparing Students For Job Interviews		1
26-10-2018 - 29-10-2018	Tech-O-Tonic		1
26-10-2018	Site Visit To B.S. Buildtech Pvt. Ltd.	Site Visit To B.S. Buildtech Pvt. Ltd.	2
10/01/2018	Celebration Of IEEE Day-2018		2
28-02-2019	Industrial Visit To Ashtech Industries Pvt. Ltd.	Industrial Visit To Ashtech Industries Pvt. Ltd.	2
3-02-2019 - 5-02-2019	23rd International Engineering & Technology Fair (IETF)		2

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02/02/2019	Industrial Visit To Huawei Telecommunications Gurgaon	Industrial Visit To Huawei Telecommunications Gurgaon	2
21-06-2019		International Yoga Day	15
08/07/2018		Tree Plantation Program	6
15-08-2018		Independence Day 2018 Celebration	12
21-08-2018		Awareness Program On Dermatology	5
31-08- 2018		Police Ki Pathshala	4
19-09-2018	Renewable Energy India Expo	Renewable Energy India Expo	2
26-10-2018	Session On Hypertension	Session On Hypertension	7
25-01-2019		IRSC (Indian Road Safety Campaign)Workshop	1
19-01-2019	Nptel : Spoc Felicitation Cum Awareness Workshop		2
05/04/2019	One Day Workshop On Scilab		3
22-06-2019	Workshop On Python		22

Year 2019-2020

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
09/06/2019	Awareness program on "Support for Entrepreneurial and Managerial Development of MSMEs through incubators"		1
30-08-2019 - 1-09-2019	3-Days Management Development Program on "Effective Communication for Managerial Success"		1

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6-09-2019 - 8-09-2019	3 - Days Management Development Program on "Design Thinking for Strategy and Innovation"		1
16-12-2019 - 27-12-2019	National Faculty Development Program on Entrepreneurship		1
21-02-2020 - 23-02-2020	3 - Days Education Professionals' Development Programme		1
21-09-2019	Workshop on eSim, first course in the IoT series for teachers		1
01/11/2020	Workshop on Combating Fraud Activities using Data Science		1
12/04/2019	BMW SKILL NEXT Workshop on "Technical Skilling"		1
16-05-2020	Workshop on "Effective and Efficient Online Teaching in the Age of Corona"		2
08/03/2019	SPOC Felicitation Cum Awareness Workshop of NPTEL		1
26-09- 2019	Industrial visit to Yakult Danone India Pvt. Ltd.	Industrial visit to Yakult Danone India Pvt. Ltd.	2
17-08-2019	Cisco Networking Academy Workshop on Computer Network		6
7-01-2020 - 8-01-2020	e-Yantra workshop on "Introduction to Robotics"		6
21-09-2019	Workshop on eSim		1
19-10-2019 – 23-10- 2019	Survey Camp to Pandoh Dam, Mandi, Himachal Pradesh	Survey Camp to Pandoh Dam, Mandi, Himachal Pradesh	2
16-11-2019	Industrial Visit To VStacks Infotech Pvt. Ltd., Noida	Industrial Visit To VStacks Infotech Pvt. Ltd., Noida	2
02/08/2020	One Day Workshop on Arduino For Teachers		1
6-02-2020 - 9-02-2020	Visit to Auto Expo Component 2020		1

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09/04/2019	Industrial Visit to SSV Rubber	Industrial Visit to SSV Rubber	2
23-08-2019	Workshop on LINUX		2
17-08-2019	Cisco Networking Academy Workshop on Computer Network		6
16-08-2019	Workshop on Computer Network		1
08/03/2019	Coordinators' Workshop on LINUX		1
21-09-2019	Workshop on eSim, first course in the IoT series for teachers		1
12/02/2019	Orientation-cum-Workshop - Unnat Bharat Abhiyan 2.0		4
29-02-2020	Workshop on C & C++		1
02/08/2020	workshop on Arduino, a course in the IoT series for teachers		1
9-09-2019 - 13-09-2019	Short Term Course On "Internet of Things"		1
17-12-2019	Workshop on R		1

Year 2020-2021

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
15-03-2021 - 6-04-2021	Faculty Entrepreneurship Development Program (FDP)		1
5-04-2021 - 10-04-2021	FDP on "Advance Excel with Data Visualization"		1
6-07-2020 - 11-07-2020	FDP on "Mobile Application Development"		25
11-01-2021 - 16-01-2021	One Week Workshop on Hardware Programming Using Arduino		1
7-04-2021 - 13-04-2021	Online Refresher/Induction Programme on "Use of ICT in Engineering Education"		6
18-01-2021 - 22-01-2021	One Week Workshop on PHP		2
29-09-2020	Webinar on Significance of 5G Technology		4

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09/11/2020		ATMANIRBHAR BHARAT (TOY MAKING)	2
10/03/2020	Webinar on "3D PRINTING & 3D DESIGNING"		4
26-12-2020	Webinar On "VLSI Design: Techniques & Recent Trends"		1
20 Faculty	One Week Workshop on PHP		20
21-12-2020	Guest Lecture on "How to Manage Money : Being Investor in NSE"		1
14-05-2021 - 15-05-2021	Webinar on "Getting Started with Problem Solving"		1
25-01- 2021		DRON KAVYAM	8
17-02-2021 - 19-02-2021	Three days Workshop on "Rural Entrepreneurship and Rural Start-Ups"		2
03/08/2021		International Women's Day	6
21-06-2021 -26-06-2021	APPLIED MICROSOFT .NET FRAMEWORK PROGRAMMING		22
21-06-2021		INTERNATIONAL YOGA DAY	5
23-07-2020		Awareness Program on "Expert guidance on prevention of Heart Diseases during Covid Times"	1
3-11-2020 - 12-11-2020		Strengthening Your SOFT SKILLS in the Workplace	2
11/04/2020	guest lecture on "Impact of Covid-19 on Indian Economy"	guest lecture on "Impact of Covid-19 on Indian Economy"	3
12/02/2020		Expert Talk "Happiness By Choice"	2
12/05/2020	Webinar on " Aspects of Physics For Engineering Students "		1
31-12-2020		Expert Talk on Personality Development	2
16-01-2021	Design Factory		1
1-05-2021 - 10-05- 2021		Pranayama and Meditation Session by "Art of Living"	1

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13-02-2021	One-day Pilot Workshop on DSpace		2
Jul-20	Material Processing		10
Jul-20	Mind Control: Managing Your Mental Health During COVID-19	Mind Control: Managing Your Mental Health During COVID-19	35
Jul-20	Tricky English Grammar		1

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Affiliated to : Uttar Pradesh Technical University, Lucknow

Academic Session 2020-21

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(6.3.3) Event Report 2020-21

Name of the event: Awareness Programon“DRY EYE”

No. of faculty members attending the session: 5

Summary of the event: *Dronacharya Group of Institutions, Greater Noida* in association with *HEDUCATE SOULTION* (Denoting Health and Education) organized an online awareness session on “*Dry Eye*” under the banner of *DGI NSS Wing* on *15th July, 2020*. The objective of the event was to raise awareness about Dry eye.

Dry eye is a condition where the eyes do not produce enough tears or of the needed quality. It not only affects the patient’s vision, but also disturbs their quality of life, causing anxiety and even depression, often affecting their professional productivity. The session started with the welcome address of the Resource Person *Dr. Prerna Matta, Glaucoma Specialist, Tirupathi Eye Centre* by *Dr. Jaswinder Kaur, Faculty of DGI GN*.

Dr. Prerna Matta said that Dry eye syndrome is a chronic and typically progressive condition. Depending on its cause and severity, it may not be completely curable. But in most cases, dry eyes can be managed successfully, usually resulting in noticeably greater eye comfort, fewer dry eye symptoms, and sometimes sharper vision. Dry eye disease can have a number of causes, and a variety of treatment approaches are used.

Dr. Prerna Matta discussed that for mild cases of dry eyes caused by computer use, reading, schoolwork and other situational causes, the best dry eye treatment may simply be frequent use of artificial tears or other lubricating eye drops.

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She recommended gently cleaning the eyelids before bedtime to kill bacteria that can cause blepharitis and meibomian gland problems, which can contribute to dry eye symptoms. For at least 20 seconds, apply a wet, moist washcloth to your closed lids. Then, using a gentle cleanser like diluted baby shampoo or pre-moistened eyelid wipes from the drugstore, gently wash your lids and lashes.

She laid emphasis on, when outdoors in daylight hours, always wear sunglasses that block 100% of the sun's UV rays. For the best protection, choose sunglasses that also feature a wrap-style frame to protect your eyes from wind, dust and other irritants that can cause or worsen dry eye symptoms.

Prof. Vineet Mishra, Registrar, Prof. S.K. Srivastava, NSS Program Co-ordinator, all faculty members and students attended the online session.

Dr Prerna Matta concluded her session by solving the queries of the participants. The online session came to end with the *Vote of thanks by Dr.S.K.Srivastava to Dr Prerna Matta, Mrs Sheila (Director) Heducate Solutions* and her team members.

Online awareness session on “Dry Eye”

DRONACHARYA
Group of Institutions

Online Awareness Session
on
“DRY EYE”

Organized by
**Department of Applied
Sciences & Humanities**

**15 July, 2020
3PM - 4PM**

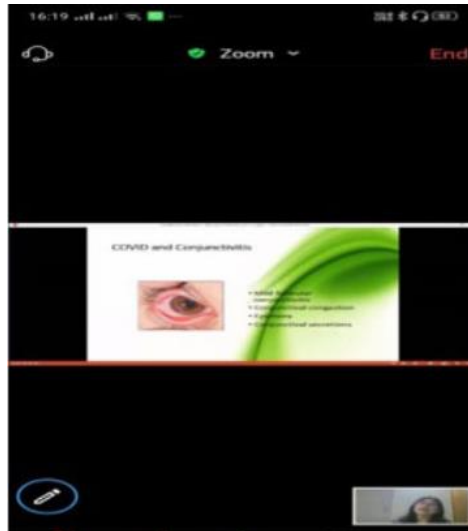
gnindia.dronacharya.info

Dr. Prerna Matta
Glaucoma Specialist,
Tirupathi Eye Centre

Director
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Zoom meeting on eye care during Covid



Link of the event: <https://gnindia.dronacharya.info/events/Awareness-Program-on-Dry-Eyes.aspx?Month=Jul&Year=2020>

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Name of the event: Webinar on Significance of 5G Technology

Date of the event: 29-09-2020

No. of Participant: 4

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized the online webinar on “**Significance of 5G Technology**” on **29th September 2020**. **Dr. Hajar Binti Ja'afar**, Senior Lecturer, Faculty of Electrical Engineering, Universiti Teknologi MARA (Terengganu), MALAYSIA was the eminent speaker.

Prof. (Dr.) Arpita Gupta - Director DGIGN welcomed the guest. After a short welcome speech, she handed over to **Dr. Hajar** to take the charge.

Dr. Hajar started with the discussion on the evolution of wireless networks towards 5G, the next generation of cellular technology, brings exceptional communications capabilities for utilities and opens new opportunities for collaboration with mobile network operators with recent industrial applications.

She also highlighted on the new mobile technology, 5G, challenges the current scenario in communications by overcoming the flaws of currently working 4G. Such new technology offers to smart cities and intelligent transportation systems a new way to become fully integrated by allowing massive simultaneous connections and ubiquity of network, even under high mobility situations or dense populated areas.

The webinar was knowledgeable as students got to know the recent technology.

The session ended with a vote of thanks.

The poster is for a webinar titled "Significance of 5G Technology". It features a photo of Dr. Hajar Binti Ja'afar, a senior lecturer at Universiti Teknologi MARA, Malaysia. The text on the poster includes the Dronacharya Group of Institutions logo, the event title "WEBINAR on Theme: Get Corporate Ready Topic: 'Significance of 5G Technology'", the date "29th September, 2020" from "10 AM - 11 AM", and the speaker's name and affiliation. The website "gnindia.dronacharya.info" is also listed.

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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: ATMANIRBHAR BHARAT (TOY MAKING)

Date of the event: 11/9/2020

No. of Participant: 2

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized the event "**ATMANIRBHAR BHARAT (TOY MAKING)**".

The event was organized to promote ATMANIRBHAR BHARAT (TOY MAKING) under **The Theme of Local to Global** where students have participated and made their innovative toys with the household products.

The registration started from 9th -11th September 2020 where students have to register themselves for participating in the event.

And Students came up with their innovative ideas and they have also explained about their toys which they have made.

The result was announced on 22nd September, 2020 under the rules and regulation of the competition.

Here, the winners name:

1. Smita Singh (13103) - 1st Prize
2. Divyanshu Agarwal(14016) - 2nd Prize
3. Hrithik Soni (14274) - 3rd Prize

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LAST DATE OF REGISTRATION :
11th Sep, 2020

Event Theme:
LOCAL TO GLOBAL

PRIZES:

- 1 **RS. 5000**
- 2 **RS. 3000**
- 3 **RS. 2000**

FACULTY COORDINATOR	STUDENT COORDINATOR
1. RICHA JAISWAL - 9910380105 2. SWATI TYAGI - 9873150906	1. MANSIJ KAUR - 9871719699 2. PRANAV UNIYAL - 9540306799

PARTICIPATE AND UPLOAD YOUR VIDEOS ON OUR FACEBOOK & INSTAGRAM PAGE


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CONGRATULATIONS

WINNERS OF LOCAL TO GLOBAL

- 1 **SMITA SINGH**
13103 | 5th Sem - CSE
- 2 **DIYANSHU AGRAWAL**
14016 | 3rd Sem - CSE
- 3 **HRITHIK SONI**
14274 | 3rd Sem - ME

Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](http://dgi.ac.in)


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Name of the event: Webinar on "3D PRINTING & 3D DESIGNING"

Date of the event: 3/10/2020

No. of Participant: 4

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized the online webinar under the Theme of "Get Corporate Ready".

The webinar was conducted on **03rd October, 2020**. Technical expert was **Mr. Vipin Sharma from High Clouds**. He was welcomed by **Prof. (Dr.) Arpita Gupta -Director DGIGN**. After a short welcome speech, she handed over to the technical expert to take the charge.

High Clouds are STEM Education company established in 2019. They acknowledge the availability of various resources & opportunities, especially related to STEM. But all such resources are uncluttered, scattered & not yet optimized for individuals (science hobbyists), students, schools & institutes. They aim to fix that & provide the most efficient one-stop solution for all your STEM needs no matter where you are in India.

Their every member in their team has been passionate about STEM fields like 3D Printing, Robotics, IoT, Mechatronics, Virtual Reality, and Programming.

They covered all the concepts, practical steps & mechanisms involved in Rapid Prototyping & Additive Manufacturing and have direct tie-ups with international leaders in 3D Designing & Printing domain i.e. they have **tie-ups with Creality, SelfCAD & 3D Doodler**. When it comes to 3D Designing, their team of professionals is directly trained by SelfCAD itself.

Mr. Vipin Sharma aimed to train the student's on the basics of 3D Printing & Designing. He has also given **live demonstrations on SelfCAD software** to teach them how to build a 3D model.

Apart from that, he has **also demonstrated all the necessary steps involved in setting up a 3D Printer to get a 3D model printed**.

It really helped the students to bridge the gap between Academics and Corporates.

The session ended with a vote of thanks.

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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: Webinar On “VLSI Design: Techniques & Recent Trends”

Date of the event: 26-12-2020

No. of Participant: 1

Summary of the event:

IEEE Student Chapter, Dronacharya Group of Institutions, Greater Noida organized a webinar on **VLSI Design: Techniques & Recent Trends** on **26th December 2020**. **Mr. Utkarsh Mishra**, Technical Lead at STMicroelectronics was the keynote speaker in the webinar. Mr. Probeer Sahw, HOD, ECE & EEE, **Dronacharya Group of Institutions, Greater Noida** organized the event.

The objective of the event was to apprise the students of career opportunities in core electronic.

The webinar was presided by Prof. (Dr.) Arpita Gupta, Director, Dronacharya Group of Institutions, Greater Noida Mr. Mishra mentioned in his talk that there are exciting growth opportunities for engineers who are strong in electronic design fundamentals, have an interest in VLSI design and verification. He then explained about various job roles in the industry and clearly demarcated the skill requirements for each profile. He then discussed about the current state of the VLSI industry in India at length. He finished his talk with some valuable tips to focus on key concepts and subjects essential for the industry. In the end Mr. Sahw thanked Mr. Mishra for his valuable suggestions to the students.

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The students appreciated the opportunity to interact with Mr. Mishra who gave industry insight and approaches.

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“WEBINAR ON”
Topic :
**VLSI DESIGN :
TECHNIQUES & RECENT TRENDS**
26th December, 2020
Mr. Utkarsh Mishra
Technical Leader in STMicroelectronics
gnindia.dronacharya.info

Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: Guest Lecture on "How to Manage Money : Being Investor in NSE"

Date of the event: 21-12-2020

No. of Participant: 1

Summary of the event:

MBA Department, **Dronacharya Group of Institutions, Greater Noida** organized a guest lecture on **“How to Manage Money : Being Investor in NSE”** on **21st December 2020** for MBA students. **Mr. Arun Singh** Certified trainer, and facilitator NSE, was the resource person. **Dr. Mukesh Singh Tomar**, Head of Department (MBA) was the faculty coordinator for the session. 35 MBA students attended the session.

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The resource person was introduced and welcomed by **Ms. Khushboo Gautam**, Assistant Professor, MBA Department. **Mr. Arun**, started the session by explaining the meaning and importance of financial and investment planning. He then presented the various types of investments and highlighted investments in mutual funds as very convenient, economical, having high returns, safe and transparent. He explained the process of mutual funds in detail. He then explained Systematic Investment Plan (SIP) as the best way to invest in mutual funds. The various types of mutual funds were explained. A numerical example was discussed as to how the money can be expanded by investing in SIP's. He explained the primary and secondary markets and basics of capital markets.

Later, he explained the trading method in secondary market. He gave insights into different types of orders used in stock markets, Ask, Bid, Limit order, Market order etc. and their practical application. He also discussed the responsiveness of share prices to dividend payments, details about the working of brokers, how to place an order. Students also gained knowledge in the areas of portfolio management.

He also explained the stock market process and execution of orders. He also showed the trading terminals.

The importance of economics in an economy, market sentiments and its impact on the stock market were also discussed. The four C's principle of financial planning viz. creation, consumption, conservation, and continuation of income – were also explained. He also enlightened the students on the working of Bombay Stock Exchange (BSE) and the National Stock Exchange (NSE).

Students raised several queries about investment plans for students, for how long to invest, what is the right time to invest, about the minimum amount one can invest etc.

The vote of thanks was proposed by **Dr. Mukesh**.

The session was informative and interesting. Students gained several inputs on the practical areas in capital markets and stock trading.

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EXPERT TALK
FOR MBA ON
**HOW TO MANAGE MONEY :
BEING INVESTOR IN NSE**

Date : 21 Dec, 2020
Time : 11:15 AM - 12:50 PM

gnindia.dronacharya.info

Mr. ARUN SINGH
Certified Trainer and Facilitator

Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: DRON KAVYAM

Date of the event: 25-01- 2021

No. of Participant: 8

Summary of the event:

The deepest craving of a student is the need to be appreciated by its teachers and no doubt that our super achievers have always made us proud. To felicitate and celebrate the achievements of our shining stars **Dronacharya Group of Institutions, Greater Noida** organized **Dron Kavyam** on 25th January 2021.

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“A dream becomes goal when action is taken towards its achievement”

Director Prof. (Dr.) Arpita Gupta complimented the achievers with token of love and respect and invoked that may they see greatest heights in their career. On this paramount day she blessed the students with her encouraging words and said “self- belief and hard work will always earn you success. Your positive actions combined with positive thinking will make you reach great heights.”

The Felicitation ceremony was followed by Kavi Sammelan.

“Poetry is the rhythmical creation of beauty in words”. The elegiac and melodious poets filled the air with patriotism. The fervid words arranged beautifully in the poem mesmerized all and the sundry.



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Name of the event: Three days' Workshop on "Rural Entrepreneurship and Rural Start-Ups"

Date of the event: 17-02-2021 - 19-02-2021

No. of Participant: 2

Summary of the event:

Department of Rural Development, NITTTR Chandigarh organized a three days Workshop on "**Rural Entrepreneurship and Rural Start-Ups**" from 17th February 2021 to 19th February 2021. Two faculty members **Ms. Neelam Bhardwaj**, (MBA Department) and Mr. Chandan Choubey (ECE Department) of **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

Unnat Bharat Abhiyan(UBA) is a flagship programme of **MHRD, GoI** with a vision to achieve the target of Unnat Bharat (Developed India) through the growth and development of villages.

Day 1

The inaugural speech was given by **Dr. U. N. Roy, Professor and Head, Department of Rural Development**. Dr. Roy told all technical and higher degree institutions, all other colleges and polytechnics working under central universities, UGC, AICTE, ICAR, ICMR will join hands together to actualize the mission. Each participating institute (PI) has developed a cluster of five villages in its vicinity with various technical interventions as per local requirements.

In second session Dr. U. N. Roy shared his views on Potential of Rural Entrepreneurship and Rural Development. He further discussed the need for rural entrepreneurship in employment generation, to reduce the disparities in rural and urban income, to promote balanced regional development and economic development in rural areas. He also explained the advantages of Rural Industrial Projects and problems of rural entrepreneurship.

In the third session, Professor J. S. Saini discussed job scenario in various sectors in India and possible interventions in MSMEs to strengthen Indian economy. The MSME sector is vital for employment generation, as also for an economic recovery to sustain. Along with the employment incentive, the MSME sector has also been provided collateral free credit.

Day 2

On the second day, the first session was delivered by the **Professor Jagveer Singh Rawat HAU, Hisar**. He expressed his views on Rural Start Up under Dairy Farming in India: Successful Case Studies. The future of the Indian dairy industry depends on better efficiency to meet growing demand. However, it is also important that animal welfare is respected. Dairying has turned into an essential auxiliary wellspring of pay for a huge number of country families and has accepted a paramount part in giving work and salary.

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In the second session **Dr. H. S. Jwanda, Principal ITI, GNDP Ludhiana** discussed Skills Training and Placement of Rural Youth of Punjab under CDTP Scheme and Other Government Schemes. He told in order to impart skill training and accomplish ground level physical delivery of new technologies at the doorsteps of the rural people, each identified Polytechnic shall establish Extension Centres in the nodal villages so that each centre covers at least a cluster of villages in its vicinity. These centres will act as an extension arm of the polytechnic and will provide skill training, repair and maintenance services and common six facilities for group enterprises, information sharing and hiring technical facilities of the Polytechnics under the scheme. NGOs, voluntary organizations, professional experts, village agencies, village panchayats/panchayat samitis, ITI's and Senior Secondary School, Vocational Schools etc. should be involved in the establishment of Extension Centres.

In the third session **Professor Joginder Singh Rohru** discussed Organic Apple Cultivation and its Marketing. He shared his views that the steady increase in consumer demand for organic products during the past decade should be viewed as a promising opportunity for organic producers throughout the world. He added that increases in organic fruit production have been associated with improved pest management methods, the use of disease-resistant cultivars, and organic-focused marketing schemes.

Day 3

On the last day, the first session was delivered by Professor Hardip Singh Sura, Bugana, Hisar. He deeply focused on Farming Techniques and Agri-Inputs Production and Marketing: Experience of an Agri-Entrepreneurship. He told entrepreneurship is one of the key drivers for economic development increases. Agri-entrepreneurship in common language can be defined as sustainable, community-oriented, directly-marketed agriculture. It is beneficial combination of agriculture and entrepreneurship and convert your farm into an agribusiness. This association of agriculture and business promotes agri-entrepreneurs who innovate, identify markets and satisfy needs by developing different ways. The term agri-entrepreneurship is similar with entrepreneurship in agriculture and describes agribusiness establishment in agriculture and allied sector.

The next session was delivered by **Dr. Sarita Mehra** and **Dr. S. P. Mehra, RSNH, Bharatpur**. They discussed Rural Start Ups for the Empowerment of Rural women: An Experiment of RSNH, Bharatpur. They explained training and mentoring vulnerable women and their families in rural communities with basic Entrepreneurship and Small-scale business startups skills. Then there was the interaction with UBA coordinators Dr. U. N. Roy and Dr. Poonam Syal, Associate Professor, Department of Rural Development.

The workshop was very informative and educative for all the participants.



Certificate of Participation

It is to certify that *Chandan Choubey* from
Dronacharya Group of Institutions for
Participating in the Three days Workshop of "Rural
Entrepreneurship and Rural Start-Ups" held from 17th-
19th February,2021

Dr. U N Roy
RCI, Coordinator
NITTR, Chandigarh



Certificate of Participation

It is to certify that *Neelam Bhardwaj* from
Dronacharya Group of Institutions for
Participating in the Three days Workshop of "Rural
Entrepreneurship and Rural Start-Ups" held from 17th-
19th February,2021

Dr. U N Roy
RCI, Coordinator
NITTR, Chandigarh

Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](https://dronacharya.info)

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Name of the event: International Women's Day

Date of the event: 8/3/2021

No. of Participant: 6

Summary of the event:

To honor womanhood **Dronacharya Group of Institutions, Greater Noida** organized the **International Women's Day** through online and offline mode on **8th March 2021**.

8th March, considered as International Women's Day. This day brings many things for women – a cause for celebration, a reason to pause and re-evaluate a remembrance, an inspiration and a time to honour, loved and admired.

Virtual Event:

For the Online event, the Guest of Honor was **Ms. Tanvee** - Judicial Officer, posted as Sub-Divisional Judicial Magistrate, (S.D.J.M.) at Deoghar, Jharkhand and **Dr. Poonam** - Director (Entrepreneurship Education), Head, Regional Centre, Dehradun and **Mrs. Vandana Anchal** is a winner of People's choice Mrs. India (2020) & Founder & Director - Kannan Animal Welfare and **Dr. Varsha V. Vaidya** - Consultant Pediatric Neurologist and **Ms. Prachi Kaushik** - Founder & Director of VYOMINI SOCIAL FOUNDATION (VSF)

They were welcomed by **Prof. (Dr.) Arpita Gupta Director DGIGN**. After a short welcome speech, the **Guest of Honor** shared their views to inspire and encourage all the women to keep excelling consistency and to keep moving every time.

The session ended with a vote of thanks.

Offline Event:

For the Offline event, the **Chief Guest** was **Mrs. Kailash Yadav** – Chairperson of Dronacharya Group of Institutions and the **Guest of Honor** was **Mrs. Prem Dahiya, Ms. Kavita Chiller** and **Ms. Santosh Malik**

They were welcomed by **Prof. (Dr.) Arpita Gupta - Director DGIGN** The celebration was indeed a great initiative by the institute to confer love and gratitude for female students and faculty members. It aimed at imparting the values like empowerment and equality which bestowed the sense of appreciation and respect to the entire female fraternity.

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A special program was organized by the faculties and staff of the organization like Group Dance, Poetry and Ramp Walk etc.

The Female employees were felicitated with Mementos by the Chief Guest. This celebration brought fun, happiness, entertainment and a sense of unity among all.

At the end of the session, the winners were appreciated with a small token of love in the form of prize.



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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: INTERNATIONAL YOGA DAY

Date of the event: 21-06-2021

No. of Participant: 5

Summary of the event:

Yoga is the invaluable gift of India's ancient tradition. It's not about exercise but to discover the sense of oneness with you, the world and the nature. – **PM Narendra Modi.**

In an effort to participate actively in the **International Yoga Day**, the **NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized a **Yoga Session on 21st June 2021** for the students, faculty and staff members.

Celebrated on **June 21, International Yoga Day** commemorates the physical and spiritual prowess that yoga has brought to the world stage. The nature of yoga is to shine light of awareness into darkest corners of your body. The purpose of yoga is to build strength, awareness and harmony in both the mind and the body. It is a great way to work on your flexibility and strength.

Inaugurating the session, **Dr. SK Srivastava**, NSS Coordinator said, during the current pandemic situation where minds are stressed and souls are disheartened yoga is ultimate solution to channelize positive energy and to neglect the negativity around us.

To learn the artwork of awareness on body, mind and soul the faculty members under the guidance of **Mr. Bhuvnesh Khare (Yoga Guru)** actively performed the various yoga poses and inhaled the fresh air of positivity amid the crisis.

The day ended with a vote of thanks by **Dr. SK Srivastava**. He expressed his heart-felt gratitude to everyone for participation in the International Yoga Day. He also thanked **Mr. Bhuvnesh Khare (Yoga Guru)** for conducting the Yoga session and teaching important Asanas, Meditation and its benefits in maintaining good health.

“Yoga adds years to your life and life to your years”

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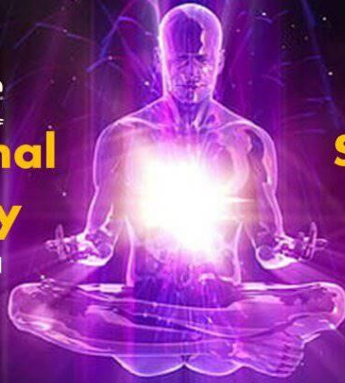


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**International
Yoga Day**

21st June, 2021



**Shaping your
mind with
the body**

“Yoga is a mental, physical, and spiritual practice
which helps in attaining a great mind, body and soul.”
Conducted by : Mr. Bhuvnesh Khare (Yoga Guru)

Venue : Dronacharya Group Of Institutions

www.dronacharya.info



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Name of the event: Awareness Program on “Expert guidance on prevention of Heart Diseases during Covid Times”

Date of the event: 23-07-2020

No. of Participant: 1

Summary of the event:

NSS wings of **Dronacharya Group of Institutions, Greater Noida** in association with **Dr. Reddy's** Foundation for Health Education (DRFHE) organized an online awareness session on “Expert guidance on prevention of Heart Diseases during COVID TIMES” on **23rd July, 2020**. **Dr. Sujeet Narain** (HOD & Senior Interventional Cardiologist, Kailash Hospital) was the eminent speaker of the awareness program. 280 students attended the program.

The objective of the event was to increase knowledge and awareness about Heart Diseases. He advised eating lots of foods high in saturated and trans fat may lead to heart disease. Eating foods high in fiber and low in saturated fats, trans fat, and cholesterol can help prevent high cholesterol levels. He told about proper quantity wise usage of salt (sodium) in diet can also lower blood pressure. He also advised the students to practice Yoga on a regular basis.

He said, five basic lifestyle steps can radically reduce chances of developing cardiovascular risk factors and ultimately heart disease: No smoking, Maintaining a healthy weight, Exercising, Following a healthy diet, Improving sleep health.

The students were highly benefitted from the session.



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

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Name of the event: Strengthening Your SOFT SKILLS in the Workplace

Date of the event: 3-11-2020 - 12-11-2020

No. of Participant: 2

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized a **session on “Strengthening Your SOFT SKILLS in the Workplace”** from **3rd-12th November, 2020**. **Ms. Nisha (Soft Skill Trainer)** was the speaker of the session. **Ms. Pooja Ranjan and Mr. Ashish Kukreti** along with **170 B.Tech and 15 MBA students** attended the session.

Ms. Nisha explained that soft skills are attributes that are required to work with others in an organization. She stressed upon the fact that strong communication skills are mandatory to excel in the workplace. For teachers, bombastic and powerful voice is must to teach the students. Good soft skills are also required to make students attentive in the classrooms. When it comes to employees working in an organization, the requirement to strengthen the communication skills is needed in every industry at every level.

She also said soft skills could not be taught, but is a matter of expertise achieved during the course of time. Some of the ways through which soft skills could be improved are: actively listening, improving writing skills, communicate often, work on critical thinking aspects, self-reflect, stepping out of the comfort zone and asking for feedback.

It was a great benefit for the staff members who attended the session.



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](https://www.dronacharya.info)

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Name of the event: Guest lecture on “Impact of Covid-19 on Indian Economy”

Date of the event: 4/11/2020

No. of Participant: 1

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized a guest lecture on “**Impact of Covid-19 on Indian Economy**” on **4th November, 2020** for **MBA students**. **Mr. Rajesh Kumar from University of Hyderabad** was the guest speaker of the session. **16 students** attended the session.

Mr. Rajesh said that impact of coronavirus pandemic on India has been chiefly troublemaking in terms of economic activity as well as loss of human lives. Almost all the sectors have been adversely affected as domestic demand and exports sharply dropped except for some areas. He said there is a great slowdown in profitability of Indian domestic industries due to decreasing trend in demand of Indian products. The country observed shutdown of different productions channels. Migration of workforce and subsequent scarcity of labor resulted in further slowing down of economic growth.

The session was interactive and helped the students understood the concept.

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**Guest lecture on
“Impact of Covid – 19 “
on Indian Economy”**

Date : 4th November, 2020

Speaker details :
Mr. Rajesh Kumar
(University of Hyderabad)

gnindia.dronacharya.info

Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

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Name of the event: Expert Talk “Happiness By Choice”

Date of the event: 2/12/2020

No. of Participant: 2

Summary of the event:

Dronacharya Group of Institutions, Greater Noida conducted an online session on “**Happiness by Choice**” on **2nd December, 2020**. **275 students attended the workshop**. **Prof. (Dr.) B.R. Natarajan (Prof. Banasthali Vidyapith, Rajasthan & Ex. Prof. and Dean at BITS Pilani)** was the speaker of the workshop.

He started the session and said, many happy people realize that happiness is a choice and they have to choose it every day on purpose. Happy people are not held hostage by their circumstances, and they do not seek happiness in people or wealth.

He shared his experiences of how he keeps himself happy besides all ups and downs in life. He mentioned:-

1. Count your blessings
2. Carry a smile
3. Your affirmation every day in your life
4. Wake up to your terms
5. Practice a life-improving discipline
6. Complete an important task
7. Eat healthy meals/snacks
8. Treat others well
9. Meditate
10. Search for blessings in your pain
11. Choose pleasure and be happy


He added that being happy takes making a conscious choice – you actually have to decide to make the choice to be happy – especially when things are difficult or not going exactly the way you wish they were going. Those are the times it is the most important for you to make that conscious choice that **YOU WILL BE HAPPY NOW**.

In the end he said that when people stop pursuing the definition of a happy world, we start to experience happiness within all of us.

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Mantras
for
Success



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Phone: +91 9799476406

AP

GK

VS

RK


AK


SS

MR


GG

Honours and Awards: Recipient of Special Award at first ever BITS Pilani Alumni Association - BITSAA Global Meet BSM Durgam January 2011.






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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

“Institution Innovation Council”

Organizing



Topic : Happiness By Choice


Date : 2nd December, 2020

Time : 11:00 AM

Dr. B.R. NATARAJAN

Former Professor & Dean, Vice President BITSAA, BITS Pilani (Raj)
Former Vice Chancellor Sangam University, Rajasthan
Eminent Prof. Banasthali Vidyapeeth Rajasthan

gnindia.dronacharya.info



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](https://dronacharya.info)

Name of the event: Webinar on “ Aspects of Physics For Engineering Students ”

Date of the event: 5/12/2020

No. of Participant: 1

Summary of the event: **Dronacharya Group of Institutions, Greater Noida** organized a webinar on “**Aspects of Physics for Engineering Students**” on **5th December, 2020**. **First year engineering students** along with **Prof. S.K. Srivastava** attended the session. **Dr. Vivekanand Mishra (Professor in CU Shah University)** was the speaker of webinar.

Dr. Vivekanand Mishra started the session by explaining about Physics. He said physics is one of the vital scientific areas, and its objective is to comprehend how the universe works. Physics provides vital knowledge needed for the future technological advances.

Engineering is basically physics applied to produce something more useful. It can be mechanical, electrical, civil, etc., but they're all basically governed by physics. There's no way to solve complex engineering problems without understanding the physics behind it.

In the last, the speaker said that an engineer might design the product or build the product itself, but either way, success is impossible without understanding the physics behind each of them.

Thus, it is true that Physics has a significant role in Engineering.

DRONACHARYA
Group of Institutions
WEBINAR ON
Topic:
Aspects of Physics for Engineering Students
Date : 5th December, 2020
Time : 10:00 AM
Dr. Vivekanand Mishra
Eminent Professor in C.U. Shah University
Former Associate Professor in NIT Surat
and UTAR Malaysia
gnindia.dronacharya.info

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: Expert Talk on Personality Development

Date of the event: 31-12-2020

No. of Participant: 2

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized an expert talk on “**Personality Development**” on **31st December 2020**. **Mr. Ankush Tiwari** (Assistant Manager Crisil Limited), Poet, Writer and TEDx speaker was the keynote orator. **180 students along with staff members** of DGI attended the session.

Mr. Ankush told about the scope of personality *development*. It includes knowing how to communicate with each other, interpersonal skills, soft skills, outer appearance, social graces and grooming. He then explained each part individually. He also told that personality traits:- wisdom, activeness, agility, speech, etc. differ from person to person. He also focused upon the need of having great personality traits for achieving heights in the career. He further added the importance of attending sessions on Personality Development which helps an individual to gain confidence. Personality developments also have a positive impact on one's communication skills and behavioral aspects. He added that confidence building is yet another important tip for personality development.

Students enthusiastically attended the session and were benefitted a lot.

DRONACHARYA
Group of Institutions

▶ Expert Talk on

“Personality Development”

Date : 31 December, 2020

Time : 12:30 PM

Speaker : Mr. Ankush Tiwari

Assistant Manager/ Senior Consultant in
Crisil Limited, Poet, Writer, TEDx Speaker,
Founder of Chand ka Tukda... (A Talent Showcase Platform)

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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: Design Factory

Date of the event: 16-01-2021

No. of Participant: 1

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized a competition “**Design Factory**” on **16th January, 2021**. Under the event **EEE, Mechanical and Civil Engineering Department** organized a one week **workshop on “Design Using Autocad”** on **11th -15th, January 2021**. Mr. Shailesh Kumar coordinated the event. **22 students** attended the workshop.

Initially, a workshop was conducted from **11th-15th January** in which students learned the concepts of Autocad. Faculty members of **EEE, Mechanical and Civil Engineering departments** explained the workings of AutoCAD practically. Then, a doubt clearing session was also taken up.

On the last day, i.e. **16th January, 2021**, a competition was held with the title “Design Factory” for all the students who attended the workshop.

The workshop was very informative and helped the students learn a lot.



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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: Pranayama and Meditation Session by “Art of Living”

Date of the event: 1-05-2021 - 10-05- 2021

No. of Participant: 1

Summary of the event:

Dronacharya Group of Institutions, Greater Noida and Art of Living in association with **AICTE** organized “**20 min Pranayama and Meditation Session**” from **1st – 10th May, 2021**. Peace, during the current situation in India is at crisis. Education being the second most important sector is battling to maintain the quality of learning. Amid these stressful conditions Art of Living proposed a 20 min special 10 - day “Breathing and Meditation” session for senior educationalist to lower down their stress levels. As Pranayama teaches to regulate breathing and control mind making it the only solution to combat the negative energy in the air.


The session was very helpful during tough times of Covid-19. All the students and faculty members participated in the session and learnt many Pranayama asana.

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20-min Pranayam and Meditation Session "Art of Living".

With the current situation in India, and keeping in mind that Education - important sector for us is battling to maintain the quality of student learning, we like to propose a 20 minute Special 10-day 'Breathing & Meditation' session for students and educationists to help them in this crisis to keep their lung health and mental levels.

Start Date : May 1, Saturday (10 days) | Time: 7:40 - 8:00 AM

Click here to join via google link : <http://tiny.cc/aicte-breath>
www.dronacharya.info



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](http://www.dronacharya.info)

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Name of the event: Webinar on “Getting Started with Problem Solving”

Date of the event: 14-05-2021 - 15-05-2021

No. of Participant: 1

Summary of the event:

Dronacharya Group of Institutions, Greater Noida organized a webinar on “**Getting Started with Problem Solving**” for **1st, 2nd and 3rd year B.Tech** students on **14th – 15th May, 2021**. **Prof. Ashima Mehta**, CSE Department along with codechef coordinators Vivek Yadav and Anubhav Sharma conducted the webinar.

Prof. Ashima initially started the session by explaining about different problem solving stages as the act of defining a problem, determining the cause of the problem, ascertaining, arranging, and choosing alternatives for a solution. The student coordinators also gave their views on the stated topic. In the last, a doubt clearing session was also undertaken by the speaker.

The students were highly benefitted from the session.



DRONACHARYA
Department of CSE presents
Webinar on
Getting Started with
PROBLEM SOLVING

Schedule :
Date : 14 May, 2021
Time : 2 PM to 5 PM
For 1st year Students


Contact :
Prof. (Dr.) Ashima Mehta : 9803505262
Vivek Yadav (CSE 6th SEM) : 7065859004
Anubhav Sharma (CSE 6th SEM) : 8950197311

Registration Link :
<https://forms.gle/fo1AexV5b3fxmc9f9>

Prof. (Dr.) Ashima Mehta
CSE Department

Vivek Yadav
3 Star on CODECHEF

Anubhav Sharma
3 Star on CODECHEF
6 Star on HACKERRANK



Director
Dronacharya Group of Institutions
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DRONACHARYA

Department of CSE presents

Webinar on

Getting Started with
PROBLEM SOLVING

Date : 15 May, 2021
Time : 2 PM to 5 PM

Registration Link :
<https://forms.gle/fo1AexVSb3fxmc9f9>

Contact :
Prof. (Dr.) Ashima Mehta : 9803505262
Vivek Yadav : 7065859004 (CSE 6th SEM) Anubhav Sharma : 8950197311 (CSE 6th SEM)

www.dronacharya.info

Prof. (Dr.) Ashima Mehta.
CSE Department

Vivek Yadav
3 star on CODECHEF

Anubhav Sharma
3 star CODECHEF
6 star on HACKERRANK

Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](https://forms.gle/fo1AexVSb3fxmc9f9)

Name of the event: One-day Pilot Workshop on DSpace


Date of the event: 13-02-2021

No. of Participant: 2

Summary of the event:

National Virtual Library of India (NVLI), funded by the Ministry of Culture, Government of India, conducted an online one-day pilot workshop on “**DSpace: Digital Repository System**” on **February 13, 2021** from 10 a.m. to 5 p.m. **Professor Kannan Moudgalya** PI, NVLI and Spoken Tutorial Project, the workshop's course coordinator, gave a welcome address.

This workshop was only open to those who had been invited. The invitation link for online registration was sent by IIT Bombay. This workshop was held for two separate groups of people. This was limited to the Librarians/ library staff and system administrators from each institution.



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Mr. Rakesh Kumar, Assistant Librarian and **Mr. Bharat Bhushan**, System Administrator from **Dronacharya Group of Institutions, Greater Noida** attended the online session. All the registered participants attended the workshop from their convenient place. Virtual classroom systems were used to interact with participants. There were live video interactions and Spoken Tutorial sessions during the workshop. During the Spoken Tutorial sessions, participants were expected to learn DSpace using a side by side method. There was a separate classroom created for two different audiences (librarian & system administrators) during the practice sessions in the workshop.

Following topics were covered in the workshop:

- Overview of DSpace
- DSpace installation on Windows and Ubuntu Linux OS
- Email configuration for DSpace
- Customization of DSpace Home Page
- User Registration in DSpace
- Managing DSpace user accounts
- Created Community and sub-community
- Created Collection
- Item submission in DSpace
- Item Review in DSpace
- Batch import of Items

After successfully completion of the workshop, librarians are capable to provide accessed to users using standard protocol. Now they can organize digital contents in hierarchical manner and can manage user authorizations to content in digital repository. And System Administrators would be able to Install DSpace on Windows 10 / Ubuntu Linux 18.04 Operating Systems, configure email settings of DSpace to send/receive emails and customise DSpace User Interface.

The participants had a great opportunity to learn about the DSpace open source repository software package.

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Group of Institutions

13th February, 2021

One Day Pilot Workshop On

DSpace: Digital Repository System

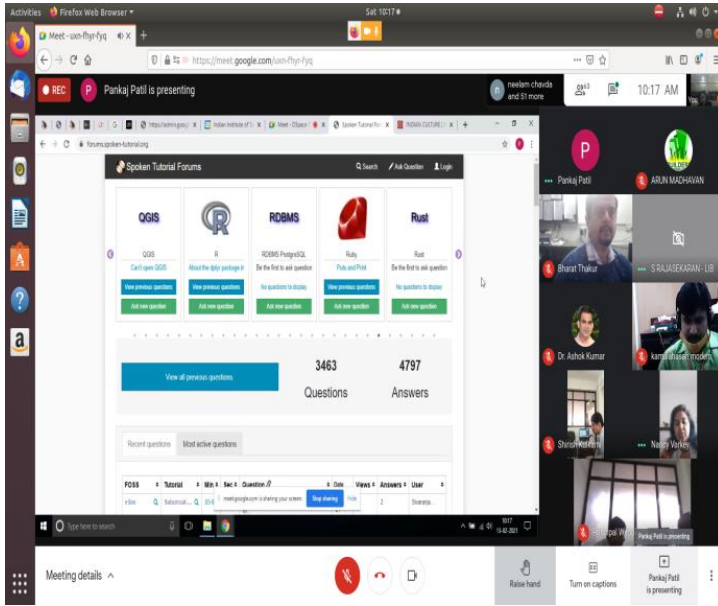
10:00 AM - 5:00 PM

By :
National Virtual Library of India (NVLJ),
Funded by the Ministry of Culture, Government of India

Topics :
Overview of DSpace | DSpace installation on Windows and Ubuntu Linux OS | Email configuration for DSpace | Customization of DSpace Home Page | User Registration in DSpace | Managing DSpace user accounts | Created Community and sub-community | Created Collection | Item submission in DSpace | Item Review in DSpace | Batch import of Items

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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: Online Refresher/Induction Programme on "Use of ICT in Engineering Education"

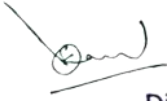
Date of the event: 7-04-2021 - 13-04-2021

No. of Participant: 6

Summary of the event:

Ms. Neelam Bhardwaj from **Dronacharya Group of Institutions, Greater Noida** attended the 6 days online Refresher Programme "**Use of ICT in Engineering Education**" sponsored by AICTE-ISTE from **7th - 13th April 2021** organized by MSIT College.

The main aim of the refresher programme is to make participants understand the various online digital technologies, mediums tool available for the better impartment of teaching learning process.


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Day 1: 7th April 2021

Prof. B. V. R. Reddy, USICT, GGSIPU and **Prof. S. S. Agrawal** Director General, KIIT Group of Colleges inaugurated the programme . Next **Dr. Preeti Khanna** Associate Professor, School of Business Management, SVKM's NMIMS – Mumbai discussed the topic “**Social Dilemma: Implications on Individuals and Businesses**” with the participants.

Moving the session further **Dr. Neeta Singh**, Assistant Professor, GBU explained the topic “**Integrating Sustainable ICT tools for Classroom Teaching**”. She told the participants ICT has now become an essential part of teaching –learning interaction. She explained to the participants if the teachers are trained to use ICT, they can provide creative and individualized options for students to express their understandings, and thus students can be better prepared to deal with ongoing technological change in society and the workplace.

Day 2: 8th April 2021

Second day session begin with the discussion on topic “**Artificial Intelligence for Clinical Imaging** by **Dr. Bhawana Nigam** IET, DAVV. He told the growth and delivery of healthcare imaging can be with the use of AI Applications like virtual nursing assistants, autonomous surgical robots, automated image diagnosis dosage error reduction, are some of the examples where AI has played important role.

Next **Dr. KP Chaudhary**, Professor MSIT explained “**Role of Metrology and IT sector in Industrial Revolution 4.0**”.

The topic “**Efficient Writing with modern tools**” was discussed by Next Expert **Dr. Gaurav Varshey** Assistant Professor, NIT Pune.

Day 3 : 9th April 2021

Third day session started with the discussion of “**Virtual Labs for Remote Learning**” by **Mr. Amit Kadian**, Assistant Professor, Kasturba Institute of Technology. He started with the explanation of importance of virtual labs. He told Virtual labs are most important tool for e-learning as it enable students to perform experiments that are difficult to perform in real laboratories. Virtual lab enables students and teachers to use latest technologies.

Prof. Shabana Mehfuz, Jamia Milia University, Delhi took the next session on topic “**Introduction to Intelligent Techniques**”. She explained participants the basic concept of Intelligent Systems Artificial and Intelligence and Soft Computing Techniques. Further she discussed some of the Intelligent techniques and their applications. She also discussed the comparisons between various Intelligent techniques



Dr. Ashish Bagwari Assistant Professor, Women Institute of Technology Dehradun took the last session of the day on topic “**Use of Information & Communication Technology**”. He told ICT is an extensional term for Information Technology that stresses the role of unified communications. He also explained why we need ICT in engineering education. He told ICT is more effective and it makes use of the benefits of both online and face to face modes of delivery.

Day 4 : 10th April 2021

Fourth Day of the session started with the discussion on topic **Reading and writing research manuscript and Introduction to Medley**” by **Dr. Dinesh Singh** Associate Professor DCRUST, Murthal.

Moving the session further **Mr. Prashant Malik** ITIL Process CONSULTANT & Certified Scrum Master discussed the topic “**Role of Agile in ICT and its advantages in Education Industry**”

Last session of the day was taken by **Prof. Srinivasa K G** NITTTR Chandigarh on topic “**Digital Pedagogy**”. He explained Digital Pedagogy is the study of contemporary digital technologies in teaching and learning. He also told it can be applied to online, hybrid and face to face learning environment.

Day 5 : 12th April 2021

Dr. Ashish Khanna Associate Professor, MAIT, GGSIPU took the session on topic “**How to write a research paper in Reputed Journal**”. He explained the basic things that should be kept in mind while writing a research paper.

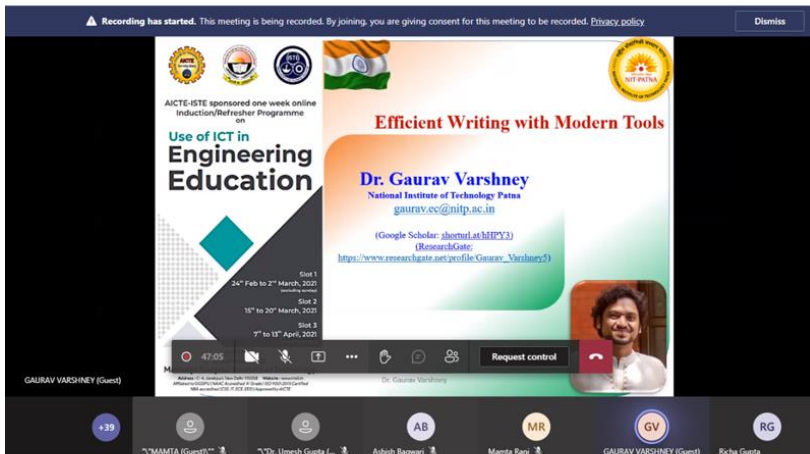
Next session was taken by **Dr. Parul Aggarwal** Associate Professor, Jamia Hamdard University on topic “**Advancements in Healthcare**”. She told with the advancement in digital healthcare technologies outcomes for patients and doctors are improving.


Further **Dr. Nilam** Assistant Professor, DTU took the session and discussed the topic “**Effective Usage of ICT tools in teaching of Mathematics and Research**”.

Day 6 : 13th April 2021

First session of the day is taken by **Sister BK Monika Gupta** Brahmakumaris.. She explained how to get rid of everyday’s stress and anxiety.

In the end there was feedback and test session. **Mr. Jawed Ahmed** Section Chairman, ISTE Delhi took the valedictory session.




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Certificate



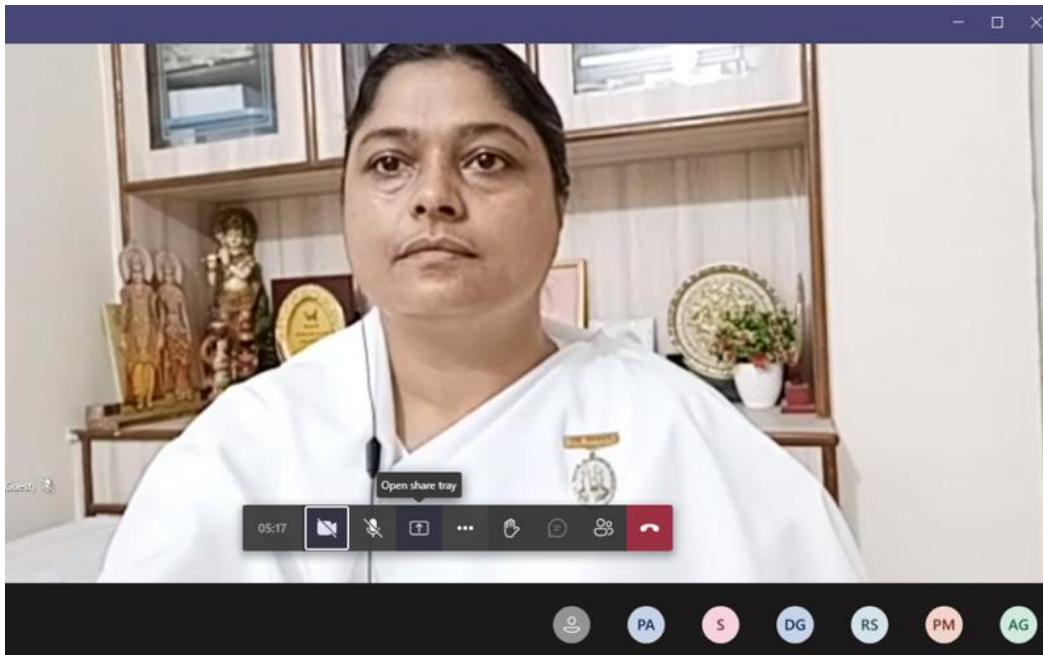
This is to certify that **MS. NEELAM BHARDWAJ** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Use of ICT in Engineering Education”** held during **07.04.2021** to **13.04.2021** organized by **Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi.**

Director (FDC)
AICTE, ND

Executive Secretary
ISTE, ND

Program Coordinator
MSIT, Janakpuri ND

Director
MSIT, Janakpuri ND



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](https://dronacharya.info)

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Name of the event: One Week Workshop on Hardware Programming Using Arduino

Date of the event: 11-01-2021 - 16-01-2021

No. of Participant: 1

Summary of the event:

Department of ECE & EEE, Dronacharya Group of Institutions, Greater Noida organized an event "Electro Thinker" from 11th -16th January 2021. Under the event one week workshop on Hardware Programming Using Arduino was conducted. Prof. Probeer Sahw, Faculty member was the instructor was the workshop.



Link of the Event: [Dronacharya Group of Institutions, Greater Noida \(office.com\)](http://Dronacharya Group of Institutions, Greater Noida (office.com))

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Name of the event: One Week Workshop on PHP

Date of the event: 18-01-2021 -22-01-2021

No. of Participant: 2

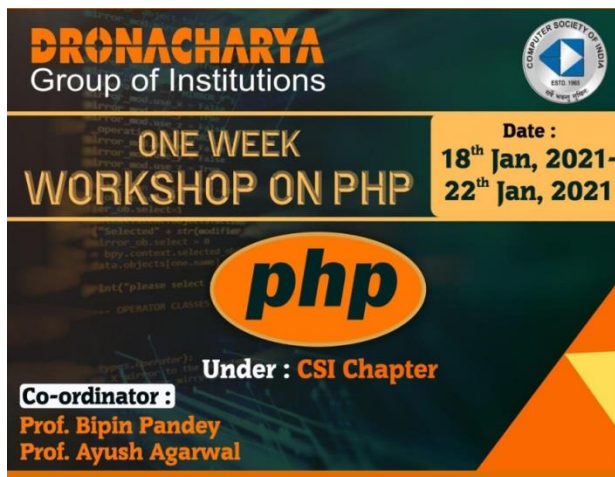
Summary of the event:

CSI Student Chapter, **Dronacharya Group of Institutions, Greater Noida** organized a “**One week workshop on PHP**” from **18th -22nd January, 2021**. Faculty members **Prof. Bipin Pandey and Prof. Ayush Agarwal** were the co-ordinator of the workshop. **180 students** attended the workshop.

The objective of the workshop was to make the students understand the concept of creating dynamic Web pages using the **PHP** programming language and the MySQL database server.

The faculty members explained the difference between **PHP** and other major languages and brushes up the concepts. They explained- php involves "Learning by Doing" using the most modern infrastructure to perform hands-on exercises and real-world simulations. This comprehensive hands-on experience in php course ensured that each and every learner grabs the technical knowledge and skills that is required to apply while at work after getting the job in MNCs.

All the students were benefitted from the workshop.



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](https://dgi.ac.in/)

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Name of the event: Faculty Entrepreneurship Development Program (FDP)

Date of the event: 15-03-2021 - 6-04-2021

No. of Participant: 1

Summary of the event:

“Faculty Entrepreneurship Development Program (FDP)” was organized by IIITD Innovation and Incubation Centre supported by Department of Science and Technology, Government of India from **15th March – 6th April, 2021**. **Asst. Prof. Neelam Bhardwaj** attended the FDP and was awarded with a certificate on completion of the program.

The objective of the session was to prepare and empower the educationalists from academia with significant skills and capabilities that are vital to inculcate the spirit of entrepreneurship among faculty members, so that they can act as resource persons in guiding and motivating young minds particularly from Science & Technology stream.

The topics covered during the FDP were New Age Entrepreneurship Principles & Best Practices, Entrepreneurial Competencies & Mindset, Business Idea Generation, Evaluation & Business Environment Scanning, Problem Solving, Decision Making & Mentoring, Intellectual Property Rights & Innovation Management, EDCs / Technology Business Incubation Process, Building Entrepreneurial Network & Ecosystem.

Asst. Prof. Neelam Bhardwaj acquired the knowledge and was benefitted a lot.



[Signature]
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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

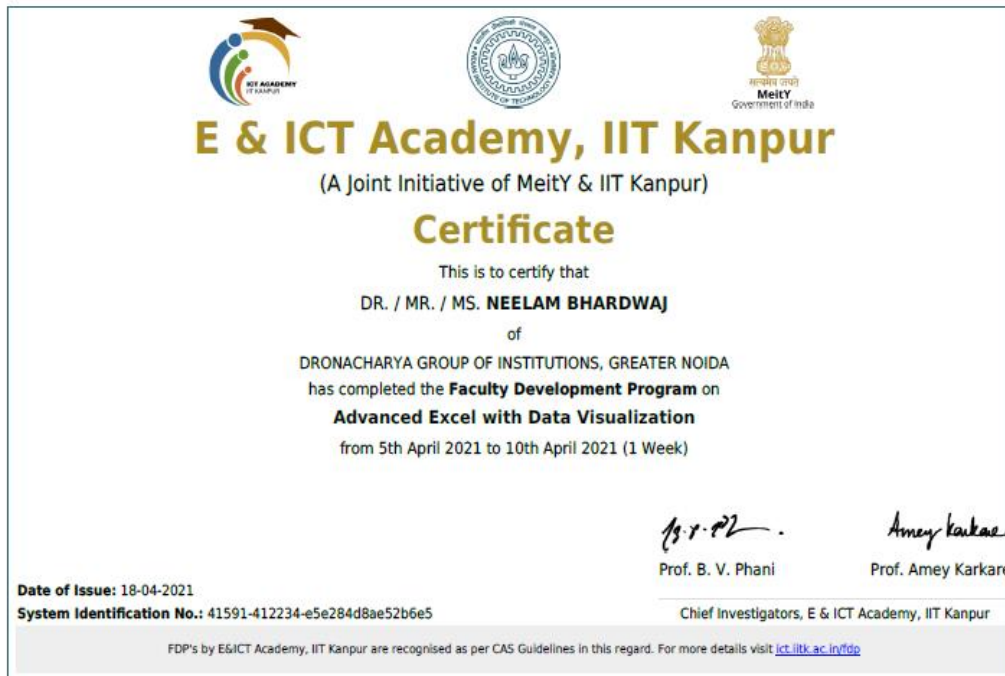
Name of the event: FDP on "Advance Excel with Data Visualization"

Date of the event: 5-04-2021 - 10-04-2021


No. of Participant: 1

Summary of the event:

Ms. Neelam Bhardwaj from Dronacharya Group of Institutions, Greater Noida attended the 6 days' FDP on "Advance Excel with Data Visualization" by E & ICT Academy, IIT Kanpur from 5th - 10th April 2021.



Link of the Event: [Dronacharya Group of Institutions, Greater Noida \(office.com\)](#)


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Name of the event: FDP on "Mobile Application Development"

Date of the event: 6-07-2020 - 11-07-2020

No. of Participant: 25

Summary of the event:

Dronacharya Group of Institutions, Greater Noida conducted a "**Faculty Development Programme (FDP)**" on "**Mobile Application Development for Android**" by the Faculty members. **Mr. Probeer Shaw** from ECE department was the speaker of the session. **25 faculty members** attended the workshop. This program provided a great opportunity to the participants to acquire knowledge about development and organizing various Mobile Application Development and thus transferring the acquired knowledge to the students.

It was a 6 day workshop and covered the topics - Introduction to Mobile Apps, Android UI, Android Architecture, Activities, Intents, Web View, Image, Audio and Video Processing, Data Storage, SQLite, SMS, Calling, Email, Sensors & Location based Services, Client-Server Programming, Bluetooth & WiFi, Web services in Android, Case Studies and Mini Project.

On the last day of FDP, faculty members were required to submit the copy of the project undertaken by them.



Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

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Name of the event: Material Processing

Date of the event: 13-07-2020 to 18-07-2020

No. of Participant: 10

Summary of the event:

One week FDP on “Material Processing” : 13th – 18th July, 2020 Dronacharya Group of Institutions, Greater Noida organized a one week FDP session on “**Material Processing**” from **13th – 18th July, 2020**. Faculty from Mechanical Department, **Mr. Vishnu Kuntal** was the expert speaker of the session. **10 faculty** members attended the FDP.

The objective of the session was to make the attendees aware of the changes in the material processing industry and the future scope of acquiring knowledge in the domain of materials and manufacturing.

DRONACHARYA
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FACULTY DEVELOPMENT PROGRAMME
on

MATERIAL PROCESSING

13th – 18th July, 2020

Link of the Event: [Dronacharya Group of Institutions, Greater Noida \(office.com\)](https://www.dronacharya.edu.in/)

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Name of the event: Mind Control: Managing Your Mental Health During COVID-19

Date of the event: 20-07-2020 to 25-07-2020

No. of Participant: 35

Summary of the event:

Dronacharya Group of Institutions, Greater Noida, organized **one week FDP** on “**Mind Control Managing Your Mental Health during COVID-19**” over virtual platform. **35 faculty** members attended the FDP. **Prof. S.K. Srivastava** was the eminent speaker of the FDP.

He spoke on the importance of keeping calm in the tough days when the entire country is going under the ill effects of Covid-19. He laid stress upon exercising and practicing yoga on a regular basis to keep good mental health. Everyday 30 minutes session to carry breathing exercises and doing simple exercises was also carried. Advantages of healthy diet habits and maintaining appropriate weight is also important to keep good physical and mental health.

He also advised the faculty members to listen to soothing music everyday so as to relax and refresh the mind. He also guided all to follow a routine, minimize newsfeeds, control anxiety and screen time. He advised about controlling depression and also told as to how to stay calm in isolation period if one is affected with coronavirus.

In total, the entire one week session proved to be very useful for all.



Link of the Event: <https://gnindia.dronacharya.info/events/Mind-Control-Managing-COVID-19%20-20-25-July-2020.aspx?Month=Jul&Year=2020>

Director
Dronacharya Group of Institutions
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Name of the event: APPLIED MICROSOFT .NET FRAMEWORK PROGRAMMING

Date of the event: 21-06-2021 -26-06-2021

No. of Participant: 1

Summary of the event:

Dronacharya Group of Institutions, Greater Noida, organized **one week FDP session** on **“Applied Microsoft .Net Framework Programming”**. **22 faculty** members attended the FDP. The speaker of the session was **Prof. Bipin Pandey**.

He said over the years, computing routines have changed. Today, computing routine is becoming more and more reliant on Webbased services.

He described how to properly implement the operations that all objects must display. Specifically, he talked about object equality, identity, hash codes, and cloning. He explained how Microsoft .NET Framework provides powerful technologies such as ASP.NET Web Forms, XML Web services, and Windows Forms to streamline emerging applications and components that work seamlessly on the Internet.

The faculty members were highly benefited through the session.



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Academic Session 2019-20

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Name of the event: Industrial visit to Yakult Danone India Pvt. Ltd.

Date of the event: 26-09- 2019

No. of Participant:2

Summary of the event: An Industrial visit to **Yakult Danone India Pvt. Ltd.** for First Year B.Tech students was organized on **26th September 2019** by the Department of Applied Sciences and Humanities, **Dronacharya Group of Institutions, Greater Noida**. 36 students along with **Mr. Lalit Aditya Kaushal** Assistant Professor of Applied Sciences and Humanities Department went for this technical excursion.

The prominent objective of the visit was to incorporate the basic ideas about the significance of Probiotics and how to pragmatise it.

The visit was initiated with a presentation which started with the Emergency Exit plan of the area as it is a part of the organisation's OHSAS certification programme followed by another presentation by a Yakult professional who discussed the epistemology and etymology of the product including its scope, validity and market status. **Ms. Yamini Prajapati** explained how the journey of **Yakult Danone Pvt. Ltd** began in 1930 with **Dr. Minoru Shirota**, who conducted research in a Microbiological lab at the **Medical Faculty of Kyoto** in Japan. He was the first person in the world to attain success in it. The bacterium was named "**Lactobacillus casei Shirota strain**".

Students proceeded for the next phase in which they witnessed the steps performed in the process of manufacturing of Yakult probiotic health drink. Queries raised by the students were attended to by **Ms. Yamini Prajapati**.

The last interactive session was held with regard to the difference in yakult's packaging of the product in different countries. The involvement and the discussion signified great interest of the students in understanding the procedure. The importance of the Research & Development cell in judging the quality of the product attracted the students.

The visit came to an end with a Group Photo session.

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Link of the Event:

<https://gnindia.dronacharya.info/events/IndustrialvisittoYakultDanoneIndia.aspx?Month=Sep&Year=2019>

Director
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Name of the event: Workshop on eSim

Date of the event: 21-09-2019

No. of Participant:1

Summary of the event: A one day **Workshop on eSim, first course in the IoT series for teachers** was conducted by **Indian Institute of Technology, Bombay**, on **21st September 2019 at Dronacharya Group of Institution, Greater Noida through A - View**. The workshop was meant for faculties from technical institutions to enhance the skills which in turn would be beneficial for students. The workshop was organized under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)** funded by the **Ministry of Human Resource Development, Government of India**.

36 participants from technical institutions across the state participated in this workshop which was coordinated by **Mr. Probeer Sahw, Assistant Professor and HOD-ECE & EEE, Dronacharya Group of Institutions, Greater Noida (RC-1316)**.

The workshop was inaugurated by **Prof. Kannan Moudgalya, Principal Investigator, PMMMNTT, IIT Bombay** and **Prof. Pramod Murali, Faculty, IIT Bombay**. **Prof. Moudgalya**, during his brief on the workshop, said that **eSim** is an **open source EDA tool** for circuit design, simulation, analysis and PCB design. He added that this workshop is the first course in the IoT series which will be followed by workshops on **Arduino** and **PLC**. **Prof. Moudgalya** briefly described the role of simulation and impact of simulation on the current industry. He had assigned the task to perform the simulation on eSim and verify with the hardware module.

After the inaugural session the participants attended the lab session in which they performed various tasks using eSim. They created circuit schematic and performed simulations of basic electronic circuits. They were provided with Astable Multivibrator hardware on which they performed certain experiment and ran simulation using eSim. Participants then verified the simulation results using the hardware. The entire session was conducted by side-by-side learning method.

The workshop ended with a doubt clearing session by IIT-Bombay FOSSEE Team through A-VIEW.

Video Links : AView Sessions

Session 1 : <https://www.youtube.com/watch?v=hC1vpHxYVRc>

Session 2 : <https://www.youtube.com/watch?v=7Ve-Q7f0eUs>

Session 3 :

<https://www.youtube.com/watch?v=3m0lvvtEqY>

Session 4 :

<https://www.youtube.com/watch?v=exHKWahr3c8>

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Link of the Event:

https://gnindia.dronacharya.info/events/One_Day_Workshop_on_eSim_24092019.aspx?Month=Sep&Year=2019

Name of the event: Awareness program on "Support for Entrepreneurial and Managerial Development of MSMEs through incubators"

Date of the event: 6/9/2019

No. of Participant:1

Summary of the event: **MSME** conducted an Awareness program on "Support for Entrepreneurial and Managerial Development of MSMEs through incubators" at **DGI, Greater Noida** on **6th September 2019**. The objective was to promote and support untapped creativity of individual and to promote adoption of latest technologies in manufacturing as well as knowledge based innovative MSME ventures. Following dignitaries graced the occasion :

- **Vijay Kumar – Director, MSME – DI, Okhla**
- **A. K. Ojha – Asst. Director, MSME – DI, Okhla**
- **Neeraj Sharma – Asst. Director, MSME – DI, Okhla**
- **V. K. Jain – Sr. Manager IPR, NRDC**

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Prof. (Dr.) Ashish Soti, Director, DGI welcomed the guests and motivated the students to be innovative and creative. Routine work will not make anyone successful and thinking out of box is required. Students should be thoughtful and look for opportunities to exploit new findings. Theoretical aspects of engineering must be translated into live products and systems for benefit of society.

Prof. TPN Singh, Advisor (R&D) impressed upon the students to be always inquisitive and search for solutions to overcome problems. Action must be taken at the appropriate time lest doom will take over. Kodak, one of the giant companies of the world employing more than 80,000 personnel had to close down and declare bankruptcy as it did not embrace digital photography in time.

Mr. Vijay Kumar gave the key note address and explained the awareness program which was basically to sensitize and create awareness amongst MSMEs and students about the benefits of various schemes which shall be funded by GOI. The various stakeholders like MSME, Engineering colleges, Technical institutes, R&D Institutes etc. should evolve strategies for solving problems arising during execution of technical activities undertaken through the schemes. Workshops will be organized by NMIU/IA with involvement of various stakeholders which shall be funded by MSMEs. GOI Grant in aid support will be provided to approved Host Institutes for incubation related defined activities.

Mr. Neeraj Sharma explained the various schemes in detail and the process of registration of Institute as Host Institute to set up Business Incubator. The host Institutes should encourage participation from women/SC/ST candidates for inclusive implementation of scheme. Host Institutes will also be provided grant for procurement and installation of plant and machinery including hardware and software. Grant in aid will also be provided for developing and nurturing ideas. Assistance will also be given as seed capital to deserving incubatees. A national monitoring and implementation unit (NMIU) shall be set up in the office of DC(MSME) for facilitation, implementation and monitoring of the scheme involving Implementing agencies. Portals will be developed online for proposals to be submitted to Implementing Agencies who after due vetting will put up to PMAS through NMIU for consideration and approval.

Mr. V. K. Jain gave detailed analysis of Intellectual Property rights. He described the various types of IPR and the importance of Patenting. The entire procedure of applying for patent and addressing the observations were explained by him.

Prof. TPN Singh rendered the vote of thanks and the event ended at **3.30 pm**.



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Link of the Event:

<https://gnindia.dronacharya.info/events/AwarenessProgram.aspx?Month=Sep&Year=2019>

Name of the event: Survey Camp to Pandoh Dam, Mandi, Himachal Pradesh

Date of the event: 19-10-2019 – 23-10- 2019

No. of Participant:2

Summary of the event:

ASCE Student Chapter of Dronacharya Group of Institutions, Greater Noida, organized a Survey Camp to Pandoh Dam, Mandi, Himachal Pradesh. The camp was a five day tour to Himachal Pradesh from 19th – 23rd October, 2019 for the students of V Semester B.Tech Civil Engineering. During the trip, students visited Hydroelectric Power Project in Sunder Nagar which is managed by Bhakra Beas Management Board (BBMB).

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20th October 2019

The students led by the faculty member, **Mr. Gaurav Kumar** reached Sunder Nagar and went to BBMB Hydroelectric Power Project. They were briefed about the working principles of Pandoh Dam by the supervising authority.

The guide explained the agricultural and economic benefits of the project, dead storage cleaning process, filtration of suspended solids before they enter the turbines, type of turbine used etc. **Er. S Kumar** said that the dam was constructed in 1977 with majority of work being done manually. Even now the data management system of the dam is effectively run manually.

The water is used for power generation at the Dehar Power House before being discharged into the Sutlej River, connecting both rivers with the help of an underwater tunnel of nearly 13Km.

After the visit to Sunder Nagar Power Project, the team headed for Manali.

21st October 2019

The team went for the "**Survey Camp-2019**" at Rohtang Pass, where they practiced Closed Compass Traversing. Prismatic Compass was used for the Closed Traversing.

22nd October 2019

In morning, students were taken to Kullu where they did the survey of undulated area of hilly terrain using Total Station.

23rd October 2019

The students went for the sightseeing and later headed back to Greater Noida.

Students took good interest and completed the survey work successfully. Overall it was a knowledge enriching and a motivational trip for the students.





Link of the Event:

<https://gnindia.dronacharya.info/events/SurveyCampatManali.aspx?Month=Oct&Year=2019>

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Name of the event: Industrial Visit To VStacks Infotech Pvt. Ltd., Noida

Date of the event:16-11-2019

No. of Participant:2

Summary of the event: Department of **Applied Science and Humanities, Dronacharya Group of Institutions, Greater Noida** organized an Industrial Visit to **vStacks Infotech Pvt. Ltd.**, Noida on **16th November, 2019**. 42 students of **I Year CSE** visited vStacks Infotech along with **Asst. Prof. Lalit Aditya Kaushal** and **Asst. Prof. Rajat Kumar**. The purpose of the visit was to make the students familiar with new development in customized software developing.


Upon reaching the development center, students were welcomed by **Mr. Irfan Kazmi**, Chief Operating Officer - VStacks Infotech. Introducing the company he said that vStacks Infotech is a professional software development and service provider company, offering high-quality solutions to businesses. Founded in 2014, it offers a variety of cloud-based services hosted on its own, state of the art – Data Centre, in Florida US.

Ms. Hima Dogra, Product Specialist, shared the expertise of the company, i.e., Web Applications, Cloud Computing, Consulting and Mobile Applications. She also discussed about the product portfolio and products produced by their company.

Mr. Kundan Kumar - Executive, elaborated on the softwares which their company is using, like **eZnet, ERP, POS, HRMS, Stores, LHS, Chat and CRM**.

During the visit, the students also understood the importance of cloud computing and its three major categories namely **IAAS, PAAS, SAAS**. **Mr. Kundan** also discussed **Cloud Desktops**.

The visit was educative and interactive in which students took keen interest. It concluded with a long interactive session which enriched the students' knowledge in modern technologies.



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Link of the Event: <https://gnindia.dronacharya.info/events/Industrial-Visit-17122019.aspx?Month=Nov&Year=2019>

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Name of the event: One Day Workshop on Arduino For Teachers

Date of the event: 8/2/2020

No. of Participant:1

Summary of the event: A one day workshop on **Arduino, a course in the IoT series for teachers** was conducted by **IIT, Bombay**, on **8th February 2020** at **Dronacharya Group of Institutions, Greater Noida through A – View (RC-1316)**.. The workshop was organized under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)** funded by the **Ministry of Human Resource Development, Government of India**.


The workshop was meant for faculties from technical institutions to enhance the skills which in turn would be beneficial for students.

6 participants from Technical Institutions participated in the workshop which was coordinated by **Ms. Payal Garg, Assistant Professor, ECE Department, Dronacharya Group of Institutions, Greater Noida**.

The workshop was inaugurated by **Prof. Kannan Moudgalya, Principal Investigator, PMMMNTT, IIT Bombay** in the presence of **Dr. G.V.V Sharma, Associate Professor, IIT Hyderabad. Prof. Moudgalya** during his brief on the workshop told the importance of Arduino and its possible applications.

Following the inaugural session, the participants attended the lab session where they performed various tasks using Arduino. They started with basic sessions like blinking an LED and tricolour LED, which went onto creating wireless links using wifi modules and other components. The entire session was conducted by side-by-side learning method.

The workshop ended with a doubt clearing session by IIT-Bombay FOSSEE Team through A-VIEW.



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Link of the Event: <https://gnindia.dronacharya.info/events/Workshop-on-Arduino-20022020.aspx?Month=Feb&Year=2020>

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Name of the event: Visit to Auto Expo Component 2020

Date of the event: 6-02-2020 - 9-02-2020


No. of Participant:1

Summary of the event: **IMEchE Student Chapter, Dronacharya Group of Institutions, Greater Noida, Top Engineering College in Greater Noida** organized a visit to “**Auto Expo Component 2020**” to explore new innovations in automotive world and to get knowledge of new technology, concepts and trends on **7th February 2020**. Students of 4th and 6th semester ME Department along with faculty members **Dr. Vineet Kumar Yadav** and **Mr. Harshit Kumar** visited **Auto Expo**.

The 15th Auto Expo 2020 - Components organized jointly by Automotive Component Manufacturers Association (ACMA), Confederation of Indian Industry (CII) and Society of Indian Automobile Manufacturers (SIAM).

With the theme "Automotive Technologies that Driver the World", Auto Expo New Delhi 2020 - Components was based on a special focus on technologies driving product innovation, efficient manufacturing and logistics.

Students visited several stalls and saw the components and vehicles displayed by the manufacturer. Manufacturers from several sectors had put their product on display The visit provided the platform for students to generate inquiries and one to one interaction directly with component manufactures. It was nice learning experience for students.



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Link of the Event: <https://gnindia.dronacharya.info/events/Auto-Expo-Component-2020.aspx?Month=Feb&Year=2020>

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Name of the event: Industrial Visit to SSV Rubber

Date of the event: 4/9/2019

No. of Participant:2

Summary of the event: DGI-ISTE Student Chapter, Dronacharya Group of Institutions, Greater Noida organized an industrial visit to “SSV Rubber Private Limited (Solar Division)” on **4th September 2019**. 40 Students of B.Tech 1st year CE, ME, ECE and EEE Department along with **Dr. S. K. Srivastava**, Professor-Applied Sciences Department went for the visit.

The objective of the visit was to enhance technical and practical knowledge about manufacturing and production of solar water heater.

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**INDUSTRIAL VISIT
TO
SSV RUBBER PRIVATE LIMITED**

Date :
4th September, 2019

Organized By :
**DGI, ISTE
Student Chapter**

Link of the Event: <https://gnindia.dronacharya.info/events/Industrial-Visit-SSV-Rubber-4-Sep-2019.aspx?Month=Sep&Year=2019>

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Name of the event: 3-Days Management Development Program on “Effective Communication for Managerial Success”

Date of the event: 30-08-2019 - 1-09-2019

No. of Participant:1

Summary of the event: **Indian Institute of Management, Lucknow** in association with **Dr.A.P.J. Abdul Kalam Technical University (AKTU), Lucknow** organized a **3-Days Management Development Program** on “Effective Communication for Managerial Success” for AKTU affiliated colleges' faculty members from **30th August 2019 to 1st September 2019** at **IIM Lucknow, Noida Campus**. **Dr. Sahab Singh, Associate Professor, Department of Management Studies, Dronacharya Group of Institutions, Greater Noida** attended this valued program.

The goal of this **MDP** was to equip the participants with management skills to engage students for the smooth conduction of classes, sharpen their minds for solving the problems skillfully for the holistic development and improvement of young generation and to discuss a few strategies to make engineering education meaningful and human centric.

Inaugural Session :

Prof. (Dr.) Neerja Pande, Program Director-Effective Communication for Managerial Success, IIM Lucknow, Campus Noida & Professor of Business Communication, thanked **Prof. Vineet Kansal, Dean-UG, AKTU, Lucknow** for his praiseworthy contribution under the leadership of **Prof. Vinay Pathak, Vice Chancellor, AKTU** for taking several initiatives to equip AKTU affiliated engineering colleges' faculty members and administrative staff with management skills by providing excellent opportunities for better engineering education.

Dr. Pande welcomed the participants and invited them for lighting the candle and offer prayers to **Maa Saraswati**. **Dr.Pande** then shared some major achievement of IIM-L in her inaugural key address.

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Session : Day-1

Prof. Pande conducted a session on **how to behave with students**, suggesting the participants to :

- Be the change they want to see in this world
- never reject students' thoughts
- become a facilitator rather than an expert and all-rounder

She emphasized that a teacher can excel even in a challenging situation if he / she does not spend time in judging the students but take the initiative and become the role model.

Prof. Pande stressed upon the **3-M (Mind, Matter & Manner)** framework of persuasive communication.

Dr. Ajay Singh, Professor of HRM, IIM Lucknow, discussed how **“Cross Cultural Communication”** divides the world into two sets, **monochronic** and **polychronic**.

Prof. Singh stressed upon the importance of punctuality. Discussing brain-drain he said that though the best technical and managerial brains are in India but the gamblers who hire these brains are in United States.

Session : Day-2

Mr. Dipendra Rawat, a theatre trainer by profession, conducted several team building activities during his session on **“Leveraging Body Language & Presence”** to train the participants on proper delivery with action.

Dr. Nandita Roy, Professor of Communication, IIM Lucknow, shared her expertise during the session on **“Effective Communication”**. She explained how one can get a rich feedback from the audience, instead of asking “Any Questions?” after the successful delivery of lecture.

Dr. Roy insisted on using Google Drive for students' feedback since it is more effective instead of using paper & pen. She suggested that online data will help understand the leaders to take corrective action immediately.




Session : Day-3

Mr. Sharat Chander, former Media Advisor to **Prime Minister Shri Narendra Modi**, drew attention of participants by sharing a know-how on “**New Age Media for Effective Communication**” in India. He also explained why media is needed to give an extensive care during specific time in a specified area, and when and how it works effectively.

Prof. Pande said that teachers must always encourage their students and ensure their involvement in real and practical work. He suggested that a teacher must put his / her feet into the shoes of students to understand their specific issues.

Prof. Pande awarded the Participation Certificates to the participants during the Valedictory Session. He concluded the MDP with the quote, "**Desired goals can be achieved, if the motivation and engagement of students is done.**"




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Link of the Event:

https://gnindia.dronacharya.info/events/Management_Development_Program_18092019.aspx?Month=Aug&Year=2019

Name of the event: Workshop on LINUX

Date of the event: 23-08-2019

No. of Participant:2

Summary of the event: A one day **Workshop on Linux** was conducted by **Indian Institute of Technology, Bombay** on **23rd August 2019** at **Dronacharya Group of Institution, Greater Noida(IIT RC - 1316)** through **A - View**. The workshop was meant for faculties from technical institutions to enhance the skills which in turn would be beneficial for students and teacher from various technical institutes. The workshop was organized under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)** funded by the **Ministry of Human Resource Development, Government of India**.

30 participants from technical institutions across the state participated in this workshop which was coordinated by **Mr. Rajkamal K Gupta, Assistant Professor, CSE Dept, Dronacharya Group of Institutions, Greater Noida**.

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The workshop was inaugurated by **Prof. Kannan Moudgalya, Principal Investigator, PMMMNMTT, IIT Bombay** and **Prof. Pramod Murali, Faculty, IIT Bombay**. **Prof. Moudgalya** briefed the participants about LINUX, which is an operating system that works similar to Windows and Mac OS. As an operating system, Linux manages all hardware and provides services to other software needs to run.

While explaining the features of Linux, **Prof. Pramod Murali** said though using Linux initially may be a little challenging, but once you know your way around Linux, you'll be using the command line and installing packages at ease. This workshop was aimed at easing the world of Linux.

Giving a brief of the course, **Prof. Kannan Moudgalya** - Spoken Tutorial Coordinator, IIT Bombay said that FOSSEE (Free / Libre and Open Source Software for Education) project at IIT Bombay has been promoting LINUX, and other FLOSS software, such as Python, Scilab, OpenFOAM, eSim, Osdag, OpenModelica, DWSIM & R, and Open Source hardware, such as Arduino and OpenPLC. FOSSEE is also funded by NMEICT, MHRD. Government of India has mandated the use of open source software.

After the inaugural session the participants attended the lab session in which they accustomed themselves in using Linux.

The workshop ended with a doubt clearing session by IIT-Bombay FOSSEE Team through A - VIEW.

Video Links : AView Sessions

Session 1 : <https://www.youtube.com/watch?v=EaSKXXFSVH8>

Session 2 : <https://www.youtube.com/watch?v=njGxHK-v498>

Session 3 : https://www.youtube.com/watch?v=v1JcsXI_HP4





Link of the Event:

https://gnindia.dronacharya.info/events/Workshop_on_LINUX_30092019.aspx?Month=Aug&Year=2019

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Name of the event: Cisco Networking Academy Workshop on Computer Network

Date of the event: 17-08-2019

No. of Participant:6

Summary of the event: A one day workshop on "**Computer Network**" was organized for the students of **Smt. Brahma Devi Saraswati Balika Vidya Mandir** on **17th August 2019** at **Dronacharya Group of Institutions, Greater Noida**. The workshop was attended by two faculty coordinators and 26 students of Std.11th and Std.12th. **Mr. Manoj Kumar Yadav, Instructor of Cisco Networking Academy at Dronacharya Group of Institutions** conducted the workshop.


The objective of the workshop was to enhance the technical and practical knowledge of the participants in the field of Computer Networking.

The session started with a lecture on Networking Module. **Mr. Yadav** explained Exploring the Network, Configuring a Network Operating System, IPv4, Network Protocols and their Communications.

Mr. Yadav also discussed how multiple networks are used in everyday life and the usage of the topologies and devices in a small - to medium-sized business network through practical exposure on CISCO-Packet Tracer Simulator.

Mr. Manoj Yadav conducted session on Ethernet, Network Layer and Transport Layer. He explained the operation of the Ethernet sub-layer, the purpose and characteristics of the Ethernet MAC address.

The concluding session was devoted to question answers and interaction with the students.



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Link of the Event:

https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_2_03102019.aspx?Month=Aug&Year=2019

Name of the event: Workshop on Computer Network

Date of the event: 16-08-2019

No. of Participant:1

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Summary of the event: **Mr. Manoj Kumar Yadav, (Assistant Professor, Dronacharya Group of Institutions) Instructor of Cisco Networking Academy** conducted one-day workshop on "**Computer Network**" at **Bal Bharti Public School, Noida** on **16th August 2019**. 48 students attended the workshop.

The objective of the workshop was to make participant understand the actual process of network communication and the power of network protocols.

Mr. Manoj Yadav started the session with a lecture on Networking Module. Exploring the Network, Configuring a Network Operating System, IPv4, Network Protocols and their Communications were the topics explained by **Mr. Yadav**.

Later **Mr. Yadav** explained how multiple networks are used in everyday life and the usage of the topologies and devices in a small to medium-sized business network through practical exposure on CISCO-Packet Tracer Simulator.

Session on Ethernet, Network Layer and Transport Layer, operation of the Ethernet sub-layer, the purpose and characteristics of the Ethernet MAC address were explained by him.

At the end students cleared their doubts with **Mr. Yadav**.





Link of the Event:

https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_04102019.aspx?Month=Aug&Year=2019

Name of the event: Coordinators' Workshop on LINUX

Date of the event: 3/8/2019

No. of Participant:1

Summary of the event: A one day **Coordinators' Workshop on LINUX** was conducted by **Indian Institute of Technology, Bombay** on **3rd August 2019** at **Dronacharya Group of Institutions, Greater Noida (IITB Remote Centre ID : 1316)** and **139 other Remote Centers through A - View**. The workshop meant for faculties from technical institutes and schools was organized under the aegis of '**Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching**' (PMMMNTT), funded by the **Ministry of Human Resource Development, Government of India**.

Mr. Rajkamal Kishor Gupta from Dronacharya Group of Institutions, Greater Noida, nominated as the Coordinator, attended the workshop at DGI - Greater Noida.

Inaugurating the workshop, **Prof. Kumar Appaiah, Course Coordinator from IIT Bombay** briefed the participants about LINUX, which is an operating system that works like Windows and Mac OS. As an operating system, Linux manages all hardware and provides services to other software which they need to run.

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Giving a brief of the course, **Prof. Kannan Moudgalya** - Spoken Tutorial Coordinator, IIT Bombay said that **FOSSEE (Free / Libre and Open Source Software for Education)** project at IIT Bombay has been promoting LINUX, and other FLOSS software, such as Python, Scilab, OpenFOAM, eSim, Osdag, OpenModelica, DWSIM & R, and Open Source hardware, such as Arduino and OpenPLC.

Prof. Kannan Moudgalya later explained the roles and responsibilities of the RC and WS Coordinators for the **Main Workshop on LINUX** which is scheduled to be held on **23rd August 2019**.

During the successive sessions, participants were explained how to install LINUX, its uses and implementation.

The workshop ended with the Question & Answer and the Valedictory Session.

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IIT Bombay Remote Center Code : 1316

COORDINATORS WORKSHOP ON
LINUX

Funded By
Pandit Madan Mohan Malaviya National Mission
on Teachers and Teaching (PMMNMTT)
Ministry of Human Resource Development, Govt. of India

Coordinated By
Indian Institute of Technology, Bombay

Date
3rd August, 2019

Venue
Dronacharya Group of Institutions,
Greater Noida

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Link of the Event:

https://gnindia.dronacharya.info/events/Workshop_on_LINUX_23092019.aspx?Month=Aug&Year=2019

Name of the event: 3 - Days Management Development Program on "Design Thinking for Strategy and Innovation"

Date of the event: 6-09-2019 - 8-09-2019

No. of Participants:1

Summary of the event: **Indian Institute of Management, Lucknow** in association with **Dr.A.P.J.Abdul Kalam Technical University (AKTU), Lucknow** organized a **3 - Days Management Development Program on "Design Thinking for Strategy and Innovation"** for AKTU affiliated colleges' faculty members from **6th September 2019 - 8th September 2019**.

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Dr. Sahab Singh, Associate Professor, Department of Management Studies, Dronacharya Group of Institutions, Greater Noida attended this valued program.

The goal of this MDP was to equip the participants with management skills to engage students for the smooth conduction of classes, sharpen their minds for solving problems skillfully for the holistic development and improvement of young generation and to discuss a few strategies to make engineering education meaningful and human centric.

Inaugural Session : Day - 1

Prof. Sabyasachi Sinha, Associate Professor of Strategy, Entrepreneurship, and Innovation at IIM Lucknow, welcomed the participants and delivered a very informative session on strategy, factors affects strategy and how strategy works.

Prof. Sinha explained the difference between good and bad strategy. He put emphasis on creativity and innovation. He said that learning helps change our brain because new synapses, skills & experiences create new neural connections and this process strengthens synapses; reiteration and practice strengthens neural connections which lead to innovation.

Session : Day - 2

Prof. Sinha explained the ideation process and generation of new ideas in his lecture. He said that it is important to become innovator rather than showing excellency in research.

He also discussed "**Design Thinking Capability in VUCA World**" and explained Science vs. Engineering. He said that science has more to do with invention while engineering deals with exploitation of knowledge and application.

Session : Day - 3

Prof. Sinha conducted a session on the process of design thinking and explained its process, i.e., empathize, define, ideate, prototype and test.

He conducted a few activities to make the participants understand the value of design thinking.

During the **Valedictory Session**, **Prof. Sinha** awarded the participants with MDP certificates. He suggested that faculty must bring design thinking in application and help themselves manage time and issues effectively. **Prof. Sinha** concluded the MDP with the quote, "**Change the smell of the place to revitalize people**".



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Link of the Event:

https://gnindia.dronacharya.info/events/ManagementDevelopmentProgram_03102019.aspx?Month=Sep&Year=2019

Name of the event: National Faculty Development Program on Entrepreneurship

Date of the event: 16-12-2019 - 27-12-2019

No. of Participant:1

Summary of the event: **Entrepreneurship Development Institute of India, Gandhinagar, Gujarat** in association with **National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Government of India** organized a 2 week FDP on “**Entrepreneurship**” from **16th -27th December 2019**. **Dr. Sahab Singh, Associate Professor, Department of Management Studies, Dronacharya Group of Institutions, Greater Noida** attended the FDP.

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The objective of FDP was to groom potential scholars, to make them competent & innovative to fulfill the gaps in availability of indigenously trained educators and to create the resource person in entrepreneurship at higher educational institutions for the further strengthening of entrepreneurship education and research ecosystem in India.

Day 1

Professor (Dr.) Pankaj Bharti, Faculty of Management, Program Coordinator & an entrepreneurs greeted all and conducted a session to familiarize the participants through a well-planned activity.

Professor (Dr.) Sunil Shukla, Director General EDII, presented his views during his interaction with participants, the barriers of entrepreneurship which included Entry, Exit and Growth Barriers and how the EDII is playing its role in changing mindsets of people towards it.

Professor (Dr.) Satya Ranjan Acharya, stimulated the participants by saying, entrepreneurship is the heart of industry, which ensures the blood circulation in the body through start-ups for the holistic growth of any Nation, during the delivery of his lecture on “**Entrepreneurship & Start-ups**”.

Professor Pankaj Bharti, conducted a test to teach the participants how the entrepreneurial skills & attributes of individuals are measured through a General Enterprising Tendency Test (GETT), which helps stimulate them to step in the 1st generation entrepreneurship.

Day-2

Professor (Dr.) SB Sareen, discussed do's and don'ts of entrepreneurs, key components of enterprise creation process, sources of entrepreneurial supply & augmentation of it through inducement, during his delivery on “**ED Process**”.

Professor (Dr.) Amit Kumar Dwivedi, highlighted on Teaching Models of Entrepreneurship in Science & Technology Institutions, Entrepreneurship education, its streams, predictability and difference between new & existing enterprises. He also discussed the double diamond model of design thinking to develop the potential entrepreneurs through training interventions in his session.



Sh. Jignesh Virendra Shah, Chartered Accountant made participants learn the types of business, registration process and legal requirement to form the new business organization in India, through his lecture on “**Forms of Business and Statutory Requirements**”.

Day-3

Professor Bharti started the session on “**Entrepreneurial Motivation Training**” discussed the measurement of capabilities of individuals/entrepreneurs applying achievement, task & unrelated imagination in the practical life. He also put the participants in an activity to throw the wooden rings from different distance to make them stuck in a pole, which explains the capability of goal setting and level of risk taking behavior of an individual.

Finally he explained clearly, how an individual can reduce the risk to some extent by taking an action with hope of success.

Day-4

The day started with an activity “**Team Building & Leadership**” under the direction of **Professor Bharti**. He made two groups of 3 persons (Labour Person, Manager & an Employer) each to build a tower of wooden pieces. Tower was supposed to be ready by the labour person, using left hand only. Labour person was instructed by the manager and employer. It was an amazing activity, he taught participants about the leadership qualities through the activity.

Dr. Sanjeev Chaturvedi, Professor of Economics conducted a case study “**All the Wrong Moves**” of **Harvard Business Review** to discuss the decision making strategies, factors affect decisions and process of decision making.

Day-5

Dr. Rajiv Joshi, Associate Professor of Business Management & Entrepreneurship, IMT Nagpur conducted a 30 circle exercise to make participants understand their interest and motivated them to include some tools for making entrepreneurship education effective, through individual interaction during the session on “**Pedagogical Tools for Entrepreneurship Education**”.

EDII organized an industrial visit to **National Institute of Design (NID)**, where participants interacted with several incubators, who were running their own start-ups under the supervision of **NID**.



Day-6

Professor JB Patel, Visiting Faculty, EDII, shared his knowledge with participants using numerous examples like Tung Seeds & commercialization of these seeds in Mizoram State, import of jewelry from Indonesia & Thailand under Free Trade Agreement (FTA), Import of Raw Diamonds from Ghana & Belgium to discuss the employment opportunities through these activities. He stated about 65 operations are performed over a single piece of Diamond before it comes to the market for sale and approximately half a Million people are employed in this cluster of 30,000 enterprises in cutting and polishing job from Surat to Palanpur of Gujarat.

Day-7

EDII organized a visit to **Statue of Unity** on seventh day. The Statue of Unity is a colossal statue of Indian statesman and independence activist **Sardar Vallabhbhai Patel (1875–1950)**, who was the first Deputy Prime Minister and Home Minister of independent India and the chief adherent of **Mahatma Gandhi** during the non-violent Indian Independence movement. It is the world's tallest statue with a height of (597 ft) 182 metres.

Day-8

The eighth day started with the recap session, given by the participants. Then **Professor Patel**, took session on “**Business Plan Preparation & Technical Analysis**”. He discussed a case study on “**Equipment Selection for Vegetable Processing Enterprise**”. Also he imparted knowledge on how a business plan should be prepared and analyzed technically.

Professor Bharti delivered a session on “**Entrepreneurship Research**” and discussed how the researchers have defined the field exclusively in terms of, who entrepreneurs are and what they do. Also he defined the conceptual & empirical categories of research in detail, explaining the lack of conceptual framework phenomenon in entrepreneurship.

Professor Ankit Katrodia concentrated upon how a company makes its customers aware of its products or services through a market plan and how it describes the market pricing, company image, marketing tactics, media plan, and a marketing budget doing market analysis, during his session on “**Business Plan Preparation & Market Analysis**”.



Day-9

Professor Dwivedi conducted an activity on **Value Proposition: Business Model Canvas & Co-creation Approach** in three steps of 10 minutes each and explained the products & services to be produced by the producers which suit best the customers.

Step-1: Identifying & Building the 5 Ideas

Step-2: Discussion & Survey

Step-3: Creating Value Proposition Canvas for the selected Idea

Professor (Dr.) DM Pestonjee, explained the role set & role space clearly and discussed the roles of person through psychometric test to manage the imbalance at work, during his lecture on **“Entrepreneurial Stress & Management”**.

Day-10

Jignesh Shah, CA distributed a case study to make it solve using financial analysis like, cost management, material cost, labour cost, fixed cost, variable & semi variable cost and how the cost of unit can be reduced in some extent during his session on **“Business Plan Preparation & Financial Analysis”**.

EDII has provided an opportunity to learn and understand the functioning of industry through an industrial visit to **KAMAKSHI Flexprints Pvt. Ltd.**, printing & chemical company. **Mr. Harish Goel, Managing Director & 1st generation entrepreneur**, shared his experience how he came in entrepreneurship with positive mindset to start it and how the company jumped to 55 crores from 14 crore in short span of time.

Day-11

After recapping the previous day, the session on **“Promoting Entrepreneurship through Science and Technology”** was delivered by the **Mr. Prakash Solanki**.

Mr. Solanki communicated a very strong message EDI & Science and Technology are promoting the entrepreneurship since 3 decades and a separate union budget of approximate Rs. 400 Crores is made to the entrepreneurship by the **Department of Science and Technology** every year but hardly 40% of it is utilized by the institutions across the country.

He also suggested how many types of entrepreneurship programs are there, what are the objectives of these programs, how the institutions can avail the funds for these programs from the DST.



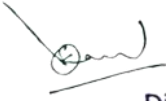
Day-12

Few groups were made by the **Professor Bharti** and instructed to design the syllabus for entrepreneurship programs either workshop or post-graduation.

All participants have done the same and presented their self-designed syllabus in an effective manner, and promised that they will implement this all in their own campuses in the future for the benefit of their students.

Professor Shukla, Director EDII, interacted with the participants during the valedictory session and motivated to continue these entrepreneurial activities in their institutions in future. Further he said teachers are the best assets, and EDII have chosen them to create the resource person for this valued mission. Then participants were awarded with the certificates at the end of the session.




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Link of the Event: <https://gnindia.dronacharya.info/events/EDII-Report.aspx?Month=Dec&Year=2019>

Name of the event: Orientation-cum-Workshop - Unnat Bharat Abhiyan 2.0

Date of the event: 2/12/2019

No. of Participant:4

Summary of the event: A One-Day Orientation-cum-Workshop was organized for Participating Institutes (PIs) under Unnat Bharat Abhiyan (UBA 2.0) at Dayalbagh Educational Institute (Deemed University), Agra on **2nd December 2019**. **Faculty members from Dronacharya Group of Institutions, Greater Noida, Dr.S.K.Srivastava, Professor, Department of Applied Sciences and Humanities and Mr. Rajranjan Prasad, Asst. Professor, Electronics and Communication Engineering** attended the workshop.

The Inaugural Session began with informative words of **Dr. Ashok Jangid, Coordinator RCI-DEI, UBA 2.0, Department of Physics & Computer Science, Dayalbagh Educational Institute**. He said that the conceptualization of Unnat Bharat Abhiyan started with the initiative of a group of dedicated faculty members of Indian Institute of Technology (IIT) Delhi working for long in the area of rural development and appropriate technology. The concept was nurtured through wide consultation with the representatives of a number of technical institutions, Rural Technology Action Group (RuTAG) coordinators, voluntary organizations and government agencies, actively involved in rural development work, during a National workshop held at IIT Delhi in **September, 2014**.

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Mr. Ajayveer Singh Yadav, Deputy Director, Social Welfare Department, Agra Mandal was the Chief Guest of this One-Day Orientation-cum-Workshop.

He emphasized upon the need for field work, stake-holder interactions and design for societal objectives as the basis of higher education and to foster a new dialogue within the larger community on science, society and the environment and to develop a sense of dignity and collective destiny.

Prof. Anand Mohan, Registrar - Dayalbagh Educational Institute discussed the vision of Unnat Bharat Abhiyan. He said that Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. He also discussed the Mission of Unnat Bharat Abhiyan. He said that Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying developmental challenges and evolving appropriate solutions for accelerating sustainable growth

It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

After tea break the session started with the Frame work of plan of action and funding and convergence by **Prof. Priyanka and Prof. Vivek, IIT Delhi**. They explained about the plan of action for villages, i.e.,

- Awareness camps for water management, water safety.
- Awareness about natural ponds and their cleanliness from weeds and cleanliness campaign by students to clean the ponds.
- Awareness and cleanness of natural water resources like step well, wells etc.
- Awareness and use of twin bin system in each home and waste management and recycling and revising.
- Placement of Garbage bins in the village.
- Construction of water tank for conserving water from the natural spring.
- Solar light in public places in the village.

They also discussed the funding part of project related to Unnat Bharat Abhiyan.



Prof. Prem Saran Triumalani, DEI Dayalbagh, discussed about DEI's contribution in enhancing livelihoods of local street food vendors. He said that DEI Dayalbagh and local food authorities started training session for street food vendors on subjects including health, hygiene, safe food handling, waste food disposal and entrepreneurship. At these trainings, vendors learn about how to handle food with gloves, hand washing, storage techniques, proper washing of fruits and vegetables, personal hygiene and entrepreneurship.

Prof. K. Soami Daya, DEI Dayalbagh, said that DEI aims to serve as an exemplary model of education, covering the entire spectrum of knowledge and wisdom, to selflessly serve mankind by evolving a race of supermen, who possess the virtues to resolve the grave global challenges and establish a more humane and enlightened society.

After Lunch break session started with field experience in different areas.

Dairy - The field experience was shared by **Prof. Prem Saran Titumalai**. He said that Dairy Science focuses on the production and manufacturing of all dairy products, including milk. Entering this field requires knowledge of animal nutrition, reproduction, lactation and business.

Gawashala - The experience was shared by **Prof. Suneshwar Prasad**. He said Gaushalas are protective shelters for cows in India. They focus on treating cows well and consequent cultural sensitivity towards their welfare. As the initial step in this, indigenous bullocks are being distributed to various Goshalas for the development of breed. People have been visiting for the study and training on cow development from various parts of the state.

Textile Lab - The experience was shared by **Prof. Payal Bhatnagar**. She discussed the textile industry in India which traditionally, after agriculture, is the only industry that has generated huge employment for both skilled and unskilled labour. The textile industry continues to be the second-largest employment generating sector in India. She also explained that Handbag Design and Manufacturing.

The Orientation-Cum-Workshop ended with the certificate distribution by **Dr. Ashok Jangid, DEI Dayalbagh** and the Vote of Thanks by **Dr. Ranjit Kumar, Department of Chemistry, DEI Dayalbagh**.



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Link of the Event: <https://gnindia.dronacharya.info/events/Unnat-Bharat-Abhiyan-17122019.aspx?Month=Dec&Year=2019>

Name of the event: Workshop on Combating Fraud Activities using Data Science

Date of the event: 11/1/2020

No. of Participant:1

Summary of the event: To study the impact of fraudulent activities in Social Science, Journalism, Product Reviews, Forged Imagery, Cybercrime, and Finance, a workshop on “**Combating Fraud Activities using Data Science**” was organized by Laboratory for Computational Social Systems (LCS2) at IIIT Delhi on **11th January 2020**. **Mrs. Neelam Bhardwaj, Assistant Professor, Dronacharya Group of Institutions, Greater Noida** attended the workshop.

The workshop started with the lighting of lamp by **Mr. Ranjan Bose** (Director IIIT Delhi), **Dr. Tanmay Chakraborty** (Assistant Prof. IIIT Delhi) and **Mr. Shad Akhtar** (Assistant Professor, IIIT Delhi). Next **Mr. Ranjan Bose** gave the welcome speech.

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Next session was the keynote presentation by **P.N. Vasanti** (Director General, Center for Media Studies). She told, CMS has the distinction of setting up the first Media Lab in India that studies trends in both electronic and print media along with developing strategies, which meet the needs of the media world. She further explained many media channels are showing fake news and fake news go viral immediately. She explained to the participant not to immediately believe, what is shown on media or on any of the social platform. Just go through all the concept and reality behind the information before believing the information.

Dr. Sriparna Saha (Associate Professor, IIT Patna) took the next session and explained microblog summarization. She explained social networking sites such as Twitter have become the primary sources for real-time information of ongoing events such as political rallies, natural disasters etc. At the time of occurrence of natural disasters, it has been seen that relevant information collected from tweets can help in different ways. Therefore, there is a need to develop an automated microblog/tweet summarization system to automatically select relevant tweets.

Continuing the workshop there was a presentation by two Ph.D students namely **Shivangi Singhal** and **Sarah Masud**. Both of them explained their research paper and new techniques used in their research to verify the online frauds using Data Science.

Dr. Deepak Padmanabhan (Lecturer, Queen's University Belfast) took the session and explained the fake news detection. He said, a plenty of social media platforms are available to exchange information rapidly. Such a rapid propagation and accumulation of information form a deluge, in which it is hard to believe all the pieces of information since it appears to be very realistic. In this context, characterizing and recognizing misinformation, especially, fake news, is a highly recommended computational task as this can mislead others. He explained Data Types for Fake News. He further told, fake news characterization and detection are the computational studies that focus to get rid of the highly malicious news creation and propagation. He then explained Two Families of Approaches i.e ML Approach and DB Approach.

Next **Dr. Tanmoy Chakraborty** (Assistant Professor, IIITD) told about their LCS2 (Laboratory for computational social system). He told all the ongoing working projects and proposed work being carried on in their Lab. He also told about the funding and scholarship received to them from different govt. and private agencies.

In the lunch break there was a poster session in which ongoing research paper of the students of IIITD were shown.

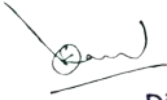
Next **Ms. Anushree Bishnoi** and **Mr. Ankur Pandey**, Founder of Unfound AI took the session. They told about their organization and how they deal with fake news. They told UnFound is a powerhouse of deep learning based Natural Language Processing techniques. They use their own technology to signal content's credibility, fact check claims and surface contrasting viewpoints for a complete understanding of any topic.

Next **Mr. Girish Keshav Palshikar** (TCS Research) and **Dr. Vikram Goyal** (Head and Associate Professor IIIT D) explained the techniques they have used in data science for fake news detection.

Last session of the workshop is the research paper presentation by the PhD student of **IIITD Subhabrata Dutta**.

Workshop ended with the certification distribution ceremony and vote of thanks by **Dr. Tanmoy Chakraborty**.




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Link of the Event: <https://gnindia.dronacharya.info/events/CoFAD-DGI-17012020.aspx?Month=Jan&Year=2020>

Name of the event: e-Yantra workshop on "Introduction to Robotics"

Date of the event: 7-01-2020 - 8-01-2020

No. of Participant:6

Summary of the event: A two-day e-Yantra workshop on "**Introduction to Robotics**" was conducted by **e-Yantra, IIT Bombay** on **7th - 8th January 2020** at Cluster Innovation Centre, Delhi University, Delhi. Best faculty members of **Dronacharya Group of Institutions, Greater Noida Mrs. Lily Kumari** and **Mr. Chandan Choubey** Assistant Professor, ECE Department, **Mr. Dharmendra Pal** and **Mr. Pradeep Singh Chauhan** Assistant Professor CSE Department attended the workshop.

e-Yantra is a **MHRD** sponsored initiative by IIT-Bombay under the **National Mission on Education through ICT (NMEICT)** program to create the next generation of embedded systems engineers with a practical outlook to help provide practical solutions to some of the real world problems.

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Day 1 : 7th January 2020

The workshop was inaugurated by **Prof. Shobha Bagai**, Coordinator Cluster Innovation Centre, Delhi University. Prof. Bagai, said, such workshops are intended to allow the faculties from institutes to keep upgrading their technical skills in the field of robotics. She welcomed **Mr. Abhijeet Pandey** and **Mr. Sachin**, Sr. Technical Project Assistants from e-Yantra, IIT-Bombay who were also the trainers of the workshop.

Mr. Abhijeet Pandey started the session with an introduction to e-Yantra and eLSI (e-Yantra Lab setup Initiative). eLSI enables colleges to setup embedded system and robotics lab and provide training to the teachers to effectively use the lab. He continued the session with detailed description of the Fire Bird V Robot, the robotic platform on which the participants worked during the workshop. Further, he discussed specification and the working of each component of Fire bird V and the microcontrollers used in the robots ATmega 2560 AVR. He further explained programming in Embedded C using Atmel Studio 6-6.2.1563 platform.

Next Live training session started by simply blowing the buzzer and move towards the motion controller of the robotics which helps participants to move the robot in all directions and create S shaped path. Further participants worked on glowing of alternate LED's on various different situations.

Later, **Mr. Sachin** upgrades the difficulty level on the motion of robot by introducing the velocity control functions under the topic Pulse Width Modulation (PWM) which helps in rotating the motors on different speeds.

At the end of day first **Mr. Abhijeet** gave several problems for enhancing the practical and technical knowledge.

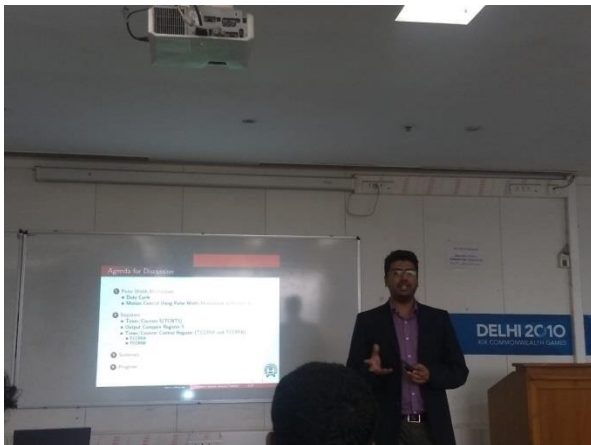
Day 2 : 8th January 2020

Mr. Abhijeet Pandey started his first session of the day on basic concepts of LCD Display and its interfacing with the AtMega2560 Microcontroller. Later on all the participants displayed various alphanumeric strings like IIT-BOMBAY, DRONACHARYA, and **08-01-2020** on the LCD.

After performing the **LCD interfacing** participants moved toward the **ADC interfacing** module. In this module detail knowledge of **ADC** and **DAC interfacing** was illustrated. He had given the basic concept of set and reset.


In the next session, **Mr. Sachin** described the white line follower concept and its programming to the participants. The workshop ends with doubt clearing session.

The workshop was interesting and interactive with ample hands-on sessions.



Link of the Event:

<https://gnindia.dronacharya.info/events/Faculty-attended-E-yantra-Workshop.aspx?Month=Jan&Year=2020>


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Name of the event: Workshop on C & C++

Date of the event: 29-02-2020

No. of Participant:1

Summary of the event: A one day **workshop on C & C++** was conducted by **Indian Institute of Technology, Bombay** on **29th February 2020** at **Dronacharya Group of Institutions, Greater Noida (IIT RC - 1316) through A - View**. The workshop was meant for faculties from technical institutions to enhance the skills which in turn would be beneficial for students and teachers from various technical institutes. The workshop was organized under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)** funded by **the Ministry of Human Resource Development, Government of India**.

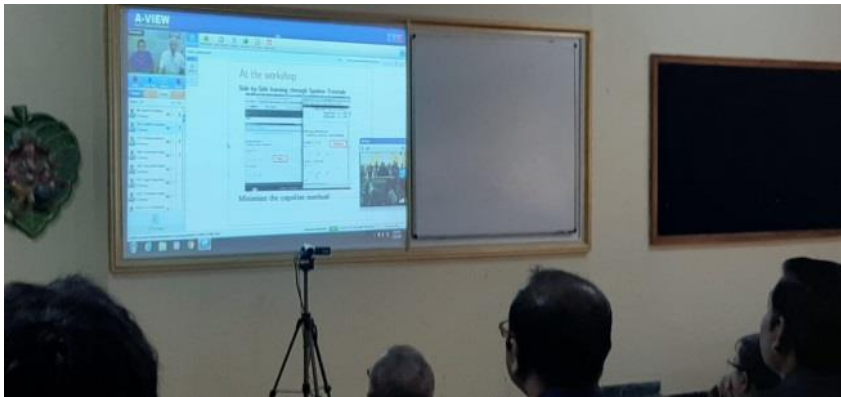
25 participants from technical institutions across the Greater Noida Region participated in the workshop at **Dronacharya Group of Institutions, Greater Noida (IIT RC - 1316)** which was coordinated by **Mr. Bipin Pandey, Assistant Professor, CSE Department, Dronacharya Group of Institutions, Greater Noida**.

The workshop was inaugurated by **Prof. Kannan Moudgalya, Principal Investigator, PMMMNTT, IIT Bombay**. **Prof. Moudgalya** briefed the participants on C & C++ and how they are useful in current scenario.

Giving a brief of the course, **Prof. Kannan Moudgalya** - Spoken Tutorial Coordinator, IIT Bombay said, FOSSEE (Free / Libre and Open Source Software for Education) project at IIT Bombay has been promoting R, and other FLOSS software, such as Python, Scilab, OpenFOAM, eSim, Osdag, OpenModelica, DWSIM & LINUX, and Open Source hardware, such as Arduino and OpenPLC. FOSSEE is also funded by NMEICT, MHRD. Government of India has mandated the use of open source software.

After the inaugural session the participants attended the lab session in which they have a hand on session using spoken tutorial. Last was the question and answer session. The workshop ended with valedictory session by IIT-Bombay FOSSEE Team through A - VIEW.

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Link of the Event: <https://gnindia.dronacharya.info/events/Workshop-on-C-Cplusplus.aspx?Month=Feb&Year=2020>

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Name of the event: 3 - Days Education Professionals' Development Programme

Date of the event: 21-02-2020 - 23-02-2020

No. of Participant:1

Summary of the event: **Entrepreneurship Development Institute of India (EDII)** organized a 3 day FDP on **Education Professionals' Development Programme** from **21st - 23rd February 2020**. Faculty member **Mr. Vineet Kumar Mishra** (HOD ME Department), **Dronacharya Group of Institutions, Greater Noida** attended the programme.

The objective of the FDP was to inculcate the shades of Entrepreneurship Teaching to the academicians from colleges affiliated to **Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh.**

An upbeat tone for the programme was set right from the inaugural session by **Dr. Sunil Shukla**, Director General at EDII, shared insights on developing curriculum on entrepreneurship and stressed upon the importance of giving more weightage to Business Opportunity Identification and Business Plan/ Project in the courses. **Dr. Shukla** also explained the ways to understand perception of youth towards entrepreneurship as career option.

Various topics were covered by different faculty members, like Entrepreneurship Development Process and Start-up Ecosystem, Start-up Funding, Incubation Process, Role of Mentoring and Building Entrepreneurship Education.

Towards the end of the programme, the participants presented their action plans. Later participants shared their experience and appreciated the curriculum model like Startup ecosystem, interaction with young Startup, IPR, business ideation and model canvas.

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Link of the Event: <https://gnindia.dronacharya.info/events/Report-Education-Professionals.aspx?Month=Feb&Year=2020>

Name of the event: SPOC Felicitation Cum Awareness Workshop of NPTEL

Date of the event: 3/8/2019

No. of Participant:1

Summary of the event: A one day “SPOC Felicitation Cum Awareness Workshop of NPTEL” was conducted at IIT Kanpur on **3rd August 2019** for the existing local chapters SPOC’s and for newly created local chapters SPOC’s , IIT KANPUR.

Mr. Rajat Kumar attended the workshop on behalf of Dronacharya Group of Institutions, Greater Noida.



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Link of the Event: <https://gnindia.dronacharya.info/events/SPOC-Workshop-NPTEL-3-August-2019.aspx?Month=Aug&Year=2019>

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Name of the event: Short Term Course On "Internet of Things"

Date of the event: 9-09-2019 - 13-09-2019


No. of Participant:1

Summary of the event: The workshop on "Internet of Things" sponsored by AICTE was held at National Institute of Technical Teachers Training and Research (NITTTR Chandigarh), on **9th to 13th September, 2019.**

Total 29 participants have participated in this workshop. The workshop commenced with welcome speech by **Dr. Mala Kalra** (Assistant Professor, NITTTR Chandigarh) and welcomed the Expert and participant and explained the objectives and importance of the workshop.

Ms. JASMEET KAUR, Assistant Professor, Dept. of CSE, Dronacharya Group of Institutions, Greater Noida attended the workshop at NITTTR Chandigarh .




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Link of the Event: <https://gnindia.dronacharya.info/events/Short-Term-Course-Internet-Things-9-13%20Sep-2019.aspx?Month=Sep&Year=2019>

Name of the event: BMW SKILL NEXT Workshop on “Technical Skilling”

Date of the event 4/12/2019

No. of Participant:1

Summary of the event: **BMW SKILL NEXT** of **BME Group** conducted a one-day workshop on “**Technical Skilling**” under **SKILLNEXT PHASE-II** on **4th December, 2019**. The workshop was organized at **BME Group Training Centre, Gurugram**. Faculty members **Vishnu Kuntal**, ME Department from **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

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Link of the Event: <https://gnindia.dronacharya.info/events/BMW-SKILL-NEXT-Workshop-4-December-2019.aspx?Month=Dec&Year=2019>

Name of the event: Workshop on R

Date of the event: 17-12-2019

No. of Participant:1

Summary of the event: A one-day workshop on '**R Programming**' was organized at **Dronacharya Group of Institutions Greater Noida**, on **17th December, 2019**. The workshop was organized by the **Teaching Learning Centre (ICT)** at **IIT Bombay** under the scheme of '**Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching**' (**PMMMNMTT**), an initiative of the **Ministry of Human Resource Development, Government of India**.

22 participants from technical institutions across the Greater Noida Region participated in the workshop. The workshop was coordinated by **Mr. Rajat Kumar, Assistant Professor, CSE Dept, Dronacharya Group of Institutions, Greater Noida**.



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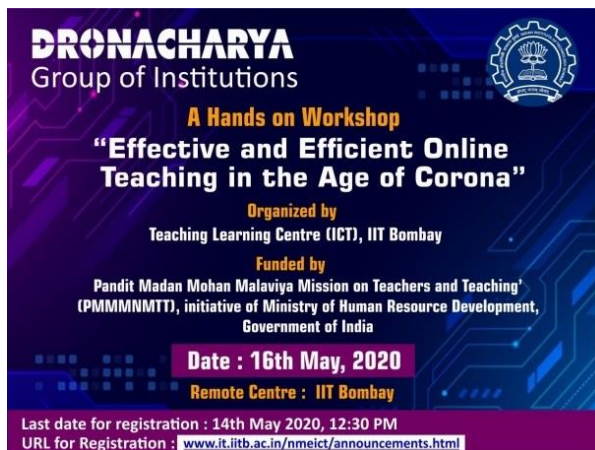
Link of the Event: <https://gnindia.dronacharya.info/events/Workshop-R-17-Dec-2019.aspx?Month=Dec&Year=2019>

Name of the event: Workshop on “Effective and Efficient Online Teaching in the Age of Corona”


Date of the event: 16-05-2020

No. of Participant:1

Summary of the event: A hands on workshop on “**Effective and Efficient Online Teaching in the Age of Corona**” was conducted at **IIT Bombay** on **16th May 2020**. The workshop was attended by faculty members from **Remote Centers of IIT Bombay** situated across the country. The workshop was being organized by the **Teaching Learning Centre (ICT)** at **IIT Bombay** under the scheme of '**Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching**' (**PMMMMNTT**), an initiative of the **Ministry of Human Resource Development, Government of India**. **Dr. Azad Singh, Assistant Professor, MBA Department** attended the workshop on behalf **Dronacharya Group of Institutions, Greater Noida**.



Link of the Event: <https://gnindia.dronacharya.info/events/Workshop-Effective-Efficient-corona-16-May-2020.aspx?Month=May&Year=2020>


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Academic Session 2018-19

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Name of the event: Summer Workshop : Life By Design

Date of the event: 21-07-2018 - 22-07-2018

No. of Participant: 4

Summary of the event: A **two days' Personality Development Programme, 'Life by Design'** was organized by the **Department of ECE EEE, Dronacharya Group of Institutions, Greater Noida** on **21st & 22nd July 2018**. The session was conducted by **Ms. Rasveen**, Assistant Professor Department of ECE & EEE.

In the inaugural session, **Hon'ble Director, Prof. (Dr.) Ashish Soti**, said that such workshops assist students to groom their personality and prepare them to be better individuals. He elaborated how an individual's personality is the sum total of the person's qualities, characteristics, attitude, quirks, psychological traits, beliefs and motives. This makes his identity. Personality development therefore means an improvement in all spheres of the individual's life, **Prof. Soti** stressed.

DAY-1, 21st July 2018

Ms. Rasveen focussed on the following points:

1. Analyzing strengths and weakness
2. Increasing Vocabulary
3. Corporate etiquette
4. Communication Skills - Listening, Speaking and Writing, Communication barrier
5. Building Self Esteem and Self Confidence

DAY-2, 22nd July 2018

The second day focussed on the following points:

1. Body Language Caveats
2. Group Discussion
3. Personal Interview Session
4. Current Affairs
5. Effective Resume
6. Practise Test of individual student on the above learning.

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During the feedback session, participants said that the workshop had instilled in them, a sense of confidence. They had learned the tricks to battle stage fear with improvement in their communication skill and current affairs knowledge.

Prof. Probeer Sahw, HOD, Department of ECE & EEE thanked the participants for their enthusiastic participation.

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SUMMER WORKSHOP

- Introduction to Proteus Design Tool
- Dronobotiks: Embedded & Robotics
- VHDL Programming
- Essentials of MATLAB & Simulink
- Life by Design: Personality Development

2nd To 21st July 2018
Organized By
Department of ECE & EEE
in Association with
IEEE **yantra**

Venue: Dronacharya Group of Institutions, Greater Noida | www.gnindia.dronacharya.info

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SUMMER WORKSHOP

on
Life by Design
Personality Development Program
Organized By
Dept. of ECE & EEE

20th to 21st July 2018
Instructor : Ms. Rasveen

Venue : CAB of Electronics Lab, Dronacharya Group of Institutions
Greater Noida

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Link of the Event:

<https://gnindia.dronacharya.info/events/SummerWorksho2018.aspx?Month=Jul&Year=2018>

Name of the event: Visit to Sewage Treatment Plant, Govindpuram (Ghaziabad)

Date of the event: 24-08-2018

No. of Participant: 2

Summary of the event: **Department of Civil Engineering, Dronacharya Group of Institutions, Greater Noida** organized a visit to **Sewage Treatment Plant (Ghaziabad Development Authority), Govindpuram, Ghaziabad** on **24th August, 2018**. Civil Engineering students of 3rd & 4th Year along with the faculty members **Mr. Sanjit Shrivastava and Ms. Swati Verma, Assistant Professors, visited the plant.**

The objective of sewage treatment plant visit was to make the students aware about various techniques and processes carried out during treatment of waste water.

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Students reached the site at **12:30 PM** and were welcomed by **Mr. Vivek Tyagi, Engineer-Incharge of the plant.**

Mr. Tyagi briefed the students about the process followed in treating the waste water. He explained the treatment process of removing contaminants from the waste water and produce treated water which is safe to be dumped into the rivers and canals.

Mr. Tyagi said that the primary treatment system consists of 3 stages of screening in which one of them is manual and rest is automatic. Screening removes objects such as rags, paper, plastics and metals and thus prevent damage and clogging of downstream equipment, piping etc. Sewage than flows into the sedimentation tank where heavier particles settle down. It finally goes into the aeration tank where dissolved oxygen (DO) level is maintained.

Explaining the further treatment, **Mr. Tyagi** demonstrated how partially treated water is then flown into the chlorination tank for chlorination. He said that the sewage treatment plant treats 56 million liters of water per day.

The visit helped students understand the operation process, maintenance cost and usage of treated water. Overall, the visit to **Sewage Treatment Plant** was very informative for both students and mentors as they learnt the basics of water treatment.



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Link of the Event:

<https://gnindia.dronacharya.info/events/SewageTreatmentPlant.aspx?Month=Aug&Year=2018>

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Name of the event: One Day Program on Preparing Students for Job Interviews

Date of the event: 28-09-2018

No. of Participant: 1

Summary of the event: **One Day Program on Preparing Students for Job Interviews** was organized through ICT at **Dronacharya Group of Institutions, Greater Noida** on **28th September 2018**. The program was conducted by experts from **Education & Educational Management Department, NITTTR , Chandigarh**, which included:

1. **Dr. S.S. Patnaik**
2. **Dr. Sunil Dutt**
3. **Er. Amandeep Kaur**

The objective of the program was to enable the participating students to understand the nuances of :

1. **Writing Job Resume**
2. **Participating in Group Discussion**
3. **Appearing in Job Interviews**

The session started at 10:00 AM with an Inaugural Address by **Er. Amandeep Kaur**. She set the deliverables of the program and the key take-aways from the session. She also advised the students to be very interactive and inquisitive during the session.

Er. Kaur described the effective way of **Resume Writing**. She described the three types of resumes which are ideal for submission from a fresher's perspective.

Next session was on **Group Discussion**. The expert guest, explained the students the correct postures while participating in the Group Discussion. She advised the students to make eye contact with all other participants as well as with the moderator. She also discussed about the tone, body language and the way to counter question during the GD. She also discussed the ways in which one can intervene politely and make a difference.

After the lunch break, the next session was on **Appearing in an Interview**.


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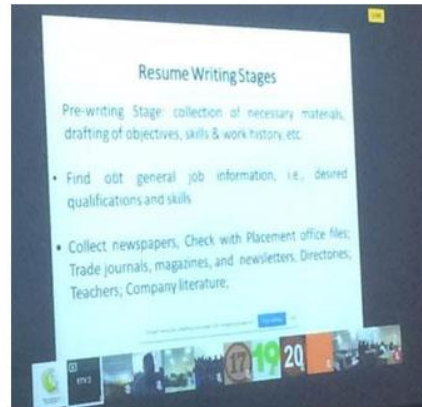
The expert guest discussed various forms of interview and how to combat them. She also discussed the importance of maintaining positive body language while being interviewed. She discussed the commonly asked questions in the interviews and advised the ways to answer them efficiently and effectively.

Er.Kaur did a demo interview in order to make the students understand in a better way.

The program concluded with the Vote of Thanks.




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Link of the Event:

<https://gnindia.dronacharya.info/events/OneDayProgramJobInterviews.aspx?Month=Sep&Year=2018>

Name of the event: Tech-O-Tonic

Date of the event: 26-10-2018 - 29-10-2018

No. of Participant: 1

Summary of the event: **Tech-O-Tonic : 2018**, a Tech Fest organized by **Department of Computer Science Engineering, Dronacharya Group of Institutions, Greater Noida** under the banner of **DGI-CSI Student Chapter** was held on **26th & 29th October 2018**.

During the two days, a number of events were conducted, which included **Tech-Talk** (Technical Poster Presentation), **Pro-Wizards** (Project Competition), **Code Race** (Coding Competition), **Marionette** (Mannequin Challenge), **Inquisition** (Treasure Hunt), **Just A Minute** (JAM), **Debate** (Hindi/English), **Check Your Knowledge**, **Photography**, **Spell Bee** and **Master of Code**.

The event was inaugurated on **26th October 2018** with the Lighting of Lamp by **Hon'ble Director DGI, Prof. (Dr.) Ashish Soti, Registrar Prof. B.L. Kaul, Advisor (R&D) Prof. T.P.N. Singh, HOD-CSE Ms. Monu Singh and Asst. Professor Mr. Bipin Pandey**.

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In the first day's event, **Tech-Talk**, the participants designed and presented posters on **Digital India**, Brain Finger Print Technology, 3D Internet, Artificial Intelligence and many other topics.

On the second, **Pro-Wizards** participants displayed their working prototype Projects. In the **Code Race**, programmers were given a set of questions and top ten participants were selected based on efficiency, accuracy and time taken for the completion of the program.

In **Marionette**, participants prepared a 1 minute video on randomly given topic, with a mannequin act.

The most awaited event **Inquisition** - hunt your treasure, was full of energy and enthusiasm.

The two day event was marked with learning, cooperation, innovation and team building.

The winners were awarded during the Valedictory Session.

Event faculty-coordinators, **Ms. Anjali Yadav & Mr. Rajat Kumar** proposed the Vote of Thanks.





Link of the Event: <https://gnindia.dronacharya.info/events/Tech-O-Tonic2018.aspx?Month=Oct&Year=2018>

Name of the event: Site Visit to B.S. Buildtech Pvt. Ltd.

Date of the event: 26-10-2018

No. of Participant: 2

Summary of the event: **ASCE Student Chapter, Dronacharya Group of Institutions, Greater Noida**, organized a **Site Visit to B.S. Buildtech Pvt. Ltd.** on **26th October 2018**. Students of 2nd and 3rd Year Civil Engineering along with faculty **Mr. Subhankar Debnath, Mr. Sanjit Srivastava and Ms. Swati Verma** visited the site.

The objective of the visit was to make the students aware of the latest techniques and machinery being used in the construction business.

Upon arrival at the site, students and staff were welcomed by **Mr. Arvind Rai (Senior Project Manager)** and **Mr. Vipul Kumar (Site Engineer)**. They guided the students to different sections at the site and explained them the vital aspects of civil construction. Students also witnessed the machineries used in excavation and laying of different types of foundation. **Mr. Rai** explained the operation and maintenance of the machines.

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Students were also taken to the construction yard where reinforcement and concreting work was in progress. **Mr. Rai** explained the importance of proper curing during the execution of work.

The visit to **B S Buildtech Pvt. Ltd.** was very informative and educative for the students as they learnt the basics of designing, construction of concrete frame structures and laying of different types of foundation.



Link of the Event:

https://gnindia.dronacharya.info/events/BS_Buildtech2018.aspx?Month=Oct&Year=2018


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Name of the event: Celebration of IEEE Day-2018

Date of the event: 10-01-18

No. of Participant: 2

Summary of the event: **DGI - IEEE Student Branch** celebrated **IEEE Day-2018** on **1st October 2018**. The event commenced in the presence of **Prof. (Dr.) Ashish Soti, Honorable Director - DGI, Prof. B. L. Kaul, Honorable Registrar - DGI** and **Mr. Probeer Sahw, HOD-ECE & EEE**.

Welcoming the guests, participants and the audience, **Mr. Sahw** informed that the theme of IEEE Day is "**Leveraging Technology for Better Tomorrow**". He said that it is an occasion when IEEE members join together to collaborate on ideas.

In line with the theme of the IEEE Day, **DGI-IEEE Student Branch** organized "**Teach n Preach**". In this event participants were called to give a 10 minutes demonstration/presentation on a selected scientific concept or contemporary technology. The participants were expected to explain the chosen topic in a very innovative and lucid manner to the audience within the stipulated time.

The participants chose contemporary and very interesting topics from varied field of science and technology to speak upon. The participants chose topics like **Cold Fusion, Virtual Reality, Dark Web, Artificial Intelligence, Protecting Yourself in a Digital World, Block Chain, Cloud Computing, Nanotechnology, Magic of Programming Languages and its Importance** and **Determine which Tech Trend Matters**. The event was highly informative and interactive. The participants put forward a highly researched presentation on their selected topics. The audience reciprocated with equal zeal by discussing and asking questions on the selected topics.

After a highly energetic session the following three participants were adjudged the winners of the event:

1. **First Position: Dravid Nagi, CSE, 3rd Year**
2. **Second Position: Utkarsh Singhal, IT, 2nd Year**
3. **Third Position: Aashika Rastogi, CSIT, 2nd Year**

The winners received books authored by **Prof. Stephen Hawking** in prize by **Mr. Sahw**, who also thanked all the participants and coordinators for their enthusiastic participation in the celebration of **IEEE Day**.

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Link of the Event:

<https://gnindia.dronacharya.info/events/CelebrationIEEEDay2018.aspx?Month=Oct&Year=2018>

Name of the event: Industrial Visit to Ashtech Industries Pvt. Ltd.

Date of the event: 28-02-2019

No. of Participant: 2

Summary of the event: **Department of Civil Engineering, Dronacharya Group of Institutions, Greater Noida** organized an **Industrial Visit to Ashtech Industries Pvt. Ltd.** on **28th February 2019** in association with **DGI ASCE Student Chapter**. Students of 2nd and 3rd Year, along with **Mr. Sanjit Srivastava and Ms. Ifrah Kathwari, Assistant Professor, DGI, Greater Noida** visited the site. The objective of visit was to give the students an outlook of the environment in a ready mix plant.

Upon arrival at the site, students were welcomed by **Mr. Basant Kumar (Project Manager)**. **Mr. Kumar** briefed the students about the environment and working conditions at the site. He also briefed them about the safety norms which are to be adhered to. **Mr. Kumar** then held a general discussion on the concrete and concrete mix design.

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Students were later taken to the quality control unit of the plant where the concrete cubes of different mix designs were being cast and tested for their mechanical properties. Students were explained about the ingredients and how the tests are conducted.


Students were then taken to the plant where the mix was being made. The plant comprised of silos having the capacity of 100 tones and 150 tones along with the belt conveyor and transit mixer.

A complete exposition was carried out for the students which included **the type of admixture used, the zone of sand used, the grade of cement and the mix design adopted. It also included the entire process of batching and mixing of concrete.**

Students were also apprised about the utility of flying ash in concrete mix. They witnessed the process of batching and proportioning of each constituent of concrete mix which were being done digitally.

The visit provided a great learning experience for the students.




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Link of the Event:

<https://gnindia.dronacharya.info/events/IndustrailVisitAshtech.aspx?Month=Feb&Year=2019>

Name of the event: 23rd International Engineering & Technology Fair (IETF)

Date of the event: 3-02-2019 - 5-02-2019

No. of Participant: 2

Summary of the event: The **23rd International Engineering & Technology Fair (IETF)**, the biennial flagship event of CII since 1975, was organized at **Pragati Maidan, New Delhi** from **3rd - 5th February 2019**

Students from the Department of CSE, ECE, EEE, CE and ME, **Dronacharya Group of Institutions, Greater Noida** visited IETF on **3rd & 5th February 2019**. They were accompanied by Faculty Members, **Mr. Rupam Bhagawati, Mr. Harshit Kumar, Mr. Rajeev Gupta & Mr. Abhay Raj.**

The event showcased the strength of Industry from around the Globe, where companies and organizations displayed their latest products and technologies. Around 500 companies from over 25 countries— India, Germany, Japan, Korea, Latvia, USA, Finland, Israel, Philippines, Ethiopia, Malaysia, Myanmar, Bangladesh, Canada, Denmark, Iraq, Nepal, Russia, Saudi Arabia, El Salvador, Ethiopia, Sudan, Uzbekistan, Ukraine, UK, South Africa, and Tunisia participated as exhibitors.

The 23rd IETF 2019 featured focused shows such as:

Learning and Skills EXPO 2019
Metal & Metallurgy Expo
CleanTech & Environment
India Industrial Automation & Robotics
Logistics
Real Estate & Building Technology

In addition to the above shows, there were a large number of concurrent shows held during IETF 2019 such as,

Artificial Intelligence
Health Tech India
India Gaming Show


Students visited several technical arenas and had the first-hand experience of latest technical innovations and developments achieved by these organizations.

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Dignitaries like Mr. Sachin Tendulkar, Mr. Rakesh Bharti Mittal, President CII and many others addressed the gathering.

The visit was a great motivating factor for the students as it inculcated in them the sense of innovation and creativity.




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Link of the Event:

<https://gnindia.dronacharya.info/events/InternationalEngineeringFair.aspx?Month=Feb&Year=2019>

Name of the event: Industrial Visit to Huawei Telecommunications Gurgaon

Date of the event: 02-02-19

No. of Participant: 2

Summary of the event: **Department of ECE & EEE, Dronacharya Group of Institutions, Greater Noida** organized an industrial visit to **Huawei Telecommunications, Gurgaon** for its 2nd and 3rd year B.Tech students. Faculties **Mr. Probeer Sahw, Ms. Payal Garg, Mr. Ravi Prakash Verma, Mr. Amit Jain and Mr. Abhay Raj** accompanied the students.

During the visit, the students learned about various aspects of **Information and Communications Technology (ICT)**. They got to know about various stakeholders and the dominant key players in the field of ICT, be it mobile service providers or active or passive network providers. They got a glimpse of the role and the responsibilities of an ICT engineer.

The students deemed the industrial visit as an informative and a learning experience.

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Link of the Event:

<https://gnindia.dronacharya.info/events/HuaweiTelecommunicationsGurgaon2019.aspx?Month=Feb&Year=2019>

Name of the event: International Yoga Day

Date of the event: 21-06-2019

No. of Participant: 15

Summary of the event: Yoga is an ancient physical, mental and spiritual practice that originated in India. The word '**Yoga**' is derived from Sanskrit and means to join or to unite, symbolizing the union of body and consciousness. Today it is practiced in various forms around the world and continues to grow in popularity.

Commemorating the International Yoga Day, the **NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized a Yoga Session in association with "**Art of Living**" **Center** on **21st June 2019** for the students, teachers and staff members of the college. The main aim of this program was to inculcate the habit of Yoga & Meditation amongst citizens of the society so that they can enjoy peace of mind and self-awareness which is the essence for a tension-free existence. More than 100 people participated in this program.

The session started with the floral welcome of **Ms. Ragini Singh, a Ministry of Ayush certified Yoga Expert** from **Sri Sri School of Yoga, Bangalore** by **Prof Ashish Soti, Director, Dronacharya Group of Institutions, Greater Noida**. After floral welcome, **Prof. Soti** addressed the audience and emphasized upon healthy development of mind, body and soul by mastering certain yoga postures. He also pointed out that everyone must practice yoga and make it a part of their daily routine in order to get a strong, flexible and energetic body.

After the welcome address of **Prof. Soti, Ms. Ragini Singh, Yoga Teacher** started the session. She demonstrated various asanas such as neck movement, trunk movement, knee movement, urdtadasan, trikonassan, urdchakrasan, vajrasan, shashkassan, urdhmachundrasan, padahastasan, urdhvastasan, shetubhadasan, pawanpuktasan, shawasan to the students, teachers and staff members of the college. She also explained the manner in which Yoga should be done, the precautions to be taken and its effect on the body and mind.

After the conclusion of the Yoga session, **Ms. Ragini** was presented with a memento by **Prof. Ashish Soti**.

Dr. S.K. Srivastava, Coordinator, DGI-NSS Wing proposed the Vote of Thanks.

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Samsung Triple camera
Shot with my Galaxy A50



Samsung Triple camera
Shot with my Galaxy A50



Samsung Triple camera

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Link of the Event:

https://gnindia.dronacharya.info/events/InternationalYogaDay_24062019.aspx?Month=June&Year=2019

Name of the event: Awareness Program on Dermatology

Date of the event: 21-08-2018


No. of Participant: 5

Summary of the event: **NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized an awareness program on “**Dermatology**” on **21st August, 2018**. All the B.Tech students and faculty members of the college attended the program.

The objective of the session was to spread awareness and prevention of derma next Skin & Hair. **Dr. Punit Pratap** was the expert speaker of the session. He told that these days hair and skin problems are seen in bulk among the youths. He advised students to keep good dietary habits, sleep patterns. He further added that stress levels also play an important role in keeping healthy skin and hair.

In the last, there was a doubt clearing session and students were benefited from the awareness session.




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Link of the Event: <https://gnindia.dronacharya.info/events/Awareness-Program-Dermatology-21-August-2018.aspx?Month=Aug&Year=2018>

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Name of the event: Police Ki Pathshala

Date of the event: 31-08- 2018

No. of Participant: 4

Summary of the event: **NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized an interesting and informative **awareness program** on "**Police Ki Pathshala**" on **31st August 2018**, in association with Amar Ujala. Prof. (Dr.) Ashish Soti , Director , Prof. S.K. Srivastava, NSS Program Co-ordinator, Ms. Devangi Grover , Mr. Prassan Sharma, Dr. Vandana K.Nair and **all the students** attended the session.

The objective of the session was to spread awareness in society-Not to feel fear; you can become eye and ear of police.

The session started with the welcome address of the Resource Person IPS Mr.Rajeev Narayan Mishra, SP – STF. He explained to the students about the positive role and bondage between police and public. He insisted that the present generation in police and public has to change their perception regarding police from an oppressor to a protector & friend. He motivated students particularly girls to raise their voice against any crime whether big or small.

Mr.Rajeev Narayan Mishra also said that if any student is having trouble at the time of coming from the college, then immediately complain by dialing 100. She made the students to take advantage of the women helpline being run by the government. He told that harassment complaints should be done on 1090. All the students were asked to avoid wrong message or video on the social site. He advised not panic while complaining to helpline number.

Sh. Arjun Nirala , News Editor - Amar Ujala discussed that awareness about road safety is mandatory not only among the public, but the police as well so that they take steps to prevent road accidents.

Mr. Rajeev Narayan Mishra concluded the session by solving the queries of the students. Students asked several questions directly with the police personnel and had a very informative understanding of the functioning of the Society and Police Force in general.

The session came to an end with the presentation of memento to Mr.Rajeev Narayan Mishra by Director of the college.

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Link of the Event: <https://gnindia.dronacharya.info/events/Awareness-Program-Police-Pathshala-31-AUG-2018.aspx?Month=Aug&Year=2018>

Name of the event: Renewable Energy India Expo

Date of the event: 19-09-2018

No. of Participant: 2

Summary of the event: **Dronacharya Group of Institutions, Greater Noida** organized an educational visit to “**Renewable Energy India Expo 2018**” at **India Expo Mart Limited** on **19th September, 2018**. Along with faculty member **Mr. Raj Ranjan Prasad, Mr. Ravi Prakash Verma, Ms. Rasveen & Ms. Payal Garg**, 43 students of ECE/EEE and ME visited the expo mart.

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The objective of the visit was to enhance the knowledge and skills in the applications of renewable energy resources, showcase product launches, innovations, and augment the forethought through the international exhibitions and conference platform. Also, students gained insights of understanding and learning the new market and upcoming business opportunities in the wind sector, on & off shore, in India & upcoming opportunities and Niche markets for Solar PV in India, shaping the future of Indian Solar & Trends and Technologies in Renewable Energy, embracing digitalization of Energy through data and technology and Solar Power in India/Energy Efficiency in Buildings and Green Cooling/Offshore Wind.

Students understood the key trends of the renewable energy. They understood the concept of energy from different sources like solar, wind and bio mass. Students understood that solar batteries at homes can store excess solar power for later use – at a time when the sun isn't shining. These batteries can also offer short-term backup power if there is a power shortage in the area. Waste management is a rising crisis in many Indian cities including most significantly its capital New Delhi. Waste-to-energy plants that would process the city's waste are seen as a viable solution for the future.

E-mobility can be viewed as a major step towards avoiding the consequences of climate change in the future. Given the vast potential of renewable energy, it has become important to enable stakeholders to integrate and manage the technical and financial performance of their energy portfolios. The IoT (Internet of Things) and Big Data analytics is the way forward and is set to revolutionize the sector.

Lot of excitement & enthusiasm was there among the students.



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Link of the Event: <https://gnindia.dronacharya.info/events/One-Day-Renewable-Energy-IndiaExpo-19-September-2018.aspx?Month=Sep&Year=2018>

Name of the event: Session on Hypertension

Date of the event: 26-10-2018

No. of Participant: 7

Summary of the event: **NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized an **awareness program** on “**Hypertension**” on **26th October, 2018** in association with the **Rotary Club of Green Greater Noida**. Prof. (Dr.) Ashish Soti , Director , Prof. S.K. Srivastava, NSS Program Co-coordinator, Ms. Devangi Grover ,Mr. Prassan Sharma Dr Vandana K.Nair and all students attended the session.

The objective of the session was to spread awareness and prevention of Hypertension. The session started with the welcome address of the Resource Person Dr. Aarthi Bansal, MD (Medicine). She said that hypertension is another name for high blood pressure. It can lead to severe complications and increases the risk of heart disease, stroke, and death. She further discussed that Blood pressure is the force exerted by the blood against the walls of the blood vessels. The pressure depends on the work being done by the heart and the resistance of the blood vessels. Dr. Aarthi Bansal highlighted that blood pressure is best regulated through the diet before it reaches the stage of hypertension; there is a range of treatment options. Lifestyle adjustments are the standard first-line treatment for hypertension. She emphasized to perform regular exercise, yoga and meditation for the perfect functioning of heart and controlling Blood Pressure.

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At the end, Dr. Aarthi Bansal answered the questions raised by the audience regarding hypertension. Dr. Aarthi Bansal was presented with a memento by Director DGI, Greater Noida for his valuable contribution in conducting the awareness session.

In the last, Dr. S.K. Srivastava, rendered Vote of Thanks.



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Link of the Event: <https://gnindia.dronacharya.info/events/Awareness-Program-Hypertension-26-October-2018.aspx?Month=Oct&Year=2018>

Name of the event: IRSC (Indian Road Safety Campaign) Workshop

Date of the event: 25-01-2019

No. of Participant: 1

Summary of the event: Workshop on “**Indian Road Safety Campaign (IRSC)**” was organized by **IIT Delhi** at G.H Rasoni Engineering College Nagpur, Maharashtra on **25th January, 2019. 85 students** along with faculty member Asst. Prof. Rupam Bhagawati attended the event IRSC workshop.

To understand safety measures and reduce road crash casualties was the main motive of the campaign. Road safety activities were aimed at making students aware about various safety measures available and the ways through which accidents could be avoided. Speeding limits and meaning of various signs was explained to all. They were also made aware about the first aid measures that need to be given in case of meeting with an accident.

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Students were benefitted a lot from this campaign.



Link of the Event: <https://gnindia.dronacharya.info/events/Indian-Road-Safety-Campion-25-Jan-2019.aspx?Month=Jan&Year=2019>

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Name of the event: One week Summer Workshop on AUTOCAD

Date of the event: 16-07-2018 - 21-07-2018

No. of Participant: 1

Summary of the event: A one week summer workshop on "**AUTOCAD**" was organized by **Mechanical Engineering Department** in association with **SAE India Collegiate Club of Dronacharya Group of Institutions, Greater Noida** during **16th -21st July 2018**. **Mr. Brijesh Verma**, Associate Professor (Mechanical Engineering Department) was the resource person for this workshop.

The objective of this workshop was to train student on various aspects of **AUTOCAD** and to expose them to the lucrative carrier in the field of design and development.

The workshop was inaugurated by **Hon'ble Director Prof.(Dr.) Ashish Soti**. He highlighted the importance of engineering drawing in the field of design and encouraged the participants to use software tools i.e. AUTOCAD for their project work. **Prof. B. L. Kaul, Registrar DGI Greater Noida** advised the students to be attentive and get benefited from such workshop.

16th Jul 2018

On first day **Mr. Brijesh Verma** started the session with a brief description of engineering drawing. He explained various types of letters and lines used in engineering drawing and further explained projection, section of solids and isometric projections. Students also got to learn First & Third angle projections and symbols of projections used in drawing.

In post lunch, **Mr. Verma** gave a brief introduction of **AutoCAD**. Students were informed about its first release and the revised versions launched thereafter.

17th Jul 2018

On the second day **Mr. Verma** described tool bar, menu bar, command window and status bar used in AutoCAD. He then explained the process of setting up the drawing environment. He discussed the Absolute and Relative Coordinate System. He further explained that Object Snap settings.

In post lunch session **Mr. Verma** started with 2D drafting command and explained how to draw lines, rectangles and circles in AutoCAD. Students also learned the usage of **DIMLINEAR**, **DIMALIGNED** and **DIMRADIUS** command.

18th Jul 2018

Mr. Verma continued the 2-D command session. He demonstrated various commands with examples such as COPY, MOVE, JOIN MIRROR, EXTEND and ROTATE commands.

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In next half, students learned how to draw polygon with inscribed and circumscribed condition. Then they were explained FILLET command, which is used to draw a radius between two intersecting lines or adjacent polyline segments. He later discussed the CHAMFER command that creates a chamfer between two non-parallel lines or any two adjacent polyline segments.

19th July 2018

On fourth day students worked on drawing sheets using AutoCAD commands.

In post lunch session students were explained the orthographic projection after which the students drew the front view, top view and side view with proper dimensioning. **Mr. Verma** then explained how to draw isometric projections in 3 dimensional axis.

20th Jul 2018

The day began with a session on layer command. Student learned how this command is used to depict different lines i.e. construction line, dimension line, part line etc.

During the post lunch session **Mr. Verma** discussed the commands for 3D Modeling. Several commands such as EXTRUDE, BOX, CONE and SPHERE were discussed. He emphasized on UNION, SUBTRACT and INTERSECT commands.

21st Jul 2018

Mr. Verma explained the usage of commands like **SWEEP, REVOLVE LOFT etc.** Participants applied these command to create 3D objects such as nut, bolt, spring etc.

In the post lunch session, a 2D Drafting Competition was held in which students were asked to complete 2D drawing worksheet within a given time frame. The workshop concluded with evaluation of drawings on the basis of time and quality of finish.

Students showed their keen interest in learning the fundamentals of the 2D Drafting and 3D Modeling on AutoCAD. The lectures, discussions and hands on practices on AutoCAD offered a lot to learn for the participants.



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Link of the Event:

<https://gnindia.dronacharya.info/events/OneWeekSummerWorkshop.aspx?Month=Jul&Year=2018>

Name of the event: Program on Core JAVA

Date of the event: 9-07-2018 - 20-07-2018

No. of Participant: 4

Summary of the event: **Department of Computer Science & Engineering, Dronacharya Group of Institutions, Greater Noida** organized a **Summer Training Programme on "Core JAVA"** during 9th - 20th July 2018. The training was imparted by **Ms. Shanthi Makka (HOD-CSE)** and **Ms. Kiran Singh (Assistant Professor, CSE)**.

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Students of B. Tech 2nd and 3rd year from various departments of the institution participated in this training. The training was organized as a part of institution's continuous effort of developing project based learning approach in students through practical sessions.

The program started with a motivating speech by **Honorable Director, Prof.(Dr.) Ashish Soti**. He encouraged the participants and suggested them to take up some projects using Java at the end of their training.

Prof. Shanthi Makka started the session with the basic concepts of Object Oriented Programming. She explained Objects, Classes, Inheritance, Data Abstraction, Polymorphism, Message Passing and Dynamic Binding along with real life examples. During the session, **Prof. Makka** also discussed the History and Features of Java, difference between JDK, JRE and JVM, Internal Details of JVM, Variable and Data Type, Advantage of OOPs, Application of OOPs, Java Tokens, Java Statements, command line arguments, constants, variables, scope of variables, Type Casting, Operators and Expressions, Operator Precedence and Associativity.

During another session, **Ms. Kiran Singh** explained how to set up a path and discussed about Decision Making & Branching Statements, Looping, Class, Objects & Methods, Constructor, Method Overloading, Static Members, Nesting Methods, Overriding Methods, Inheritance & its types, Final variables and Methods, Finalizer Methods, Abstract Methods and Classes, Visibility Control, Arrays, Strings and Vectors, String Comparison, Laboratory sessions were conducted on all days to make the participants understand the application of Core JAVA.

During another sessions, participants were explained the Wrapper Classes, Auto Boxing and Unboxing, Enumerated Types, Interfaces, Thread Priority, Synchronization, Managing Errors and Exceptions, Applet Programming, Passing Parameters to Applet, Graphics Programming, Managing Input and Output Files - Stream classes, Input and Output Exceptions, Creating Files,.

After the end of training sessions, students developed a project for Calculator using GUI and another project for Students' Record Management System by connecting MS-Access with Java by using MS-Access JDBC Driver.

The training concluded with the evaluation of projects and assignments submitted by the students.

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Department of CSE, CSIT & IT
SUMMER TRAINING PROGRAM-2018

- CISCO Routing & Switching Essential
- Core Java
- Arduino
- Reasoning & Aptitude, Verbal Ability

9th - 20th July 2018
Venue : Dronacharya Group Of Institutions, Greater Noida | Contact No.: 0120-2322022

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Link of the Event:

<https://gnindia.dronacharya.info/events/SummerTrainingJava.aspx?Month=Jul&Year=2018>

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Name of the event: Six Days Workshop on "Robotics and Embedded System"

Date of the event: 9-07-2018 - 14-07-2018

No. of Participant: 2

Summary of the event: The **Department of ECE & EEE, Dronacharya Group of Institutions, Greater Noida** successfully organized the **Six Days Summer Workshop on "Robotics and Embedded System"** from **9th to 14th July 2018** at DGI campus. The workshop was conducted under the banner of **e-Yantra Project, MHRD, Govt. of India** in association with **IIT Bombay**. **Mr. Amit Jain**, Assistant Professor, Department of ECE was the coordinator and instructor for this workshop.

The workshop started with inspirational address by Hon'ble Director, **Prof. (Dr.) Ashish Soti** on **9th July 2018**. He advised the participants to attend the workshop with full dedication and remain attentive and focused during the workshop. He motivated the students by asserting the importance of robotics in industries as well as in social life like sewage blockage removal etc. **Prof. Vinod kumar**, HOD, APS Dept., also encouraged the students and explained how robotics and automation have become technologies of change.

Day 1: 9th July 2018

Mr. Amit Jain began the session with the introduction of robot. He shared that the word robot was coined by a Czech novelist **Karel Capek** in a 1920 play titled **Rossum's Universal Robots (RUR)**. Robota in Czech is a word used for worker or servant. Robots can do repetitive jobs that are boring, stressful, or labour-intensive for humans. **Mr. Jain** then discussed the three laws of robotics and its history. He informed that the first programmable industrial robot was designed by **George Devol** in 1954 its name was **UNIMATE**, short name for **Universal Automation**. UNIMATE originally automated the manufacture of TV picture tubes. During the last session of the day, he discussed the basic components required for designing a robot. He later helped the participants in installing various software and drivers for practice.

Day 2: 10th July 2018

Day two started with the introduction to **Firebird V** platform and its types. **Mr. Jain** discussed about its technical specification, the sensors and actuators installed on it like sharp IR sensors, white line sensors, servo motors and geared motors. He explained how to use the Firebird V robotic research platform and its safety precautions.

In the next session **Mr. Amit Jain** explained **Atmega 2560 microcontroller**, its ports and how to access and configure the ports as input or output. He later helped the students in solving various examples of register value and buzzer interfacing.

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In the last session of the day, students wrote the C-program for buzzer interfacing.

Day 3: 11th July 2018

Day three was devoted to the study of sensors and communication methods. Students learnt about IR sensors, ultra sonic sensors, motion sensor and Gyroscope and GPS module. They came to know about the use of actuators like relay, position encoder, DC geared motors, grippers etc.

In the next session students were taught how to establish communication with the robotic kit, which may be wired communication like **USB Communication** and **Wired RS232 (serial) communication** or wireless communication like **Wireless Zig-Bee Communication, Wi-Fi communication** and **Bluetooth communication**

Day 4: 12th July 2018

On day four, **Mr. Amit Jain** began the session with the introduction to basic movements of robot, generating the logic table for direction control of robot. He then explained motor driver IC L293D and its interfacing with motor and microcontroller. He later made the students understand PWM signal generation in AVR for velocity control of DC geared motors

Day 5: 13th July 2018

Day five started with **LCD interfacing** tutorial. Students understood the control and data pins of LCD for interfacing it with the microcontroller, Atmega 2560. Students ran the LCD embedded C program and displayed their names and various strings on LCD. They also practiced motion control and velocity control embedded C program. In the last session they displayed various sensors values installed on the kit.

Day 6: 14th July 2018

On the concluding day of the training, **Mr. Amit Jain** explained **White Line Sensor Calibration**. Students got to know the procedure of generating the logics for white as well as black line following robot and direction change robot.

In the last session students generated logics for various path following robots and made their projects.

During the Valedictory **Prof. (Dr.) Ashish Soti** and **Registrar Prof. B.L Kaul**, congratulated the students on successful completion of their training.

Prof. Probeer Sahw, HOD, Department of ECE & EEE appreciated the participants for their enthusiastic participation. He thanked **Mr. Amit Jain** for conducting the workshop.



Link of the Event:

<https://gnindia.dronacharya.info/events/SummerWorkshopEmbeddedSystem.aspx?Month=Jul&Year=2018>

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Name of the event: Workshop on VHDL Programming

Date of the event: 4-07-2018 - 5-07- 2018

No. of Participant: 2

Summary of the event: The **Department of ECE & EEE, Dronacharya Group of Institutions, Greater Noida** successfully organized the **Two Days Summer Workshop on VHDL Programming** on **4th & 5th July 2018** at DGI campus. This workshop was conducted in association with **DGI- Institution of Electronics & Telecommunication Engineers (IETE) Student Chapter**. **Ms. Payal Garg**, Assistant Professor, Department of ECE was the coordinator and instructor for this workshop.

The workshop started with the motivational address by Hon'ble Director, **Prof. (Dr.) Ashish Soti** on **4th July 2018**. He advised the participants to remain attentive and focused during the workshop. He said that it is important for students to get well versed with such useful software which are relevant in industries.

Ms. Payal Garg began the session with the introduction of **VHDL (VHSIC Hardware Description Language)**. She said that VHDL is a hardware description language used in electronic design automation to describe digital and mixed-signal systems such as **Field-Programmable Gate Arrays (FPGA)** and **Integrated Circuits (IC)**. VHDL can also be used as a general purpose parallel programming language. The programming is done on **Xilinx ISE Tool (Integrated Software Environment)**.

During the pre-lunch session, participants learnt the basics of VHDL, its key features and characteristics. In the later half, they were demonstrated the methodology to work with the Xilinx ISE tool by implementing basic examples of Half Adder, Full Adder, Half Subtractor and Full Subtractor. Participants simulated the design on tool and implemented different modelling techniques as well.

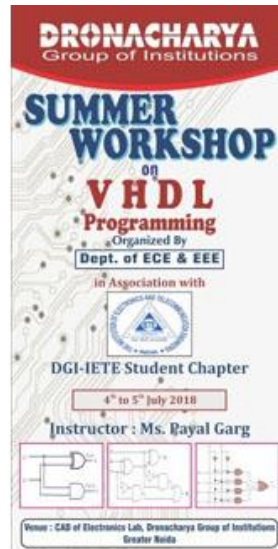
Ms. Garg started the second day's session with the description of test-bench codes, followed by different concurrent and sequential statements. Participants then designed some more codes for Multiplexers, Demultiplexers, Encoders and Decoders using different modeling techniques.

On successful completion of this workshop, the participants seemed confident enough to:

1. Design different models with various levels of complexity
2. Simulate their design and debug, if required
3. Use Xilinx for various project development

Prof. Probeer Sahw, HOD, Department of ECE & EEE appreciated the participants for their enthusiastic participation. He thanked Ms. Garg for conducting the workshop.

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Link of the Event:

https://gnindia.dronacharya.info/events/VHDL_Programming.aspx?Month=Jul&Year=2018

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Name of the event: Workshop on Introduction to Proteus Design Tool

Date of the event: 2-07-2018 - 3-07-2018

No. of Participant: 2

Summary of the event: The Department of ECE, EEE, **Dronacharya Group of Institutions (DGI), Greater Noida** in association with **DGI-Indian Society for Technical Education (ISTE) Student Chapter** organized two days workshop "**Introduction to Proteus Design Tool**" on **2nd - 3rd July 2018** at **DGI campus**. The workshop was conducted. **Mr. Ravi Prakash Verma**, Assistant Professor, Department of ECE & EEE.

The Summer Workshop 2018 was inaugurated by **Hon'ble Director - DGI, Prof. (Dr.) Ashish Soti**, who said that this kind of workshops help students to be industry ready. He motivated the students to be attentive during the workshop and stressed upon practical applications of the learning gained thereafter.

Introducing Proteus software package to the participants, **Mr. Verma** said that it is used for **Electronic Design Automation (EDA)** which is widely used to create schematics and electronic prints for manufacturing printed circuit boards. He said that it is also used for simulation and analysis of electronic circuits. The board under development can also be viewed in 3-D for better designing and analysis.

On the first day, participants learnt to simulate and analyse simple electronic circuits using ISIS module available in Proteus software package. Then they went onto simulate electronic circuits for 5V DC power supply, variable voltage modulator using LM317, buzzer system and learnt to leverage the use of oscilloscope.

Day two started with simulation of some more electronic circuits like DC Motor Drive, Stepper Motor Drive, Half and Full Wave Rectifier, Low Pass and High Pass Filters.

Later the participants were introduced to ARES, the PCB designing module available in Proteus software package. They designed various PCB layouts and also verified the design using 3D viewer. The workshop helped the participants learn:

- To leverage various features of Proteus software package
- To design and analyse various electronic circuits using ISIS module
- To design various PCB layout using ARES module
- To use Proteus for various project development

During the Feedback Session, participants appreciated the effort of the instructor, **Mr. Verma**. They were of the view that the learning they had from the workshop will help them in better designing and execution of their projects. **Prof. Probeer Sahw**, HOD, Department of ECE, EEE thanked the participants for their enthusiastic participation and successful completion of two days workshop.

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Link of the Event:

<https://gnindia.dronacharya.info/events/SumerWorkshop2018.aspx?Month=Jul&Year=2018>

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Name of the event: One Day Workshop on Web Development

Date of the event: 09-01-18

No. of Participant: 2

Summary of the event: **Department of Computer Science Engineering, Dronacharya Group of Institutions, Greater Noida** organized a **One Day Workshop on WEB DEVELOPMENT** on **1st September 2018** in association with **DGI-CSI Student Branch**. The workshop was organized as a part of institution's continuous effort of developing project based learning approach in students through practical sessions. The training was imparted by **Mr. Bipin Pandey**, Assistant Professor - CSE which was attended by CSE / CSIT students of B. Tech 2nd year.


The program started with a motivating speech by **Honorable Director, Prof. (Dr.) Ashish Soti**. He encouraged the participants and suggested them to take up some projects at the end of their workshop, based on web development.

Mr. Pandey started the first session explaining various software development building approaches which included a detailed discussion of client side and server side scripting including the theoretical concept of **DBMS**. He also explained how the data is actually migrated from client to server in real time systems using the concept of client server architecture.

During Session 2, **Mr. Pandey** conducted a session on **XHTML and CSS** followed by students creating complete web pages with various features.

The workshop concluded with the assignments discussion which has to be submitted by the students.

Ms. Monu Singh (HOD-CSE) proposed the **Vote of Thanks**.



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Link of the Event:

<https://gnindia.dronacharya.info/events/OneDayWorkshopDevelopment2018.aspx?Month=Sep&Year=2018>

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Name of the event: FACILITATION WORKSHOP ON DST-NIMAT PROJECT

Date of the event: 29-11-2018

No. of Participant: 2

Summary of the event: **EDII, Ahmedabad** and **Department of Science & Technology (DST), GoI** organized the **Facilitation Workshop on DST-NIMAT Project** at **ABES, Engineering College, Ghaziabad** on **29 Nov 2018**. **Ms. Usha Dixit**, Scientist E of DST was the chairperson. EDII was represented by **Mr. S. B. Sareen**, Project Director and **Mr. P. Prakash Solanki**, Faculty & National Project Coordinator. **ABES Engineering College** was represented by **Dr. G. Singh, Director**. **Prof TPN Singh, Advisor (R&D)** represented **Dronacharya Group of Institutions, Greater Noida**.

Mr. Mahendra Kumar Gupta, (Head Start-up Labs) Co-ordinator of the program gave a brief insight of the program and the eco system existing on entrepreneurship at **ABES College**. He was thankful to EDII and DST for the EAC Programs sanctioned and conducted by the college.

Dr. G. Singh praised the activities of **DST-NIMAT** and stated that innovation and creativity leading to entrepreneurship is the only recourse and option left for the students in the preset day scenario. Jobs are scarce and the day is not far when even high level institutes like IITs, NIT's will face placement vacuum. Students must nurture their dreams and invest time for their ideas to graduate to reality. He gave an example of the Chinese bamboo tree which shows no visible signs of growing in its first five years of existence but in the sixth year it shoots up by 80 feet above ground level. Likewise in the initial years, one must strengthen the roots by hard work and perseverance to reap dividends later. This is precisely the story of all successful start-ups.

Dr. Usha Dixit spoke on promotion of eco-system of entrepreneurship. Various programs have been initiated by DST towards meeting this cause. Some of these are **TBI program, Centre of excellence program, seed support system program for startups, fellowship program for graduate students, PRAYAS** etc. She advised that proposals can be put forward by Institutes to initiate programs as per their requirements and if found feasible shall be sanctioned by DST. She stressed on innovation which is flavor of the millennia. However, DST has certain expectations in terms of timely reporting and meeting of deadlines.

Mr. S. B. Sareen agreed with the unemployment problem projected by **Dr. G. Singh** and averred that the problem is global but developed countries have various mechanisms to counter the crunch. Demand for Quality education is increasing and job opportunities are dwindling. This mismatch can only be solved by entrepreneurship. In place of looking for jobs one must create jobs.

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Mr. P. Solanki rendered a detailed presentation on formats and proforma documentation. He explained the types of documents to be submitted for EAC programs. The format of Utilization certificate, Budgeted expenditure, Post program report was very adequately explained by him.

The program came to an end at 5.15 pm. Thereafter the interested participants were taken for a round of the incubation cell and the startups initiated by the students were demonstrated.



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Link of the Event:

https://gnindia.dronacharya.info/events/DST_NIMAT.aspx?Month=Nov&Year=2018

Name of the event: NPTEL : SPOC FELICITATION CUM AWARENESS WORKSHOP

Date of the event: 19-01-2019

No. of Participant: 2

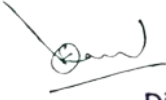
Summary of the event: A **one day Felicitation Cum Awareness Workshop of NPTEL SPOCs** was conducted at **Outreach Auditorium, IIT KANPUR** on **Saturday, 19th January 2019** for the existing and newly created **Local Chapters**.

Mr. Rajat Kumar, Assistant Professor attended the workshop on behalf of **Dronacharya Group of Institutions, Greater Noida**.

Inaugurating the workshop, **Prof. Vineet Kansal, Dean UG, Dr. A.P.J. Abdul Kalam Technical University, Lucknow** said that NPTEL is a smart learning platform which helps students to access quality material of any subject. He advised that it should be used for reference and not as a replacement of teachers and other traditional methods used for teaching. He asked the teachers to refer NPTEL as it helps teachers and educators to get access to quality content. **Prof. Kansal** informed that AKTU is planning to introduce more subjects through **Massive Open Online Courses (MOOCs)**.

Prof. Satyaki Roy, National Coordinator, NPTEL made a presentation on recent progress of NPTEL platform and informed about the changes made and the introduction of the new category in results in the form of silver medal. **Prof. Satyaki Roy** asked the colleges to motivate their students and help them reap the benefits of **NPTEL Courses**.

Mrs. Angana Sengupta, Local Chapter Coordinator - NPTEL, informed the audience about the new rating criteria for a mentor certificate, dynamic fee introduction and other modification in the rules.


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Several SPOCs shared their experiences and challenges faced by them at their respective colleges.

After the presentation sessions, certificates for Mentors and SPOCs were distributed by **Prof. Satyaki Roy**.

Prof. Vineet Kansal called a separate meeting of all AKTU affiliated colleges' SPOCs for discussion on courses conducted through MOOC from NPTEL and asked for suggestions on other courses which can be introduced through such platforms.

Vote of Thanks was proposed by **Mrs. Rajlakshmi Ganesh, Project Scientist**.

The workshop ended with the **Valedictory Session** followed by singing of **National Anthem**.





Link of the Event: <https://gnindia.dronacharya.info/events/SPOC2019.aspx?Month=Jan&Year=2019>

Name of the event: One Day Main Workshop On Moodle Learning

Date of the event: 15-03-2019

No. of Participant: 41

Summary of the event: A one day **Main Workshop On Moodle Learning Management System** was conducted by **Indian Institute of Technology, Bombay** on **Friday, March 15, 2019** at **Dronacharya Group of Institutions, Greater Noida (Remote Centre ID : 1316)** and **other 105 Remote Centers through A-View**. The workshop meant for Teachers and System Administrators was organized under the aegis of '**Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMNMTT)**, funded by **The Ministry of Human Resource Development, Government of India**.

48 participants, including those from **ABES Ghaziabad, Amity University Noida, Accman Institute Greater Noida, Kendriya Vidyalaya Greater Noida, Jawahar Navoday Vidyalaya Greater Noida and Dronacharya Group of Institutions, Greater Noida** attended the workshop. It was locally coordinated by **Mr. Probeer Sahw, HOD-ECE & EEE, DGI – Greater Noida**. The workshop was inaugurated by:

Prof. A. K. Suresh : Dy. Director, IIT Bombay
Prof. Kannan Moudgalya : PI- PMMMNMTT and Spoken Tutorial Project, IIT Bombay
Prof. Deepak Phatak : Retd. PI - PMMMNMTT, IIT Bombay

Inaugurating the workshop, **Prof. Kannan Moudgalya** reminded the participants Moodle has many built-in features ranging from the basics such as file upload, assignments, quizzes, notifications and advanced features such as forums, quiz, wiki, etc. that can be used by learners. It also has many easy-to-install plugins such as attendance, reminders, analytics etc. to supplement these features. Since the participants were expected to register on Spoken Tutorial portal prior to attending the workshop, **Prof. Moudgalya** said that he expected them to make themselves aware of handling all features during the Hands-On session.

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Prof. Deepak Phatak praised **Prof. Moudgalya** for his efforts in blending Spoken Tutorial with A-View and broadening its reach even to Polytechnic and School Teachers.

Prof. A. K. Suresh thanked **Prof. Moudgalya** for initiating the blended method of Spoken Tutorial workshops during the celebration of **60th Year of IIT Bombay's existence**.

Post the formal inauguration, participants had hands-on session where they watched several videos on Moodle, understood its features and attempted a few assignments.

During the Valedictory Session, **Prof. Moudgalya** informed that the Moodle Workshop may again be conducted to facilitate those teachers who have not been able to register and attend the first workshop.

Link to Valedictory Session: <https://www.youtube.com/watch?v=bajvvuPiCV0>

List of Participants @ DGI

1	Sahab Singh	Dronacharya College of Engineering, Greater Noida
2	Probeer Sahw	Dronacharya College of Engineering, Greater Noida
3	Anjali Yadav	Dronacharya Group of Institutions, Greater Noida

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4		Bipin Pandey	Dronacharya College of Engineering, Greater Noida
5		Ravi Prakash Verma	Dronacharya College of Engineering, Greater Noida
6		Shuchi Mathur	Dronacharya College of Engineering, Greater Noida
7		Rajat Kumar	Dronacharya College of Engineering, Greater Noida
8		Chandan Kumar	Dronacharya College of Engineering, Greater Noida
9		Honey Gupta	Dronacharya College of Engineering, Greater Noida

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10	Abhay Raj	Dronacharya College of Engineering, Greater Noida
11	Ankita Gangwar	Dronacharya College of Engineering, Greater Noida
12	Azad Singh	Dronacharya College of Engineering, Greater Noida
13	Jasmeet Kaur	Dronacharya College of Engineering, Greater Noida
14	Amit Jain	Dronacharya College of Engineering, Greater Noida
15	Md Faiz Ali	Dronacharya College of Engineering, Greater Noida



16	Mazhar Hasan	Dronacharya College of Engineering, Greater Noida
17	Md Shahbaz	Dronacharya College of Engineering, Greater Noida
18	Shourya Raj	Dronacharya College of Engineering, Greater Noida
19	Tanya Yadav	Dronacharya College of Engineering, Greater Noida
20	Raj Ranjan Prasad	Dronacharya College of Engineering, Greater Noida
21	Lily Gupta	Dronacharya College of Engineering, Greater Noida



22	Ashish Kukreti	Dronacharya College of Engineering, Greater Noida
23	Mahima Narula	Dronacharya College of Engineering, Greater Noida
24	Vinod Kumar	Dronacharya College of Engineering, Greater Noida
25	Puja Ranjan	Dronacharya College of Engineering, Greater Noida
26	Sunil Kumar Srivastava	Dronacharya College of Engineering, Greater Noida
27	Dinesh Kumar	Dronacharya College of Engineering, Greater Noida



28	Gudia Devi	Dronacharya College of Engineering, Greater Noida
29	Sumit Mishra	Dronacharya Group Of Institution
30	Shally Yadav	Dronacharya group of institution
31	Siddharth Chowdhary	Dronacharya College of Engineering, Greater Noida
32	Ranjeet Singh	Dronacharya College of Engineering, Greater Noida
33	Akanksha Garg	Dronacharya College of Engineering, Greater Noida
34	Sanjit Srivastava	Dronacharya College of Engineering, Greater Noida



35	Rajeev Gupta	Dronacharya College of Engineering, Greater Noida
36	Tapan Das	Dronacharya College of Engineering, Greater Noida
37	Pinkal Kumari Yadav	Dronacharya College of Engineering, Greater Noida
38	Mohit Singh Bhandari	Dronacharya College of Engineering, Greater Noida
39	Vishnu Kuntal	Dronacharya College of Engineering, Greater Noida
40	Pawan Kumar	Dronacharya College of Engineering, Greater Noida



Rajkamal
Kishor
Gupta

Dronacharya
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Engineering,
Greater
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Link of the Event:

https://gnindia.dronacharya.info/events/Moodle_Learning_Management_System_2019.aspx?Month=Mar&Year=2019

Name of the event: Two-Days e-Yantra Workshop on Introduction to Robotics

Date of the event: 26-04-2019 - 27-04-2019

No. of Participant: 5

Summary of the event: A **Two-Days e-Yantra Workshop on Introduction to Robotics** was conducted by **e-Yantra, IIT Bombay** on **26th and 27th April 2019** at **KEC, Ghaziabad**. e-Yantra is a **MHRD** sponsored initiative by IIT-Bombay under the **National Mission on Education through ICT (NMEICT)** program to create the next generation of embedded systems engineers with a practical outlook to help provide practical solutions to some of the real world problems.

Mr. Probeer Sahw, Asst. Prof. and HOD, ECE & EEE; **Mr. Ravi Prakash Verma**, Asst. Prof., ECE and **Mr. Vishnu Kuntal**, Asst. Prof., ME attended the workshop for **Dronacharya Group of Institutions, Greater Noida**.

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Day 1, 26th April 2019

The workshop was inaugurated by offering prayers to **Goddess Saraswati**. **Dr. Sandeep Tiwari**, Director, KEC in his opening remarks said that such workshops are intended to allow the faculties from technical institutes to keep upgrading their skills. **Dr. Sanjeev Kumar**, Dean-Academics, KEC and **Dr. A. N. Mishra**, HOD-ECE, KEC were also present in the inauguration ceremony. They welcomed **Mr. Avijit Pandey** and **Mr. Abhinav Sarkar**, Sr. Technical Project Assistants from e-Yantra, IIT-Bombay who were also the trainers of the said workshop.

Mr. Pandey started the session with an introduction to e-Yantra. He continued the session with detailed description of the Fire Bird V Robot, the robotic platform on which the participants worked during the workshop. He also gave detailed description of the ATmega2560 AVR Microcontroller which runs the Fire Bird V Robot. He went on to explain programming in Embedded C using Atmel Studio.

Later in the day, **Mr. Sarkar** delivered a session on how to control motion of the Fire Bird V Robot. He also explained the PWM Method to control the velocity of the robot.

After **Mr. Sarkar's** session, the participants performed the motion and velocity control experiments on the robot.

Day 2, 27th April 2019

Mr. Pandey started the first session with LCD programming. He made the participants use the robot to sense various parameters like object distance and battery voltage using on-board sensors and display the values on the on-board LCD. He then continued the session with Interrupt Programming.

In the post-lunch session, **Mr. Sarkar** described the white line follower programming to the participants. The session concluded with hands-on and doubt clearing.

All the participants appreciated the efforts put by Mr. Pandey and Mr. Sarkar in making the workshop interesting and interactive with ample hands-on sessions.



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Link of the Event:

https://gnindia.dronacharya.info/events/writeup_2019.aspx?Month=Apr&Year=2019

Name of the event: One Day Workshop on Scilab

Date of the event: 05-04-19

No. of Participant: 3

Summary of the event: A one day **Workshop on Scilab** for teachers was conducted by **Indian Institute of Technology, Bombay** on **4th May 2019** at **Dronacharya Group of Institutions, Greater Noida (Remote Centre ID : 1316)** through ICT. The workshop meant for faculties from technical institutes and schools was organized under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)**, funded by the **Ministry of Human Resource Development, Government of India**.

39 participants including those from **Dronacharya Group of Institutions Greater Noida, ACCMAN Institute of Management, MIET, Sharda University, Galgotias University, Shaheed Rajguru College of Applied Sciences for Women -Delhi, IIMT College of Engineering, Pragyan Public School and IEC College of Engineering and Technology** attended the workshop. It was locally coordinated by **Mr. Probeer Sahw**, HOD-ECE & EEE, DGI “ Greater Noida.

Inaugurating the workshop, **Prof. Kannan Moudgalya**, PI-PMMMNTT and Spoken Tutorial Project, IIT Bombay briefed the participants about Scilab. He explained its usage in Digital Signal Processing, Control Engineering, Statistical Analysis, Image Processing etc. After taking the queries from the participants he asked them to move to the respective labs and continue the Hands-on session.

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The participants went for the lab sessions where they watched tutorial videos on Scilab. They also gained a hands-on experience on Scilab through side-by-side method.

The following topics were later covered by the participants through video lecture:

Vector Operations
Matrix Operations
Conditional Branching
Iterations
Scripts and Functions
Plotting 2D Graphs
File Handling
Solving Non Linear Equations
Interpolation
Digital Signal Processing
Control Systems

The workshop ended with a doubt clearing session with Prof. Moudgalya.

Link to Introductory Session by Prof.Kannan Moudgalya from IIT Bombay
<https://www.youtube.com/watch?v=zQumrHpXYIQ>



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Link of the Event:

https://gnindia.dronacharya.info/events/Scilab_09052019.aspx?Month=May&Year=2019

Name of the event: Workshop on Smart Classroom

Date of the event: 24-06-2019 - 25-06-2019

No. of Participant: 1

Summary of the event: To keep the teachers abreast with the latest teaching learning process, using new teaching methods instead of traditional method, **IIT Bombay** conducted a two days **Smart Classroom Workshop** in its campus on **June 24th - 25th, 2019**.

The workshop was held as part of the IITB projects titled "**Bodhi Tree : A Platform for Improving Learning Outcomes using Online Interactive Courses and Assessed Labs**", funded by **Tata Center for Technology and Design (IIT Bombay)** and **Smart Classrooms : Teaching Aids for Effective Teaching in Large Classrooms** funded by **MHRD** under the **IMPRINT Scheme**.

Mr. Rajat Kumar, Assistant Professor, Dept. of CSE, **Dronacharya Group of Institutions, Greater Noida** attended the workshop at IIT Bombay for Dronacharya Group of Institutions, Greater Noida.

Prof. Bhaskaran Raman, Dept. of CSE, IIT Bombay, welcomed the participants and gave brief of the three software developed by IIT-Bombay Smart Classroom Team :

- **Bodhi Tree**
- **SAFE**
- **EVALPRO**

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Prof. Kameshwari Chebrolu, Dept. of CSE, IIT Bombay in her address to the participants said that in today's world, it's time to adopt Digital Books, Videos and new methodologies, instead of traditional methods of teaching. She mentioned a quote of **Benjamin Franklin**, "Tell me and I forget, teach me and I may remember, involve me and I learn"


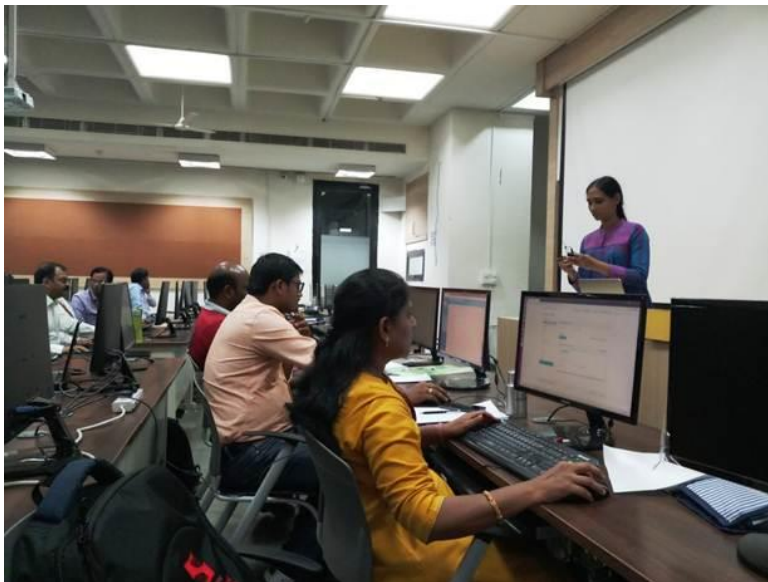
Prof. Kameshwari discussed the history of the development of the smart classroom concept. She said that the concept of smart class education is indeed a blessing to the students of the 21st century. It enhances the effectiveness of teaching and helps to maintain the students' interest and focus by engaging them fully for the entire learning experience.

After the Tea Break, **Prof. Kameshwari** conducted a session on Bodhi Tree Lab. She informed that it was successfully being implemented within IIT campus for several courses. She asked the participants to create their account on Bodhi Tree, create a dummy course, subscribe the course through the student login and start practicing as per instructions provided.

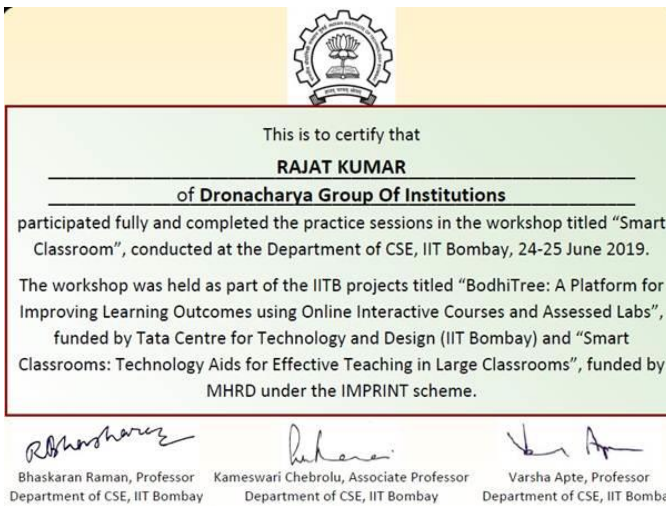
On Day-2, **25th June 2019, Prof. Bhaskaran Raman** conducted the session on **SAFE**. He asked the participants to download the SAFE Application and perform practical as instructed. He demonstrated how to conduct online test using SAFE app and also showed how to take attendance of students through SAFE app. He also discussed its safety features.

In the next session **Prof. Varsha Apte, Dept. of CSE, IIT Bombay** introduced **EvalPro** to the participants. EvalPro is like a **Integrated Development Environment (I.D.E)**, a web-based application which can greatly reduce the tedium of running a typical "lab" course in programming. It has features which can provide a practical lab online for online courses.

The workshop ended with the feedback session.




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Link of the Event:

https://gnindia.dronacharya.info/events/Workshop_on_Smart_Classroom_09092019.aspx?Month=June&Year=2019


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Name of the event: Workshop on Python

Date of the event: 22-06-2019

No. of Participant: 22

Summary of the event: A one day **main Workshop on Python** was conducted by **Indian Institute of Technology, Bombay** on **22nd June 2019** at **Dronacharya Group of Institutions, Greater Noida (Remote Centre ID : 1316)**. The workshop meant for faculties from technical institutes and schools was organized through **A-View** under the aegis of '**Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNTT)**, funded by the **Ministry of Human Resource Development, Government of India**.

47 registered faculty members from technical institutes and schools attended the workshop at **Dronacharya Group of Institutions, Greater Noida**. The workshop at DGI was locally coordinated by **Mr. Manoj Kumar Yadav**, Assistant Professor, DGI, Greater Noida.

The workshop was inaugurated at 9:30 a.m. by **Prof. Prabhu Ramchandran, Course Coordinator from IIT Bombay**. Giving an overview of Python, **Prof. Ramchandran** said that it is a very versatile and easy-to-learn programming language with an extensive library of open tools allowing users to solve a variety of problems. **Prof. Ramchandran** said that Python has a rich ecosystem of libraries and tools for scientific computing and data science. There are libraries that provide a powerful interactive computing environment both on the console as well as on a web-browser. Python can interface relatively easily with other well-established languages like FORTRAN/C and C++. In addition to this Python also has libraries to build user interfaces, build web applications, interface to hardware, and a whole host of other domains. This makes Python an excellent language to learn opening up a world of possibilities to users who desire to use their computers more effectively.

Giving a brief of the course, **Miss Nancy** - Spoken Tutorial Coordinator, IIT Bombay said that FOSSEE (Free/Libre and Open Source Software for Education) project at IIT Bombay has been promoting Python, and other FLOSS software, such as Scilab, OpenFOAM, eSim, Osdag, OpenModelica, DWSIM & R, and Open Source hardware, such as Arduino and OpenPLC. FOSSEE is also funded by NMEICT, MHRD. Government of India has mandated the use of open source software.

After the inaugural session, participants watched the ST-Videos on **Python** and also got practical exposure using **side-by-side learning method**.


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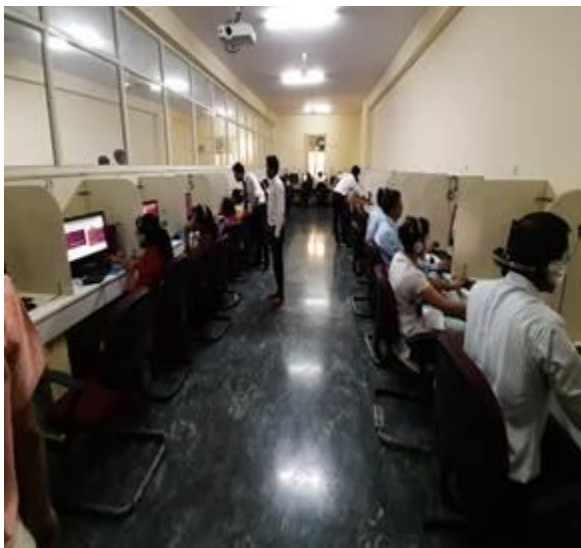
The following topics were later covered by the participants through video lecture:

- | | |
|-------------------------------------|----------------------------------|
| 1. Using plot command interactively | 7. Loading Data From Files |
| 2. Embellishing a plot | 8. Plotting Data |
| 3. Saving plots | 9. Plotting Charts |
| 4. Multiple plots | 10. Getting started with strings |
| 5. Subplots | 11. Getting started with files |
| 6. Additional features of IPython | 12. Parsing data |

The workshop ended with a doubt clearing session with **Prof. Kannan Moudgalya, Department of Chemical Engineering, IIT Bombay** and **Prof. Prabhu Ramchandran**.




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Link of the Event:

https://gnindia.dronacharya.info/events/WorkshoponPython_25062019.aspx?Month=June&Year=2019

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Name of the event: Short Term Course on Introduction to Programming : A Pedagogical Approach

Date of the event: 17-06-2019 - 22-06-2019

No. of Participant: 1

Summary of the event: **Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow** and **IIT Kanpur** jointly launched a platform to help improve ICT skills of faculty and students of AKTU affiliated colleges. Under this initiative, a **Short Term Course on Introduction to Programming : A Pedagogical Approach** was organized at IIT Kanpur during **17-22 June 2019**. The objective of this STC was to help teachers sketch out a course design and strategies for teaching the course. The course was conducted by **Prof. Amey Karkare** and **Prof. Rajat Mittal**, faculty from IIT Kanpur.

Asst. Prof. Ms. Anjali Yadav from Department of Computer Science Engineering, Dronacharya Group of Institutions, Greater Noida attended this STC.

During the introductory session on 17th June 2019, Prof. Rajat Mittal gave a brief introduction to the course, explained the objectives and discussed ways to tackle students.


Later during the STC, **Prof. Mittal** conducted a session on **3 Rs**, i.e., **Reduce, Reuse & Re-imagine**. He also discussed ways to communicate with a computer and how to write a program.

Prof. Amey Karkare conducted sessions on the importance of manual computation and translation from manual computation to programs followed by the pedagogical strategies and teaching strategies for specific topics.

The course later covered the program design that included correctness and reasoning about programs, the continuum from problem solving to algorithm design and finally a very important session on the design of assignments and examinations.

The STC helped the participants learn how to motivate their students for learning any particular topic / subject by giving them real time examples related to functions so that student can easily understand the concept behind the functions, parts of a function, function call, return, stack, correctness of a function, local v/s global variables, scope of the function, recursion function, time complexity, sorting etc.

The STC concluded on **June 22, 2019** with the group photography and; distribution of Participation Certificates.



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Link of the Event:

https://gnindia.dronacharya.info/events/SHORT_TERM_COURSE01072019.aspx?Month=June&Year=2019

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Academic Session 2017-18

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(6.3.3) Event Report 2017-18

Name of the event: Awareness cum Education Programme on Positivity and Balanced Life for Digital Youth

Date of the event: 25-08-2017

No. of Participant: 2

Summary of the event:

An **Awareness cum Education Programme On Positivity and Balanced Life for Digital Youth** was organized by the Department of Applied Sciences & Humanities on **25th August 2017**. The program was attended by First Year students of B.Tech & MBA.

The session started with the Welcome Address by **Prof.(Dr.) Ashish Soti, Director – Dronacharya Group of Institutions, Greater Noida.**

Dr. Mamta Tomar, Associate Professor, Dept. of Applied Science & Humanities introduced the Guest Speaker, **Mr. Puneet Gupta, Training Consultant - Dale Carnegie, India.**



Mr. Puneet Gupta started his presentation with a discussion of **Self, Desire, Dream, Passion and Motivation**. Participants were encouraged to be optimistic and to have a positive approach towards life. He made the participants draw their goals on a piece of paper and then explained them the methodology to achieve them.

Mr. Gupta also focused on Time Management for a balanced professional and personal life.

Hon'ble Director, **Prof. Ashish Soti** honored **Mr. Gupta** with a memento. **Dr. S. K. Srivastava**, Professor, Dept. of Applied Science & Humanities, **DGI, Greater Noida, proposed the Vote of Thanks.**

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 **DRONACHARYA**
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AWARENESS CUM EDUCATION PROGRAMME
ON

**POSITIVITY AND BALANCED LIFE
FOR
DIGITAL YOUTH**

25th AUGUST 2017

ORGANIZED BY
DEPARTMENT OF APPLIED SCIENCE

VENUE: DRONACHARYA GROUP OF INSTITUTIONS, GREATER NOIDA



Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

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Name of the event: Industrial Visit to ALTTC - BSNL, Ghaziabad

Date of the event 25-08-2017

No. of Participant: 1

Summary of the event:

Industrial Visit to Advance Level Telecom Training Centre (ALTTC), BSNL, Ghaziabad was organized by **DGI Student Branch of IEEE** on **25th August 2017**. 50 students from **ECE, EEE, CSE and CSIT 2nd Year** along with **Mr. Raj Ranjan Prasad Assistant Professor, ECE Department, DGI, Gr. Noida** visited ALTTC.

The objective of industrial visit was to make the students aware of the practical techniques used for communication, latest equipment and components used, and trends in Electronics industry.

Mr. Anil Kumar (AGM-EB) and **Mr. Abhishek Gupta (AD-EB) ALTTC, BSNL, Ghaziabad**, welcomed the students and gave a brief introduction about the Training Centre.

The session started with the discussion on communication technology being used by BSNL with an emphasis on global network technology. ALTTC official further explained the functions of call detail record, call tracing technology, installation and execution procedure on various hardware platforms.

After the lecture, students were divided into two groups and taken to **Optical Fiber Communication (OFC) Lab** in which communication techniques through fiber optics were explained to them. Various optical cables such as single mode, multimode and tools such as buffer cutter, jacket strippers etc. were shown to the students. Thereafter, they were taken to the **Broadband Lab** in which they learnt about data communication using router and various cables required for its configuration. They also learnt the concept of **IPV4** and **IPV6**.

Students were then taken to **Mobile Lab**, where two different techniques of voice and data transfer were illustrated. Methods to transfer data and voice in GSM and 3G were also explained to the students. They gained knowledge of **Base Transceiver Section (BTS)**, **Base Station Controller (BSC)** and **Mobile Switching Centre (MSC)** related to Cellular Communication.

ALTTC official also explained the working principle of Satellites and procedure of network devices. They demonstrated the latest trends of the industry, and provided an opportunity for understanding the working of state of art equipment.

The visit was very useful for the students as it gave them an exposure to the field of communication.

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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://Dronacharya Group of Institutions in Greater Noida/Delhi-NCR (Official Website))

Name of the event: Industrial Visit to Multitex Filtration Engineers Ltd, Greater Noida

Date of the event: 25-08-2017

No. of Participant: 1

Summary of the event:

An Industrial Visit to **Multitex Filtration Engineers Ltd, Greater Noida** was organized by **DGI-ISTE Student Chapter, Dronacharya Group of Institutions, Greater Noida** on **25th August 2017**. Thirty three students from 2nd Year Mechanical Engineering along with **Mr. Gaurav Siwal**, Assistant Professor, Department of Mechanical Engineering visited the industry.

Mr. Deepak, Quality Engineer from Multitex Filtration welcomed the students upon their arrival. While briefing he said that Multitex provides Design, Engineering & Manufacturing services to the filtration and separation industries. He informed that Multitex is equipped with Material Handling Facility, Rolling Machines, Testing Laboratory and R&D laboratory.

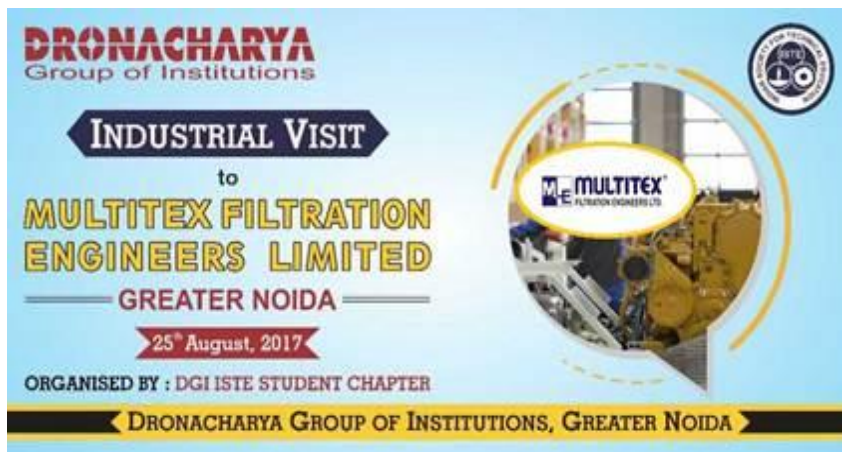
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Students were acquainted with the quality standards required in welding, methods to maintain those standards and manufacturing processes adopted by the company. Various types of welding processes along with their specific applications were explained to the students.

Students were then taken to the Shop Floor and were briefed about safety measures and standards used in welding industry. They were provided with safety gear and helmet before entering the shop floor. They witnessed cutting, rolling and welding processes in the shop floor. Different types of electrodes and their uses were also explained to the students. **Mr. Deepak** also showed the Assembly & Polishing Area, Material Testing Lab and the Workshop area where final packaging was done.

The visit was a great learning experience for the students as they learned about material characteristics, welding processes and safety precautions being practiced in industries.



Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

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Name of the event: Industrial Visit to Ashtech Industries Pvt. Ltd. (Ready-Mix Concrete PLANT)

Date of the event: 25-08-2017

No. of Participant: 1

Summary of the event:

Department of Civil Engineering, **Dronacharya Group of institutions, Greater Noida** organized an industrial visit to **Ashtech Industries Pvt. Ltd. Surajpur, Greater Noida** under the banner of **“DGI-ASCE Student Chapter” (American Society of Civil Engineering)** on **25th August 2017**. Students of 2nd and 3rd Year, Civil Engineering along with **Mr. Suhash Ranjan Bannerjee**, Assistant Professor, DGI, Greater Noida, visited the site.

Students reached the plant at **11:00AM** and were welcomed by **Mr. Basant Kumar (CEO and Manager-Ashtech)** upon arrival.

Mr. Basant Kumar briefed the students about the **Ready-Mix Concrete Plant**. He explained the process of ready-mix and specifically stressed on the safety norms being adherent in the plant. He also explained various tests being carried out in their laboratory.

Several Tests demonstrations were carried out for the Students, which included, **Sieve Analysis, Compaction Factor Test, Universal Testing Machine Test, Slump Test, Crushing Strength Tests** etc. The **Setting Time** and **Curing Time** for the concrete blocks were explained. Students were then taken to the main production yard where they witnessed aggregate mixing as per IS: 10262:2009. They got to know the procedure to select best materials for the ready-mix concrete as well as overall process of the supply chain of ready mix concrete from plant to working site.

Students got to know the operation and maintenance (proper functioning of the machines) of the batching plant. They also visited the transporting yard of ready-mix concrete where concrete was being loaded on the trucks from where. It is directly delivered to the construction site.

The visit was very informative and the students acquired valuable information of Batching Plant.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://Dronacharya Group of Institutions in Greater Noida/Delhi-NCR (Official Website))

Name of the event: VISIT to Centre for e-Governance

Date of the event: 18-08-2017

No. of Participant: 1

Summary of the event:

CSI Student Chapter, Dronacharya Group of Institution (DGI)- Greater Noida organized a visit to Centre for e-Governance (CeG), Ministry of Electronics and Information Technology (MeitY), New Delhi on 18th August 2017. 40 second year CSE, IT and CSIT Department students along with faculty coordinator Ms. Monu Singh and Mr. Sunil Narula, Assistant Professors in CSE Department visited the centre.

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Upon arrived at CeG, the students were briefed by Shri. Sunil Kumar, Project Manager, CeG. He said that CeG is a part of the "Awareness and Communication" activity under National e-Governance Plan (NeGP) and seeks to bring the achievements under NeGP under one umbrella for the information of the citizens.

Addressing the students, Shri Kumar said that the purpose of the CeG is to recognise the immense potential of e-Governance projects being implemented through National e-Governance Plan (NeGP), to bring in efficiency and effectiveness in citizen - centric services, socio - economic transformation, especially in the fields of education, health, skill-building, entrepreneurship and in creating employment opportunities. He pointed out that the Ministry of Electronics and Information Technology considered it prudent to demystify the concept of e-Governance and disseminate information on various e-Governance initiatives taken up by various Central and State Governments, to the common people, especially to the student community. Students were informed that having implemented wide variety of e-Governance projects of various dimensions under the aegis of both Central and State Governments, it is considered to be extremely important to reach out common people at large '(People are the Purpose)' and disseminate information on the projects to assess impact of these projects on peoples' daily life.

During the address, Mr. Kumar said that CeG has been envisaged as the platform for showcasing advancement in ICT domain especially in e-Governance by demonstrating applications from states, central line ministries, MeitY organizations and other implementing agencies. In addition, it is meant to be a staging platform for cutting edge and emerging technology areas that are part of MeitY mandate and are of relevance to other ICT domain including electronics, Indian Language Solutions, emerging technologies in ICT domains and solutions for differently abled centre.

At the CeG, students attended the sensitization workshop on "Digital India Programme". They also witnessed the aesthetically designed hi-tech display systems and visitor-friendly functionality with kiosks which were kept there for demonstration of e-services, state-of-the-art display formats, Internet-enabled conference areas, dedicated video conferencing facilities as well as a state-of-the-art projection system featured conference hall. They also had the opportunity to understand CeG showcase applications, demonstrations and presentations that reflect the progress achieved in the implementation and usage of e-Governance. It covered successful and high impact e-Gov applications and content based on improved citizen service delivery, innovativeness, cost effectiveness and overall impact in fulfilling developmental objectives of the government. Also displayed are various social sector initiatives relating to health and education.

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Some of the initiatives which were demonstrated to the students are:

e –Aadhaar, e-KYC, Jeevan Parman, Mobile Seva, MyGov, Open Data, etaal, e-Office, e-Sanjeevani, ISEA, Mee Seva, e-District, Passport Seva, Sanyog, e-Gov. App. Store, Meghdoot, Enovision, Indian IP Panorama, Param Yuva II and BOSS.

DGI students had a very meaningful discussions with Sh. Sunil Kumar in terms of industry based students projects.

CeG also organized an Online Quiz to gauge the students' learning from the visit. Following three students were appreciated for coming up with correct answers to the questions:


Piyush Choudhary

Ajay Partap Singh

Jagrati Darmal

DGI coordinators thanked Shri Kumar for facilitating the students' visit. The team returned to the college at 3:30 pm.




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Name of the event: Industrial Visit to Moon Beverages Limited

Date of the event: 4/8/2017

No. of Participant: 1

Summary of the event:

An industrial visit to **Moon Beverages Limited** was organized by the **DGI SAEINDIA Collegiate Club** on **4th August 2017**. **Mr. Ajay Chaubey**, Assistant Professor along with 24 students of 3rd Year from Department of Mechanical Engineering visited the unit.

Upon arrival at **Moon Beverage**, students were welcomed by **Mr. Sourabh Kumar**, Marketing Head of the company and were guided to the Conference Room where an introduction of the company was presented.

Mr. Kumar said that **Moon Beverages** started with manufacturing of **soft drinks THUMS UP, LIMCA, MAAZA, RIMZHIM, BISLERI, GOLD SPOT** under arrangement with **Parle**. However in 1994 the company became the authorized bottler of Coca Cola Atlanta, USA and started manufacturing and distribution of **Coca Cola, Limca, Sprite, Maaza, Thumps UP, Fanta, Minute Maid, Coke Zero & Kinley**.

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Mr. Kumar further said that the company is first of its kind in:

1. Getting Green Building Certification
2. In installing a SPK CAN Line with flexibility to produce both SLIM and SLEK Cans
3. In launching multi packs of can, 600ml pet and Pocket Tetra
4. Getting accreditation as the Number one Plant in the QSE Index

He also briefed the students about:

1. Line Capacity
2. Products
3. Pack Size and the number of Employees working at the unit.

Students saw the set of **Clean in Process (CIP)**, Filling and Packaging division of the bottling plant.

It was a good learning experience for the students where "**see and know**" concept helped the students learned many nuances of a production unit.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: Industrial Visit to SSV Rubber Private Limited (Solar Division), Ghaziabad

Date of the event: 29-09- 2017

No. of Participant: 1

Summary of the event:

An industrial visit to SSV Rubber Private Limited (Solar Division), Ghaziabad was organized by the **DGI-ISTE Student Chapter, Dronacharya Group of Institutions, Greater Noida** on **29th September 2017**. Twenty Six students of CE and ME Branch from 1st Year along with **Dr. S. K. Srivastava**, Professor-Applied Sciences Department went for the visit.

The aim of the visit was to enhance technical and practical knowledge about manufacturing and production of **SOLAR WATER HEATER**.

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Mr. B. K. Sharma (Plant Head) and Mr. Akshay Sharma (Engineer) welcomed the students **Mr. Sharma** gave an overview of the products exclusively developed and manufactured by the unit.

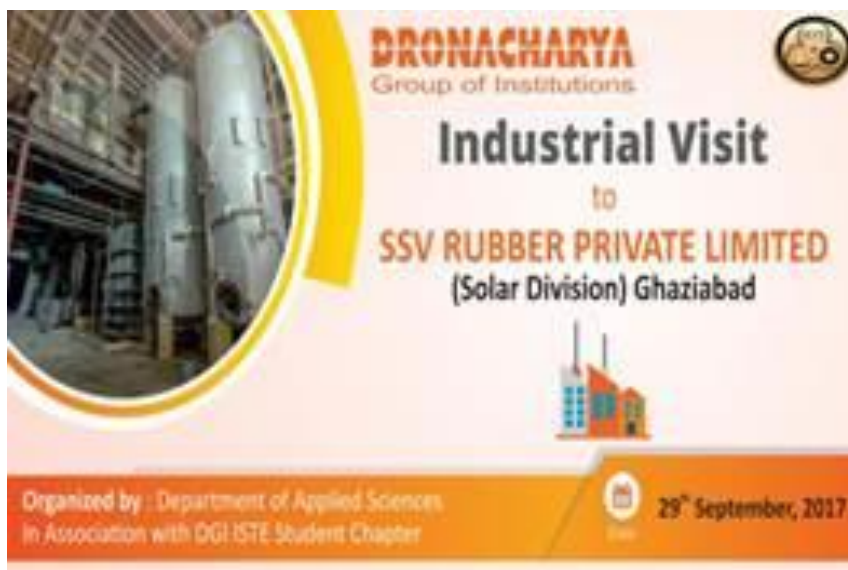
Mr. Sharma explained **Flat-plate collectors** which typically consist of copper tubes fitted to flat absorber plates. The most common configuration is a series of parallel tubes connected at each end by two pipes, the inlet and outlet manifolds. The flat plate assembly is contained within an insulated box, and covered with tempered glass. Flat plate collectors are typically sized to contain 40 gallons of water. Two collectors provide roughly half of the hot water needed to serve a family of four.

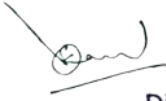
Students were divided into groups of ten for the plant visit.

During the plant visit, students witnessed copper pipe fitting, Absorber Coating, Collector Transparent Cover, Collector Insulation, Collector Sealants and Collector Testing.

Mr. Sharma said that the manufactured product is sent to the quality department for testing under Government standard norms.

The visit was very useful which provided the students with an opportunity to learn the technology of solar industry.




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Name of the event: Workshop on "Master your Mind"

Date of the event: 25-09-2017

No. of Participant: 2

Summary of the event:

On **25 September 2017 DGI NSS wing of Dronacharya Group of Institutions, Greater Noida organized a workshop on "Master Your Mind"** . The purpose of workshop was to introduce the concept of mental training and learn "**How to effectively manage our thoughts and emotions**", "**Use work pressure to our advantage and influence our body and mind in a positive way**".

Hon'ble Prof. B. L. Kaul, Registrar, Dronacharya Group of Institutions, Greater Noida, welcomed the guests **Sister Priti & Sister Kamla** from Brahmakumaris.

Sister Kamla started the session with a discussion on **external stimuli**. She said that the stimuli, **Form, Touch, Smell, Taste and Sound** reach us through our sense organs, which initiates creatures to react accordingly.

Sister Kamla said that the instrument or mechanism within man that receives and processes the stimuli is called the **mind**. If one's mind is not attentive and wanders a person cannot hear what is said to him. She further explained that the mind cannot come to a decision; it only receives the stimuli and then submits it to a higher authority, called the **intellect**; the judging faculty. The intellect judges how we are to react to situations and what responses we must make. The finale decision comes from the intellect.

Explaining the role of intellect, **Sister Kamla** said that every one's intellect comes to a judgement depending upon his impressions of his past life experiences (**samskar**). Past experiences control, direct, regulate, and discipline our present reactions to the world, because our intellectual judgement is coloured by its past experience. If we hold on past in our mind it creates a lot of disturbance for self and others. She advised all to become the master of the self and create a good future with pure feelings and wishes.

Sister Preeti talked about the 5 thoughts - **Positive, Negative, Intellectual, Necessary and Waste**. She said that positive thinking is when the right thoughts are created in unfavourable situations. So far it is believed that thoughts are linked to the environment around us, it's just so natural that when there is a crisis outside, there will be a crisis inside. But spirituality teaches us that what is inside, is independent from what is outside. Negative energy needs to be blocked from the inside. The problem starts when the thought starts driving us instead of the other way round.

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She further discussed the basic quality of soul i.e., is **knowledge, purity, bliss, happiness, love, power and peace**. These basic qualities evolve a pure mind. The purer is the mind, the easier it is to control. Purity of the mind must be insisted upon. Perfect morality takes complete control over mind.

She advised to meditate daily and observe ones thoughts. Throughout the day, one must take a moment to deep breathe.

Hon'ble **Director Prof. Ashish Soti** presented memento to both the guests. He concluded the program with a very encouraging speech, appreciated and praised the guests for the conduction of the workshop. He reiterated the importance of spirituality and advised that the practice of meditation.





Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: An industrial visit to Hexagon Geospatial (Intergraph SG&I India Pvt. Ltd) Gurgaon

Date of the event: 22-09- 2017

No. of Participant: 1

Summary of the event:

Department of Civil Engineering, **Dronacharya Group of institutions, Greater Noida** organized an industrial visit to **Hexagon Geospatial (Intergraph SG&I India Pvt. Ltd) Gurgaon** under the aegis of **DGI-ASCE Student Chapter** on **22nd September 2017**. 16 Students of 3rd year Civil engineering branch along with **Mr. Suhash Ranjan Bannerjee, Assistant Professor, Civil Engineering Department DGI Greater Noida** visited the company.

Students were welcomed by **Mr. Ashish (Junior Manager, Ground Survey)**. The sessions were divided into two segments. First session was on **Ground Distance Measurement Using Total Station** and second session was on **Geographic Information System and Remote Sensing**.

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Session 1:

Mr. Ashish briefed the students about different types of Surveying and the **Evolution of Measurement System**. He discussed about new technologies being adopted in today's surveying practices. He explained operation of total station and also briefed the students about application of coordinates in surveying. He described **Locating Points, Horizontal Distance, vertical distance and Angle of Elevation** using Total Station.

Session 2:

Mr. Basudev (Senior Head) explained the application of **Global Positioning System (GPS)** and **Geographical Information System (GIS)**. He demonstrated how to predict the maximum storage of a reservoir/dam by using software. He later described different kind of simulation software and explained **Calculations of Entropy Index and Dissimilarity Index** for Urban Planning.

The visit was very informative and students acquired valuable information in surveying and application of GIS.



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Name of the event: An industrial visit to DENSO Haryana Pvt. Ltd., Jhajjar

Date of the event: 22-09- 2017

No. of Participant: 1

Summary of the event:

An industrial visit to **DENSO Haryana Pvt. Ltd., Jhajjar** was organized by **Department of Mechanical Engineering under the aegis of SAEINDIA Collegiate Club, DGI Greater Noida** for 2nd and 3rd year students on **22nd September 2017**. Thirty-seven students along with two faculty members **Mr. Brijesh Verma and Mr. Manik Mittal** visited the unit to acquire knowledge on modern machinery in automotive sector.

Students reached **DENSO Haryana Pvt. Ltd.** at **10:30 AM**. They were welcomed by **Ms. Ruchi Arora (Deputy Manager – General Affairs)** and **Mr. Pankaj (HRD)**. An introduction about company was given by **Mr. Pankaj**. He welcomed that DENSO is a Japanese company which believes in discipline and equality at all level. Company has a policy to gather every morning for few minutes where they conduct prayer, narrate principles of company and give chance to every employee to come forward and contribute towards the growth of company. It follows the principle of **“People before Product”** which is visible from safety measures taken by the company.

Mr. Satvinder (Advisor HRD) explained the importance of road safety awareness. He showed a short video on road accident and emphasized on **defensive driving rather than safe driving** in today's scenario.

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For the plant visit students were divided in two groups headed by **Mr. Nandan (Manager - Production)** and **Mr. Sandeep (DM- Production)**. They guided the students to various sections at the shop floor of the plant.

Visit ended with the Question & Answers Session with **Mr. Praveen Bhutani (GM – Production)**. The hospitality provided by the company was par excellence.



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Name of the event: VISIT TO CENTRE FOR E-GOVERNENCE (MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY)

Date of the event: 22-09- 2017

No. of Participant: 1

Summary of the event:

CSI Student Chapter, **Dronacharya Group of Institution (DGI)- Greater Noida** organized a visit to **Centre for e-Governance (CeG), Ministry of Electronics and Information Technology (MeitY), New Delhi** on **22nd September, 2017** . **Forty three** students of **APS Department** and **Eleven** students of **MBA** along with Faculty members **Ms. Monika Sinha** and **Ms. Garima**, Assistant Professors, Department of Management Studies and **Dr. S.K Srivastava**, Professor, Department of Applied Science and Humanities visited CeG.

Mr. Sunil Kumar, Project Manager at Centre for E-Governance welcomed the students and briefed them about the Centre for E-Governance with the help of presentation. He informed about the initiative taken by **Honourable Prime Minister Mr. Narendra Modi** about “**Digital India**”, to make a paperless country.

Mr. Sunil Kumar asked various questions to students about E-Governance and Digital India and gave them assignments to convert paper file system into digital system. He informed the students about various initiatives taken by government, e–Aadhaar, e-KYC, Jeevan Parman, Mobile Seva, MyGov, Open Data, etaal, e-Office, e-Sanjeevani etc. **Mr. Sunil Kumar** said that the Centre is open for visit by common citizens, students, strategists and experts in the field of governance and also to the policy-makers as well. Visitors to the Centre have a first hand information on various e-Governance initiatives in the country and hands-on experience on the web-enabled e-services being delivered in various parts of the country.

An online quiz was also conducted at the end of the demonstration of the understanding of e-governance projects. **Ms Nupur Panigrahi** received **First Prize** and **Mr. Om Prakesh** received **Second Prize** from B. Tech and **Ms Shally Yadav** received **Third Prize from MBA** in the quiz competition.

The visit was a great learning experience for the students as they learned about the various initiatives of government to make a Digital and Paperless India.

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Name of the event: VISIT to Electronica India 2017|Laser Photonics-2017|Productronica India 2017

Date of the event: 15-09-2017

No. of Participant: 1

Summary of the event:

Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering of **Dronacharya Group of Institutions, Greater Noida** arranged a visit to the Expo "**Electronica India |Laser Photonics |Productronica India-2017**" for the students of 2nd year ECE and EEE on **15th September 2017**. 7 students of ECE-III and 11 students of EEE-III semester along with **Mr. Amit Jain**, Assistant professor, ECE Department visited the Expo held at **Pragati Maidan, New Delhi**.

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The Expo had three segments:

1. **Electronica India-2017,**
2. **Laser Photonics 2017**
3. **Productronica India 2017**

Students first visited the Electronica section, where they saw various electronics components, connector for LAN wires, different types of resistors, capacitors, solid state relays, various transformers, switches, regulators, laser diodes, chip resistor, current sensing chip resistor, thin film precision resistor, high power, high voltage resistor, metal oxide film resistor, metal plate non-inductive cement resistors etc.

Students then visited the laser photonics section, where various applications of PLC operated laser machines were displayed including Fibre Laser Metal Cutting System, Laser Machine for 2D and 3D printing etc. Various laser diodes like surface emitting laser diode, SLD pumped laser gain modules, diode laser bars and stack were also on display.

Students also visited the Productronica section, where huge laser machines used for designing, (FIBRE LASER 700 W), CAD CAM operated machines, SMD components mounting machines and LED placing and testing machines were displayed.

This visit was very informative for the students in many aspects. It created an awareness about different companies working in the field of electronics, job scenario for the students in these companies and the latest technology used in the field of electronics.

Students returned to the college at 3:00 PM



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Name of the event: PM Address on Young India

Date of the event: 11/9/2017

No. of Participant: 4

Summary of the event:

Prime Minister Narendra Modi addressed students across the nation from **Vigyan Bhawan** in **New Delhi** on **Monday, 11th September 2017**. The live session was organized by **Dronacharya Group of institutions, Greater Noida** through ICT, which was attended by students & staffs.

Speaking at the event, **Prime Minister Narendra Modi** stressed on his **Swachh Bharat Abhiyaan**. Addressing the event, PM Modi said that Indians do not have the right to chant **Vande Mataram** if they go on to spit pan and throw garbage on roads. He further added that those who clean the roads and surroundings have the first right in the country.

Speaking about **Swami Vivekananda's address** in **Chicago** on **11 September, 1983**, **PM Modi** said people in India remember 9/11 of 1893. Just with a few words, a youngster from India won over the world and showed the world the power of oneness, the Prime Minister said.

The focus of Prime Minister **Narendra Modi's** speech was largely on his clean India mission. **PM Modi** said India is standing at a global stage due to the people power. "**India is changing, India's standing at the global stage is rising and this is due to Jan Shakti,**" he said.

Prime Minister asked students to stop being afraid of failures. He said that no one in this world has succeeded without failures. He further said knowledge and skills are equally important. He said that people in the country should be job-creators and not job-seekers.

He further went on to ask the youths to respect women. He said those who do not respect women need to think about the teachings of Swami Vivekananda. "**The word of Swami Vivekananda My Brothers & Sisters gave the world the message of Universal Brotherhood,**" the Prime Minister said.

Addressing the event, Culture Minister **Mahesh Sharma** spoke about Swami Vivekananda's achievements.

Sports Minister, **Rajavardhan Singh Rathore** proposed the Vote of Thanks.

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Name of the event: TechAhead Software Campus Placement

Date of the event: 11/11/2017

No. of Participant: 1

Summary of the event:

Dronacharya Group of Institutions hosted the Campus Placement drive for B.Tech CSE/IT Batch 2018 for **Tech Ahead Software Nov 11, 2017**.

TechAhead inspires innovation, generating endless opportunities and sustainable wealth for everyone. They learn, discover and create best in class solutions touching lives globally. Their main USP is they honor Time, Quality and Budget at any cost, that is mutually agreed with the client, at the onset of the project.

Their passion lies in "**We do what we do, only because we love doing it. Our work is not just work for us, it's like a second religion, it's our Passion**".

Dronacharya Group of Institutions was the center of written test for **Delhi/NCR colleges**. The test started with a brief introduction by **Mr. Abhishek Gupta** who was coordinating the placement.

There was a test of 60 mins comprising of Aptitude and Technical Questions with no negative marking. After the test students took the GD and were gauged on their communication skills.

The last and final technical test is scheduled on **Nov 15**.



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Name of the event: Vigilance Awareness Week-2017

Date of the event: 2/11/2017

No. of Participant: 2

Summary of the event:

As part of Vigilance Awareness Week-2017 being observed by Central Vigilance Commission (CVC) and an appeal by AICTE, New Delhi, NSS Wing of Dronacharya Group of Institutions, Greater Noida in association with GAIL(India) Limited took the initiative to ensure a wider outreach especially for creation of awareness on corruption and its ill effects amongst the youth and college students by promoting integrity, transparency & accountability in public life

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Under this initiative, a Debate and Elocution Contest was conducted on 2nd November 2017. The topic for the contest were corruptions and its ill effects, importance of morals and values, honesty and integrity, ethics, transparency in governance and how youth can participate in the fight against corruption. The broader subject was “My Vision-Corruption Free India”.

The competition was conducted in the august presence of following Dignitaries:

Shri Arun Modi , GM(O&M), GAIL INDIA LIMITED

Sh. Ajay kumar, PA To OIC, GAIL India Limited

Shri J Sarkar , CM(O&M), GAIL INDIA LIMITED

Shri Surender Kumar , CM(O&M), GAIL INDIA LIMITED

Shri Abhinav Pandey, Sr. Manager(O&M), GAIL INDIA LIMITED

The event began with the lighting of lamp and Saraswati Vandana. It was followed by an Integrity Pledge being taken by the students and audience. They vowed to work for Corruption Free India.

The Debate and Elocution Contest was held both in English as well as in Hindi on the topic “Public Participation is essential for promoting integrity and eradicating corruption and “Corruption can be eradicated through public participation and not through strict laws”.

List of Winners are as following:

English Debate:

- | | | |
|-----|---------------|---------------------|
| I | First Prize: | Vidit Sharma |
| II | Second Prize: | Dravid Nagi |
| III | Third Prize: | Apratim Kumar Singh |

Hindi Debate:

- | | | |
|-----|---------------|--------------------|
| I | First Prize: | Akanksha Pokhriyal |
| II | Second Prize: | Richa Kapoor |
| III | Third Prize: | Lakshmi Jha |

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English Elocution:

- I First Prize: Akash Verma
II Second Prize: Shiv Kumar Arora
III Third Prize: Pradeep Bisht & Mugdha Shrivastav

Hindi Elocution:

- I First Prize: Kapil Chaudhary
II Second Prize: Divya Chaturvedi
III Third Prize: Madhwesh Upadhyay

The competition came to end with Prize and Certificate distribution.

Students and Staff also took the pledge online @ and committed themselves to corruption Free India.

Hon'ble Director, Prof. (Dr.) Ashish Soti, thanked the GAIL officials for their cooperation in conducting the Vigilance Awareness Week at Dronacharya Group of Institutions, Greater Noida.

गेल (इंडिया) लिमिटेड
नैस (ओ. एंड. एम.), एन.सी.आर.

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Group of Institutions

सतर्कता जागरूकता सप्ताह
VIGILANCE AWARENESS WEEK
DEBATE/ELOCUTION COMPETITION

2nd NOVEMBER, 2017

PUBLIC PARTICIPATION IN
PROMOTING INTEGRITY
AND ERADICATING CORRUPTION

ORGANIZED BY

DRONACHARYA GROUP OF INSTITUTIONS

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Name of the event: College to Corporate Programme

Date of the event: 23-01-2018 - 18-02-2018

No. of Participant: 1

Summary of the event:

IIT Bombay launched a campus to corporate initiative in association with Corporates. The focus of this initiative is to prepare engineering students to transition from the informal campus environment to a formal corporate environment. Under this initiative, the courses are being conducted in a blended MOOC format. The program on **1. Soft Skills 2. Workplace Communication was conducted in the year 2017 and 3. Technical Skills 4. Financial Literacy were scheduled for the year 2018.**

The MOOC course on Financial Literacy was conducted during **Jan - Feb 2018**. The face to face component of this program was conducted on **Jan 27, Feb 3, 10 and 17, 2018**. These programs were organized at **Dronacharya Group of Institutions, Greater Noida** through ICT. B.Tech and MBA students enrolled in the course.

Day 1, January 27th 2018 (<https://www.youtube.com/watch?v=WMR-XVrmvUI>)

The first Face to Face component was conducted on **Jan 27, 2018**. The program started with a session on **'Understanding Microeconomics'** by **Mr. S V D Nageswar Rao - Professor of Finance and Economics at School of Management – IITB**. He stated that it is very important to understand Micro and Macro Economics as it helps in better financial decision making. He stated the gaps in economic and business environment must be identified in order to identify new business opportunities. Not only that, the impact of Fiscal and Monetary policy must be ascertained too. If these policies are followed upon, the companies will be in better position to take preventive actions for the catastrophe like GST and Demonetization. He stated that Microeconomics deals with the choice of customers and their buying behavior and their focus on changing preferences.

He then explained the US and UK model of competition in Industry. According to US model, it's not good to have large firms in the Industry and UK model says just the opposite. The coordination depends on the number of players in the industry.

Day 2, February 3rd 2018 (https://www.youtube.com/watch?v=aTzHsThas_Q)

The session on **Feb 3** was conducted by Rupali Chimote, Vice President, Training & Development, JPMorgan Chase & Co. She explained the concept of financial system. She later explained the concept of Financial Market Participants.

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Day 3, February 10th 2018 (<https://www.youtube.com/watch?v=NkkrI9D8vbA>)

The third session was scheduled on **Feb 10, 2018** and was conducted by **Mr. Pranay Dugar**, Associate, Training & Development, JPMorgan Chase & Co. This was on Financial Planning and Budgeting. He stated that one can do financial planning and budgeting through ones' Smartphone's itself. He stated that each and every phase of life requires lot of planning and amongst all these financial planning is extremely important because this helps an individual as well as corporates to achieve financial goals.

He then explained the concept of Budgeting. He said that Budgeting is very important as it helps the individual and firms to cope up with the unexpected financial obligations.

Day 4, February 17th 2018 (<https://www.youtube.com/watch?v=Fnz5IFl8xDM>)

The last session was scheduled on **Feb 17, 2018** and was conducted by **Dr. C.A. Varadraj Bapat**. He discussed about Financial Accounting, Financial Statements and Cost Accounting. He said that the financial data which is generated by accountants is useful to all the stakeholders. It helps in better planning, organising and control of business.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: VISIT TO VISHWAS REHABILITATION CENTRE

Date of the event: 19-01-2018

No. of Participant: 1

Summary of the event:

DGI SMILE Club under the banner of NSS Wing of **Dronacharya Group of Institutions, Greater Noida** visited “Vishwas”, a rehabilitation center for differently abled people at Greater Noida on 19th January 2018.

“Vishwas” provides support for mentally and emotionally disturbed person and integrate them with public and society. It fulfills the need for psycho-social rehabilitation. It has about twenty people who are struggling to live a normal day-to-day life. They are suffering from Schizophrenia, a kind of mental illness and allied disorders.

The **DGI** visiting team comprised of 25 **DGI SMILE Club** volunteers and faculty members **Dr.**

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Kumud Rana, Mr. Manik Mittal and Dr. S. K. Srivastava.

VISHWAS inmates welcomed the volunteers and faculty members with their beautiful smiles.

Dr. Mridula Seth - Secretary, RFS Delhi Branch gave a brief introduction about the history of Vishwas.

The **DGI SMILE Club** had a comprehensive program of activities designed for Vishwas inmates to help them overcome their limitations in their personal and social life. The prime concern of volunteers was to involve the inmates in fun based activities like singing, dancing and Few games. The volunteers also played Antakshari based on Topic "**Mann Ki Bat**". Which was appreciated and helped the inmates to invoke the spirit to overcome gloomy situation in their life. The inmates were very hospitable and friendly.

The tender smile on the wrinkled faces, the spirit to sweep over the challenges, love and happiness, the positivity in the ambiance and the tinkle of hope to see again was the most precious gift that the volunteers got in return.

Dr. S. K. Srivastava thanked **Dr. Mridula Seth** for for letting the NSS volunteers experience life with a different perspective. The team returned to the college with a promise to organize many more such visits in future.



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Name of the event: Awareness Session on Hypertension & Blood Sugar

Date of the event: 16-02-2018

No. of Participant: 2

Summary of the event:

DGI Retract Club and the **NSS Wing** of **Dronacharya Group of Institutions, Greater Noida** jointly organized an Awareness Session on "Hypertension & Blood Sugar" on 16th February 2018, The program was organized in association with the Rotary Club of Green Greater Noida. The objective of the session was to spread awareness about causes, ill-effects and prevention of Hypertension and Blood Sugar.

The session started with the welcome of the Resource Person, Dr Amit Gupta (Senior Consultant Physician and Diabetologist), Director PROMHEX Amrapali Hospital, Greater Noida and Mrs Preeti Aggarwal, President - Rotary Club of Green Greater Noida.

Dr. Amit Gupta started the session with the description of of hypertension, which he said is another name for high blood pressure and can lead to severe complications and increase the risk of heart disease, stroke, and death.

Dr. Amit Gupta said that the force exerted by the blood against the walls of the blood vessels constitutes Blood Pressure. This pressure he said depends on the work being done by the heart and the resistance of the blood vessels. Dr. Gupta suggested that the blood pressure is best regulated through proper diet and lifestyle adjustments before it reaches the stage of hypertension.

He laid emphasis on engaging for 30 minutes of moderate-intensity, dynamic, aerobic exercise for patients with hypertension. This he said can include walking, jogging, cycling, or swimming. He suggested to perform regular exercise, yoga and meditation for perfect functioning of heart which would ultimately control Blood Pressure.

Prof. (Dr.) Ashish Soti, Hon'ble Director presented memento to **Dr. Amit Gupta** and **Mrs.Preeti Aggarwal**.

Prof. S.K. Srivastava, NSS Program Co-ordinator proposed the Vote of Thanks. The session was compered by Ms. Devangi Grover.

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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

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Name of the event: Prime Minister's Interactive Session : 'Pariksha pe Charcha'

Date of the event: 16-02-2018

No. of Participant: 2

Summary of the event:

Students of **Dronacharya Group of Institutions, Greater Noida** witnessed an interactive session "**Pariksha Par Charcha**" hosted by **Hon'ble Prime Minister, Sh.Narendra Modi** on **February 16th 2018**. The program was organized by **Ministry of HRD, Govt. of India** at Delhi's Talkatora Stadium.

Starting the session, the PM said, "**You are not talking to the Prime Minister of India, you are talking to a friend.**"

PM Modi interacted with thousands of students from across the country and addressed their examination-related concerns. Before he took questions from the students, he said "it was his exam today", and thanked his teachers for whom he is "still a student". "They inspired me to keep the student alive in me," PM Modi said.

When asked about how to maintain self-confidence, he said, "**Self-confidence is very important. It's not a pill or herb. There is no tablet that can be consumed for instant confidence. We have to build it every day.**"

PM Modi recalled when he was student, he read Swami Vivekananda's writings who said that **you may have the blessings of all the gods and goddesses, but if you don't believe in yourself, then all those blessings are futile.**

He asked the students not to compete with others, and advised parents not to put unnecessary pressure on their wards by comparing them with other children. "**Every child is different. Try to find out what they are good at and don't force your dreams on them. Try to be friends with your children,**" he said. He said that as per the science of war or sports, we need to play on our own ground. He advised that as an independent, separate person, it is not correct to compare oneself with a peer who is a different person. The other person's environment, experiences and growth are completely different.

As far as children of India are concerned, he said, they are "born politicians". "They know how to get their work done."

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He spoke about the importance of a healthy balance between **IQ (intelligence quotient)** and **EQ (emotional quotient)**. **"Emotional bonding is essential for your overall development. It helps in forging relationships. Intelligence without an emotional connect is worthless. IQ might help you achieve success, but EQ gives you a purpose in life,"** he added.

Learn to **"defocus" before you can focus**, was another suggestion by PM Modi. **"Let yourself loose, do what want to do. It will help you focus."**

He also urged students to **"be warriors, not worriers"**. **"Treat exams like festivals"** and **"a happy mind is the secret of a good mark sheet"** were among his other suggestions.

Towards the end, when he was asked by a student if he was prepared for the Lok Sabha elections, he said he was confident of passing his "exam next year". "I have the wishes of 125 crore Indians with me."

Sh. Prakash Javadekar, Minister for Human Resource Development, also addressed the students. He said that the aim of the Govt. is to change the quality of education and the attitude of students towards exams and life as a whole.





Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

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Name of the event: Site visit to Progressive Buildcon Pvt. Ltd.

Date of the event: 16-02-2018

No. of Participant: 1

Summary of the event:

ASCE Student Chapter of Dronacharya Group of institutions, Greater Noida organized an industrial visit to **Progressive Buildcon Pvt. Ltd., Greater Noida** on **16th February 2018**. B.Tech students of 2nd and 3rd Year; Civil Engineering along with **Mr. Subhankar Debnath and Ms. Swati Verma, Assistant Professor, DGI, Greater Noida, visited the site.**

The objective of the visit was to make the students aware of the modern techniques used for construction and the latest trends in construction industry.

Students reached the site at **11:30AM** and were welcomed by **Mr. Ruchin Kumar (Project Manager- Progressive Buildcon Pvt. Ltd.)**.

The visit started with a discussion on the layout of the site. **Mr. Kumar** briefed the students about the site environment, working conditions and their safety concerns.

Demonstrations were carried out for the students to make them understand how G+24 building was being constructed without any separate beam or column. Instead, **Shear-Walls** were being provided.

Batching of the Concrete Mix as per material from different quarries and Grades were shown. Students also had the opportunity to witness **types of Foundation, Reinforcement Details, Electrical and Mechanical Systems installment before casting, etc.**

Mr. Kumar also explained the advantages of aluminum shuttering over steel shuttering for speedy construction.

Students were then taken to the construction yard where reinforcement and concreting work was in progress. Here they got to know the operation and maintenance of the machines used at construction site.

Overall, the visit to **Progressive buildcon Pvt. Ltd.** was very informative and educative for the students as they learnt the basics of designing and construction of concrete frame structure as well as foundation.

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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

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Name of the event: Interactive Session on " Beat the Stress - Be Your Best "

Date of the event: 9/2/2018

No. of Participant: 2

Summary of the event:

DGI SMILE Club organized an Interactive Session on "**Beat the Stress - Be Your Best**" on **9 February 2018**, under the banner of NSS Wing of **Dronacharya Group of Institutions, Greater Noida**. The objective of the session was to spread awareness on mental stress and its prevention.

The session was organized in association with the **Richmond Fellowship Society (India), Delhi Branch** and Mind Piper and was conducted by **Ms. Sumita Bhadrige (Community Outreach Manager), Ms. Rashi Sinha (Innovation Manager)** from **Mind Piper** and **Mr. Kalimuddin** from **RFS Delhi Branch** conducted the session.

Ms. Rashi Sinha demonstrated simple ways to understand stress. She said that some amount of stress is helpful for motivating a person to work in turn increasing excitement, and improving performance. Excessive stress, on the other hand, occurs when the demands made from a person exceeds the capacities of the person to fulfil them.

Ms Sumita Bhadrige discussed the causes of stress. She said that it could be due to internal or external changes, such as the diagnosis of a serious health problem, changing cities for further studies or staying away from one's family and friends. Stress is experienced by everyone and eachone responds to it differently.

Ms Bhadrige focused on solutions to reduce stress. She suggested many healthy ways to do so i.e., spirituality, physical activity, a balanced diet, and sharing one's issues with someone reliable.

Mr. Kalim Ullah gave a brief introduction about **Richmond Fellowship Society (India)** which provides psychosocial rehabilitation for the people suffering from mental illness particularly Schizophrenia and allied disorders. The aim is to rehabilitate patients suffering from mental illness and integrate them back with the family and community.

The session ended with the Vote of Thanks from **Ms. Ekta Singh, Asst. Professor, Dept. of Applied Sciences**.

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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: AUTO EXPO COMPONENT - 2018

Date of the event: 9/2/2018

No. of Participant: 3

Summary of the event:

An educational visit to AUTO EXPO : MOTOR SHOW 2018 at India Expo Mart Limited, Greater Noida was organized by SAE India collegiate club of Dronacharya Group of Institutions, Greater Noida for 2nd year students on 9th February 2018. Thirty students along with Mr. Brijesh Verma, Faculty - Dept. of Mechanical Engineering visited the exhibition to gain knowledge on latest trends and developments in automobile industry.

AUTO EXPO is an annual event where automobile sector gets a stage to show case their latest works, new concepts and technologies.

The DGI Team reached India Expo Mart Limited, the venue of Auto Expo 2018, at 10:30 AM. They were received by Mr. Gaurav of Confederation of Indian Industry (CII) who guided them during their visit.

The theme of the expo was Electric Vehicle. Most of the manufacturers had exhibited their E V range as it is expected that India will be the third largest automotive market in the world by 2021. Some of the prominent players such as Maruti Suzuki, Tata Motors, Mahindra, Honda, Renault and new entrants such as Kia Motors launched their new products at the AUTO EXPO 2018.

HONDA showcased there CLARITY running on a fuel cell engine which emits pure water as it's emission. KIA, a brand from South Korea show cased quality interiors and luxurious comfort. French auto major RENAULT showcased its electric concept car TREZOR.

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Bird Mobility, a company from Sweden, showcased their electric vehicle which they plan to launch at an affordable prices. It will be launching its three and four seater variants with the capacity of running 200km with a single charge. This car comes with steer by wire steering wheel which is a new technology for steering a car.

Singapore had exhibited INDIZEL, a new fuel extracted from vegetables and palm oil popularly known as bio diesel. Companies say that the fuel is relatively cheaper and more efficient than the conventional diesel. This fuel they claim can be directly used in conventional diesel engine without any amendment.

AUTO EXPO 2018 was a great experience for the students. The exhibition provided a platform to experience developments in technologies and the new trends in the sector. It gave the students a fair idea about how the automotive industry is evolving and how best they must tune themselves accordingly.



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Name of the event: WEAVING SYNERGY - SPOT THE INNOVATION

Date of the event: 8-02-2018 - 11-02-2018


No. of Participant: 2

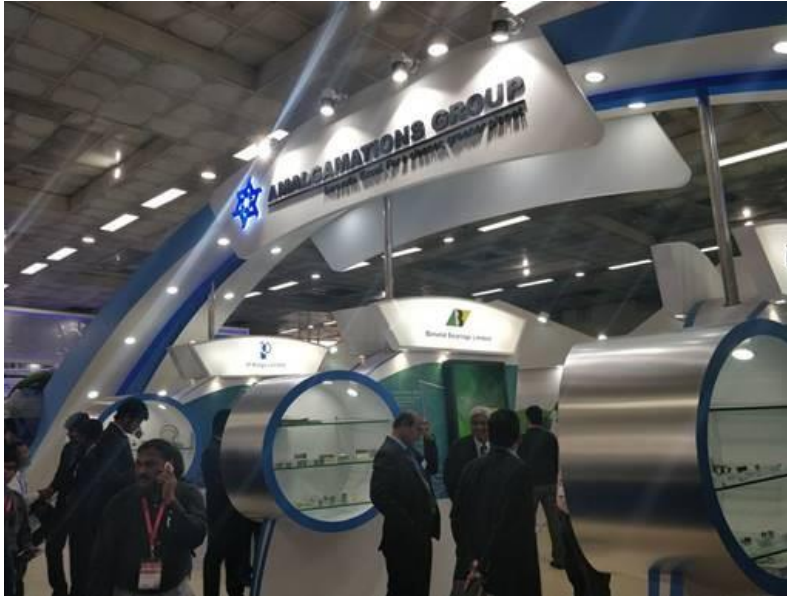
Summary of the event:


Five students from ME Department under the guidance of Mr. Gaurav Siwal, Assistant Professor, Dronacharya Group of Institutions, Greater Noida participated in the, "Spot the Innovation" organized during the Auto Expo (Component) 2018 at Pragati Maidan, New Delhi on 8th - 11th February 2018. The contest was jointly organized by Automotive Component Manufacturing Association of India (ACMA), Confederation of Indian Industry (CII) and Society of Indian Automobile Manufacturers (SIAM).

In the contest students were supposed to identify the latest technologies on display from various exhibitors.




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Link of the Event: [DGI | Best Engineering Colleges in Delhi-NCR | Top Engineering Colleges in Greater Noida \(dronacharya.info\)](#)

Name of the event: A session on “TALK BY EMINENT PERSONALITIES”

Date of the event: 6/2/2018

No. of Participant: 5

Summary of the event:

All India Council of Technical Education(AICTE), New Delhi organized a session on “**TALK BY EMINENT PERSONALITIES**” on **06 Feb 2018** as one of the initiatives to motivate students and faculty towards development of technical and moral skills. Faculty and students from various institutions located in NCR, Delhi attended the session. **Prof. TPN Singh, Advisor(R&D)** represented **DGI, Greater Noida** at the event.

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The eminent resource persons were:

Dr. Pradeep P Deshpande -

President and CEO, Six sigma and
Advanced controls, Inc. Professor
emeritus and former chair of
Chemical engineering,
University of Louisville, Kentucky

Shri Virendra Kumar Mehta -

World record holder in Memory,
Author, Speaker and Vedic NLP trainer

The session was graced by the presence of AICTE Officials, **Prof. Anil D. Sahasrabudhe**, Chairman,
Prof. M P Poonia, Vice Chairman and **Prof. A P Mittal**, Member Secretary.

Prof Mittal welcomed the distinguished guests **Dr. Deshpande** and **Shri Virendra Kumar Mehta**. He elaborated their contributions to the society and encouraged the faculty and students to follow their footsteps. Prof. Sahasrabudhe praised the virtues of Dr. Deshpande and hailed him as one of the leading exponents of 6 Sigma Technology by extending the concept to Dynamics and Non-Linear Processes in Engineering and Management. He said that Dr. Deshpande has more than three decades of teaching experience, written six text books and guided twenty doctoral students.

Welcoming Shri Mehta, Prof. Mittal informed that he was adjudged as one of the ten most unusual Indians with unique skills by the Times Media. He has memorized 80,000 words from the English Dictionary and has the rare ability of recalling any word by its page number. He is in the Limca Book of Records for memorizing the entire dictionary.

Shri Mehta spoke on the **9 habits of highly effective Institutes** which are listed below:

- **Boost happiness index of Faculty and Students**
- **Liaison of the Principal with students**
- **Make your student the fourth idiot**
- **Boost practical experience with Project learning**
- **Hire creative faculty**
- **Make education an edutainment**
- **Boost aptitude of students specially vocabulary and communication skills.**
- **Training/Workshop for Technical and Non-Technical skills**
- **Learning must be left and right brain oriented both**

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Shri Mehta stated that research at Harvard University has concluded that an extraordinary student should be judged with in **Pure Academics and General Intelligence** in the ratio of **12.5% to 87.5%**. Success is an iceberg and every success entails dedication, hard work, good habits, disappointments, sacrifices, failures and persistence. The criteria for success is having good health and body, brain power, happiness, family, social life and being a good human being. Shri Mehta gave examples of great achievers like **Thomas Alva Edison, Einstein, Truman, Mahatma Gandhi** etc. and commended their virtues. He concluded by saying that one must possess the three attributes namely **gratitude, forgiveness and unconditional love**.

Post lunch session was conducted by Dr. Deshpande who dwelt on the management and implementation of **Six Sigma**. He has carried out extensive investigations on rise and decline of cultures of over four decades. He spoke of his recent book, "**A small step for man: Zero to Infinity with Six Sigma**" which is on providing solutions for societies struggling with competitive challenges. He was the first to introduce six sigma training to corporates in India. He introduced Six Sigma in Engineering and Management in US, Greece, Kuwait and India. He spoke of his paper, "**How US could save \$100 billion per year in Healthcare costs**" which was widely acclaimed and is under examination for implementation. He also undertook a case study on "**Alignment of human chakras in various emotional states**". Dr. Deshpande elaborated on his training programs in process control and optimization, six sigma and internal excellence. He has developed a scientific framework for world transformation.

Prof. MP Poonia thanked the speakers for their passion and concern for the well being of student community. He lauded their efforts for promoting harmony and contributions in their niche areas.

Prof. Sahasrabudhe thanked the audience for their participation and the guests for sparing their valuable time for the benefit of students and faculty members.





Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: Visit to Moon Beverages Limited

Date of the event: 3/2/2018

No. of Participant: 1

Summary of the event:

A visit to Moon Beverages Limited, Udyog Kendra, Gautam Buddh Nagar, Greater Noida was organized by Dronacharya Group of Institutions, Greater Noida on 3rd February 2018. Students from MBA and B.Tech visited the organization along with faculty members Dr. Vandana K. Nair and Mr. Ajay Kumar Chaubey.

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Upon arrival at the Plant, students were welcomed by Mr. Sourabh Kumar, Head, Marketing, Moon Beverages. Mr.Kumar informed the students that Moon Beverages started with manufacturing of soft drinks THUMS UP, LIMCA, MAAZA, RIMZHIM, BISLERI, GOLD SPOT under arrangement with Parle. However in 1994 the company became the authorized bottler of Coca Cola Atlanta, USA and started manufacturing and distribution of Coca Cola, Limca, Sprit, Maaza, Thumps UP, Fanta, Minute Maid, Coke Zero & Kinley.

Sharing the Plant's achievements, Mr.Kumar said that the company is first of its kind in :

Getting Green Building Certification

In installing a SPK CAN Line with flexibility to produce both SLIM and SLEK Cans

In launching multi packs of can, 600ml pet and Pocket Tetra

Getting accreditation as the Number 1 Plant in the QSE Index

During the visit, students were briefed about Line Capacity, Coke Products and Pack Size.

Students had the opportunity to see the Clean in Process (CIP) where the cleaning of pipelines, syrup tanks and sugar melting units. The students were also taken to the refilling and packaging division of the bottling plant. There they were explained the different steps of filtering, sterilization, filling and packaging.

The visit ended at entertainment zone where students enjoyed clicking photographs and playing games. The visit was a great learning experience for the students.



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Name of the event: Seminar on “Importance of the Intestinal Micro Flora in Health and Disease” and “Role of Probiotics in Maintaining Good Health”

Date of the event: 15-03-2018

No. of Participant: 2

Summary of the event:

NSS Wing of Dronacharya Group of Institutions, Greater Noida in association with **Yakult Danone India Pvt. Ltd.** organized a seminar on “Importance of the Intestinal Micro Flora in Health and Disease” and “Role of Probiotics in Maintaining Good Health” on **15th March 2018** at the Dronacharya Group of Institutions, Greater Noida. The aim of this session was to create an awareness amongst student regarding importance of Micro Flora for digestion.

The seminar was attended by around 75 students of B. Tech 2nd Semester alongwith **Prof Vinod Kumar** HOD-APS, **Prof. S.K. Srivastava**, **NSS Program Co-ordinator**, **Ms Devangi Grover** and **Mr. Prassan Sharma**.

The event began with the floral welcome of **Ms. Jyoti Bohra**, Sr. Executive-Science, Yakult Danone India Pvt. Ltd. by **Prof. (Dr.) Ashish Soti**, Hon’ble Director, DGI, Greater Noida.

Ms. Jyoti Bohra started the session with the discussion on the usefulness of probiotics for Indian conditions. She said that Probiotics are live bacteria and yeasts that are beneficial for our health, especially the digestive scheme. People usually think of bacteria as something that causes diseases, but our body is full of bacteria, both good and bad. Probiotics are often called "good" or "helpful" bacteria because they help keep our self-healthy.

Ms. Bohra, pointed out that researchers are yet attempting to calculate out which bacteria are best for certain health problems. Some common conditions they treat are Irritable Bowel Syndrome, Inflammatory Bowel Disease (IBD), Infectious Diarrhea (caused by viruses, bacteria, or parasites), Antibiotic-related diarrhea etc.

Talking about the pressure of Probiotics, Ms. Bohra said that they are found in foods such as yogurt, while probiotics are found in whole grains, bananas, onions, garlic, honey and artichokes. In addition, probiotics and probiotics are also added to some foods and are available as dietary supplements.

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The session came to an end with group photograph, distribution of Yakult drink amongst all the participants and presentation of memento to **Ms. Jyoti Bohra** by **Prof. (Dr.) Ashish Soti**.

Ms. Ekta Singh, Asst. Professor – Dept. of APS, proposed the Vote of Thanks.




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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: Survey Camp cum Educational Trip to Pandoh Dam and BCW, Mandi, Himachal Pradesh

Date of the event: 14-03-2018 - 17-03-2018

No. of Participant: 2

Summary of the event:

ASCE Student Chapter of Dronacharya Group of Institutions, Greater Noida, organized a Survey Camp cum Educational Trip to Pandoh Dam and BCW, Mandi, Himachal Pradesh. The camp was a four day tour to Himachal Pradesh from **14th - 17th March, 2018** for the 21 participating students of VI Semester **B.Tech Civil Engineering**. During the trip, students visited **Hydroelectric Power Project** in Sunder Nagar which is managed by **Bhakra Beas Management Board (BBMB)**.

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14th March 2018

The students led by two faculty members, **Mr. Shubhankar Debnath** and **Ms. Swati Verma**, reached Sunder Nagar after their overnight journey. Once freshened up, the team went to BBMB Hydroelectric Power Project. The students were divided into two groups and were accompanied by Assistant Superintendent Engineer **Er. J.P. Gupta** and **Er Manjeet Kaur** who guided them. They were briefed about the working principles of Pandoh Dam. The students were taken to the machine hallway, turbine section and control section of the powerhouse where they learnt practical aspects of Hydropower Engineering.

The guides explained the agricultural and economic benefits of the project, dead storage cleaning process, filtration of suspended solids before entering they enter the turbines, type of turbine used etc. **Er. Gupta** said that the dam was constructed in 1977 with majority of work being done manually. Even now the data management system of the dam is effectively run manually.

The water is used for power generation at the Dehar Power House before being discharged into the Sutlej River, connecting both rivers with the help of an underwater tunnel of nearly 13Km.

After the visit to Sundernagar Power Project, the team headed for Manali.

15th March 2018

The team went for the **“Survey Camp-2018”** to Gulaba where they experienced heavy snow fall.

Closed Compass Traversing and Leveling were done at Manali. Prismatic Compass was used for the Closed Traversing.

16th March

In morning, closed traversing was done using Prismatic Compass.

17th March

The students went for the sight seeing and shopping. Later the team started its journey back to Greater Noida.

Students took great interest and completed the survey work successfully. Overall it was a knowledge enriching and a motivational trip for the students.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: Visit to ELECRAMA-2018

Date of the event: 12/3/2018

No. of Participant: 1

Summary of the event:

The 2018 edition of **ELECRAMA** is being organized by **Indian Electrical & Electronics Manufacturers' Association (IEEMA)** from **10th to 14th March 2018** at **India Expo Mart, Greater Noida**. It is the biggest showcase of the world of electricity which brings together the complete spectrum of solutions that powers the planet, featuring not just equipment & technology but peerless thought leadership platforms for everything electric-from technical conferences to industry summits. IEEMA also organized World Utility Summit, eTECHnext, Change Xchange 2018, Engineer Infinite concurrently along with ELECRAMA-2018.

Students of 2nd, 3rd and 4th year and **Mr. Probeer Sahw, Mr. Raj Ranjan Prasad, Mr. Amit Jain, Mr. Ravi Prakash Verma, Ms. Rasveen and Ms. Prity Yadav**, faculties from the Department of Electronics & Communication Engineering and Department of Electrical & Electronics Engineering of **Dronacharya Group of Institutions, Greater Noida** visited the exhibition on **12th March 2018**.

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Around 1200 organizations, including 300 foreign and 900 Indians. like ABB India Ltd., Aditya Birla Insulators, Amtek Instruments India, Applied Precision, Bharat Heavy Electricals, C&S Electric, Ashida Electronics, Delta India electronics, Finolex Cables, Exide Industries, Havells India, Hitachi, Jindal Rectifiers, Kirloskar, Panasonic, Tata Communications, L&T, Seimens, Mitsubishi Electric India etc. displayed their product.

The exhibitions provided insight of contemporary standards and products being used in the industry ranging from traditional products like transformers, cables, switchgear and circuit breakers, testing equipments etc. to new age products like smart energy solution, electric vehicle charger, power modules etc. Apart from big industry players emerging companies also displayed their upcoming products under Engineer Infinite like 3-D printer, virtual reality based interface, gesture controlled robots etc.

Students got an opportunity to interact with people from the industry and gain insight of the existing and upcoming products and services. The visit was truly informative and interesting.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: Women Startup Summit- Leadership Insights

Date of the event: 8/3/2018

No. of Participant: 1

Summary of the event:

PHD Chamber organized **Women Startup Summit- Leadership Insights** on **March 8th, 2018** at PHD House New Delhi. The Summit was curated by PHDCCI with the aim to bring together acknowledged leaders from varied fields whose powerful, candid, real life lessons would add immense value in the life of people.

Prof TPN Singh, Advisor (R&D, **Dronacharya Group of Institutions, Greater Noida** attended the summit.

Following dignitaries were present:

- **Mrs. Anuradha Goel**, Chairperson-Family Welfare Foundation, PHD Chamber
- **Dr. Shikha Suman**, Founder, Medimojo
- **Ms Shivani Singh**, Founder- Magickrafts
- **Ms Gauri Guha**, Inspirational Speaker
- **Ms Tamanna Dhamija**, Founder and Mommy in Chief, Baby Destination
- **Dr. Vibha Tripathi**, Director, Swajal Water Pvt. Ltd.

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Ms. Anuradha Goel appreciated the grit and determination of women leadership despite their other varied responsibilities. Niti Aayog has stated that women leaders in India are bringing about a lot of development in the public and private sectors. More than two dozen Indian women entrepreneurs are currently in the US on a business trip. In India women have 30% share in corporate senior management positions which is very encouraging.

The women entrepreneurs spoke about their success stories and hurdles encountered in achieving their objectives. However, persistence and tenacity of purpose has always been the winner. Single minded focus and belief in oneself is the primary precursor for successful entrepreneurship. The speakers shared their personal stories of success and even temporary setbacks that had invaluable leadership lessons embedded in each one of them and provoked meaningful dialogue during the session.

Ms Gauri Guha gave an inspirational talk on women entrepreneurship and said that it is an immense reservoir of creativity, employment and progression. In the ever changing dynamics of technology explosion and economic growth women are operating as social actors.

Dr.Vibha Tripathi emphasized that encouraged by the fast-emerging group of women entrepreneurs, Niti Aayog will launch a dedicated women's cell to provide them with a platform where various stake holders can connect to give a boost to their initiatives.

Dr. Jatinder Singh, Director said that Women entrepreneurship is a vast untapped source of innovation, job creation and economic growth. With the rapidly evolving business landscape, marketing linkages and huge demographic advantage, women globally are operating as economic actors in this changed milieu.

Dr. Singh felicitated the dignitaries and gave a brief description of their achievements. He averred that women leadership has always been there since times immemorial and the present world has a sizeable percentage of women leaders. Corporate leaders like **Dr. Kiran Mazumdar Shaw of Bio-Con, Naina Lal Kidwai of HSBC, Chanda Kochhar of ICICI, Indra Nooyi of Pepsi** are international celebrities. Over the past few years, India has record growth in women entrepreneurship and more women are pursuing their career in this direction. Presently in our country about eighty lacs of women are in their own business.

The summit was concluded by the co-ordinator with the vote of thanks.



Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

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Name of the event: DELHI WOMEN LEADERSHIP SUMMIT : 2018

Date of the event: 8/3/2018

No. of Participant: 1

Summary of the event:

The **Delhi Women Leadership Summit** was organized by **Indian Women Network** in association with **Confederation of Indian Industry** and **The Nijhawan Group** as Corporate Contributor on **8th March 2018** at **Hotel Le Meridien, New Delhi**. **Sonal Handa and Yashaswi Chaturvedi, students of MBA 2nd year and Mrs. Honey Gupta, Assistant Professor, Department of Management Studies, Dronacharya Group of Institution, Greater Noida** attended the summit.

The summit was divided into two sessions. The first session was dedicated to **“Women Leaders: Leading Out Loud”** and the second to **“Women Safety and Security”**.

The summit was inaugurated by **Ms. Divya Chauhan - Chairperson, Indian Women Network - Delhi Chapter**. The Chief Guest for the first session was **Ms. Urve Palo, Minister of Entrepreneurship and Information Technology, Republic of Estonia**. **Mr Riho Kruuv - Ambassador to India, Republic of Estonia** and **Ms Mariela Cruz Alvarez - Ambassador, Embassy of Republic of Costa Rica** was the **Guest of Honor**.

During their speeches, the guests suggested inputs to enhance every woman’s career goals. They suggested the audience to connect and network to share ideas, information, contacts and opportunities.

There were some other eminent personalities as panelist from different areas of work, like Fashion Designer, Yoga Instructor, Wheelchair Basketball Player, Advocates, Editors, etc. They discussed the importance of self-dependence in the life of woman specially in Indian Scenario. They also shared their personal experiences as well as their achievements and suggested ways to maintain balance between their Personal and Professional life.

The session on **Women Safety and Security** was addressed by **Ms. Vijayanta Arya, Additional Commissioner of Police-South Delhi Police** with **Mr Rahul Makin –Radio Jockey fever 104 FM**. **Ms. Vijayanta shared her** real life experience in dealing with challenging situations.

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The session concluded with Q&A and closing remarks by Ms Isha Bhandari. Students got an opportunity to interact with people from the industry and felt motivated to go the extra mile to stand out in the crowd.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: Visit to Open House 2018

Date of the event: 21-04-2018

No. of Participant: 1

Summary of the event:

Department of Applied Science, Dronacharya Group of Institutions, Greater Noida organized a visit to **Open House 2018** held at IIT Delhi on **21st April 2018**. 33 students along with two faculty members **Dr. SK. Srivastava** and **Mr. Dinesh Kumar** went for the visit.

IIT students had exhibited an extensive collection of innovative research and product development projects at its Annual Open House, It was a one - day event dedicated to provide an insight into path-breaking research work, student projects and the numerous advanced facilities and laboratories available in IIT Delhi.

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Continuing the tradition of last thirteen years, this year too Open House offered a real treat to the eyes of the connoisseurs by presenting finest of the projects to technology enthusiasts, students and colleagues from other technical Institutes, school children, industries and general public.

Some of the eye catching projects displayed this year were:

- **Nano-Material based Water Purification Device**, a portable device for early detection of infectious diseases.
- A proposal to make **inter-vertebral disc tissue using silk biomaterials**.
- A project to **use electrochemical reaction of carbon dioxide** to value added products using solar energy.
- **'On Board'** – a bus identification system for visually challenged people.

The exhibition also included an **Upper Limb Robotic Rehabilitation Device** for objective physiotherapy in case of a chance event, a **nasofilter**, an affordable **pocket spectrophotometer** for field diagnosis and soil testing, and **digitally accessible braille**.

Speaking about the annual technical exposition, **Professor Suneet Tulli**, Dean Research, IIT Delhi said that the exhibition was an opportunity for the wider community to experience the innovative vision of IIT Delhi students.



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Name of the event: An industrial visit to WPIL Ltd., Ghaziabad

Date of the event: 20-04-2018

No. of Participant: 1

Summary of the event:

An industrial visit to **WPIL Ltd., Ghaziabad** was organized by **Department of Mechanical Engineering, DGI Greater Noida** under the aegis of **ISTE Student Chapter, DGI Greater Noida** for B.Tech 2nd year students on **20th April 2018**. Twenty three students along with faculty member **Mr. Brijesh Verma** visited the industry to acquire knowledge on modern methods used in a foundry industry.

DGI Team reached **WPIL Ltd** at 11:00 AM and were welcomed by **Mr. Arun Kumar (Sr. Manager, Foundry)** and **Mr. Ved Prakash Rastogi (Senior Foundry Consultant)**. **Mr. Kumar** gave an introduction about industry and informed that WPIL was established in 1952 as **Johnston Pumps India Ltd** and became **Worthington Pump India** in 1983. WPIL Ghaziabad plant was established in 1968. Presently it is a leading manufacturing industry which deals in designing, developing, manufacturing and installation of pumps and pumping systems.

For the plant visit students were divided in three groups which were headed by **Mr. Arun Kumar, Mr. Ashok Kumar Rai (Foundry Assistant)** and **Mr. Deepak Sharma (Foundry Assistant)**. They guided the students to various sections of Foundry Shop which were :

Pattern Making, Sand Preparation, Mold Preparation, Melting and Pouring, Cleaning of Casting and Heat Treatment section.

During the visit, students learnt about **Pneumatic powered Shot blasting** and **heat treatment**. They also visited inspection room where various testing equipment such as **Spectrography** and **UTM** were being used to check the quality of castings and testing the strength of sand mold.

Mr. V P Rastogi and **Mr. Arun Kumar** had an interactive session with the students at the end of their visit. They explained them the intricate details of foundry and also discussed latest trends being used in castings to minimize machining cost. **Mr. Arun Kumar** suggested students to make it their habit to read standard books of their concerned subjects.

Students enjoyed and gained practical knowledge from the industrial visit.

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Name of the event: Innovation Budge - 2018

Date of the event: 12/4/2018

No. of Participant: 2

Summary of the event:


Rati Kumari Jha, Ishant Pachauri, Abhishek, Shweta Pathak, Gaurav Kumar and Ashutosh Kumar Jha, students of **Dronacharya Group of Institutions, Greater Noida** participated in "**Innovation Budge 2018**", a National Project Competition organized by **Sharda University, Greater Noida** on **12th April 2018**.

The event saw participation from around 150 Teams across the country. All submitted ideas were evaluated on the basis of their innovativeness, technical feasibility and social impact.

The project "**SMART-WHEELCHAIR**" developed by DGI students under the guidance of **Ms. Monu Singh** won **the First Prize**. Along with the Certificate and a Trophy, the team was also gifted with cash prize of Rs. 8000/-

The event was judged by Central Electronics Ltd. Chief Manager, **Sh. Surinder Kumar**, Steria Sr. Project Manager, **Sh. Ravi Raman** and other distinguished guests.




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Name of the event: MHRD-AICTE Workshop on Social Media- Uses & Effect

Date of the event: 10/4/2018

No. of Participant: 4

Summary of the event:

In recognition of the importance of social media for National institutions, **All India Council for Technical Education (AICTE)** in association with **Ministry of Human Resource Development (MHRD), GoI**, organised a **Workshop on Social Media - Uses & Effect** on **10th April 2018** at AICTE, New Delhi.

B. Tech 2nd Year students, **Dravid Nagi** and **Swati Sethi** along with faculty **Ms. Aditi Arora**, Assistant Professor in Computer Science and Engineering Department **Dronacharya Group of Institution, Greater Noida** attended the workshop.

The workshop started with the lighting of lamp by the dignitaries from MHRD, UGC and AICTE.

Dr. R Subramanyam, Honourable Secretary of Higher Education stressed upon improving the overall management of the Indian institutions. He suggested that the technology has evolved at a very fast pace and it can provides solution to many problems in order to better manage our institutions. He further added that so much of good work is happening but not everything gets reflected in the press or the press sometimes reports it in a very distorted manner, so it is necessary for us to create a network of all the social media cells in every institutions so that a good work done in one institution can be spread across in a better way to others.

Dr. Anil Swaroop, MoS (School Education & Literacy) said that one thing that we should not do while interacting with social media is to claim something which we aren't. He advised all to be blunt about the facts as they stand and never ever play with facts. Social media can be a great instrument to create aspirations and one can recognise people for their good work he added.

Dr. Satyapal Singh, Honourable Minister of State (MHRD) said that social media has become a very powerful tool today for uniting educational institutions to spread good work across other educational institutes. This potential must be harnessed to promote and spread valuable information. He was op the opinion that knowledge must be expressed, shared and expanded. He also laid emphasis on MOOCs courses.

Dr. Pankaj Mittal, Additional Secretary UGC explained about SWAYAM platform, developed by [Ministry of Human Resource Development \(MHRD\)](#) and [All India Council for Technical Education \(AICTE\)](#).

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A recorded speech of Honourable Minister of MHRD, **Mr. Prakash Javedekar** was played.

Prof. Anil D Sahashrabudhe (Chairman AICTE) informed that in order to keep technical educational institutes updated and integrated AICTE has taken significant initiatives in the use of social media. With increasing number of followers on twitter and Facebook. He encouraged all to actively participate in Smart India Hackathon.

Shri Shashi Shekhar, CEO, Prasar Bharti advised that educational institutions should use social media in a very institutionalized way with standard operating procedures and best practices to deal with real crisis.

Shri Subho Sengupta, MHRD Official, discussed USHAHIDI, an international platform to collect, manage and analyze data.

The workshop ended with a vote of thanks followed by lunch.



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Name of the event: 1st Round Presentation of Ideas for Innovation Gallery

Date of the event: 6-04-2018 - 7-04- 2018

No. of Participant: 1

Summary of the event:

With reference to **Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow letter, Ref. No. AKTU / DeanUG / KCIIS / 2018 / 08 Dated 12 Jan 2018**, the university had invited proposals for prototyping grant for which it received excellent response. After initial screening, thirty ideas were shortlisted for presentation to be made on **6th April 2018** at **Dr. APJ Abdul Kalam Technical University, Lucknow**. The top 30 teams were selected on the basis of their abstract and feasibility.

Through KCIIS, AKTU had provided an exciting chance for students to make innovative ideas heard on state platform where selected teams would get a chance for having start-up for their products as well as funding with Rs.12000. **Dr. APJ Abdul Kalam Technical University's** Entrepreneurship Development Programme is for every student having an idea that can solve an unavoidable real life problem.

The project **SMART HELMET** developed under the guidance of **Asst. Prof. Mrs. Monu Singh** by **Shivam Yadav, Sunny Singh, Rakshit Sharma and Pankaj Ramola**, students of **Dronacharya Group of Institutions, Greater Noida**, was one of the projects shortlisted for the presentation.

In the presentation held on **6th April 2018 in AKTU, Lucknow**, the shortlisted team made the presentation in front of juries. The jury team comprised of several members with expertise across a range of issues relevant to the projects. They gauged the projects based on the applicants' Scientific Thought, Engineering Goals, Creativity, Skill, Clarity and Commitment.

The result is yet to be declared.

The best entries will be displayed at the **Kalam Innovation Gallery** at the university.



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Name of the event: Tech-O-Tonic 2018

Date of the event: 5-04-2018 - 6-04-2018

No. of Participant: 2

Summary of the event:

Tech-O-Tonic:2018, a Tech Fest organized by **Department of Computer Science, Dronacharya Group of Institutions, Greater Noida** under the banner of **DGI-CSI Student Chapter** was held on **5th - 6th April 2018**. During the two days events, **Tech-Talk** (Technical Poster Presentation), **Pro-Wizards** (Project competition), **Code Race** (Coding Competition), **Marionette** (Mannequin Challenge) and **Inquisition** (Treasure Hunt) was organized.

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The programme was inaugurated on **5th April 2018** with the Lighting of Lamp by **Hon'ble Director DGI Dr. Ashish Soti, Registrar Prof. B.L.Kaul, DGI-CSI Coordinator Prof. Shanthi Makka** and all HODs.

In the first event, **Tech-Talk**, the participants designed and presented posters on Digital India, HeliDisplay, Brain Finger Print Technology, 3D Internet, Artificial Intelligence and many more advance topics.

In the second event **Pro-Wizards**, participants displayed their working prototype of their Projects. In the **Code Race**, programmers were given set of questions and top ten were selected based on efficiency, accuracy and time taken for the completion of the program.

In Marionette, participants prepared a video of 1 minute on randomly given topic, with a mannequin act.


The most awaited event **Inquisition** - hunt your treasure, was full energy and enthusiasm. The two days event was marked with learning, cooperation, innovation and team building.

During the Valedictory session, **Hon'ble Director Dr. Ashish Soti** and **Registrar Prof. B.L.Kaul** gave away prizes to the winners. Event coordinator **Ms. Shanthi Makka** proposed the Vote of Thanks.

List of Winners

Tech-O-Tonic 2018 under DGI CSI Student Chapter

Event	Winner (1st Prize)	Runner up (2nd Prize)
Tech-Talk	Title: Artificial Intelligence THE PRESENT Shivani Lal (CSE 6th Sem)	Title: Artificial Intelligence Change the world Team: Chhaya Lodhi (CSE 6th Sem) Deepali Bisht (CSE 6th Sem)
Pro-Wizard	Title: Smart Wheel Chair Team: Abhishek (CSE 6th Sem) Ishant Pachauri (CSE 6th Sem) Ashutosh Kumar Jha (CSE 6th Sem) Rati Kumari Jha (CSE 4th Sem)	Title: Go Cart Team: Sahil (ME 6th Sem) Mehul (ME 6th Sem)


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Tech-O-Tonic 2018 under DGI CSI Student Chapter

Event	Winner (1st Prize)	Runner up (2nd Prize)
Code Race	Navonil Das (CSE 2nd Sem)	Sahil Choubey (CSIT 2nd Sem)
Marionette	Team: Techietech Shivani Lal, Kapil Chaudhary, Shivangi Anand, Swati Roy, Pinky Das (CSE 6th Sem) a	Team: Zappers Sintu, Praveen, Prafful, Hardik, Vaishali (1st Year APS)
Inquisition	Varun Kumar Sharma (CSE 8th Sem) Rajan Kumar Jha (CSE 8th Sem)	



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Name of the event: CII - DRFHE Awareness Session on Gastrointestinal Disorders

Date of the event: 5/4/2018

No. of Participant: 1

Summary of the event:

Dr. Reddy's Foundation for Health Education (DRFHE) in association with **Confederation of Indian Industry (CII)**, organized an awareness Session on **Gastrointestinal Disorders** at **Dronacharya Group of Institutions, Greater Noida** on **5th April 2018** under the banner of **DGI NSS Wing**. The session was conducted by **Dr. Mahesh Gupta**, **Gastroenterologist, Kailash Hospital, Noida**.

The program started with bouquet presentation to **Dr. Gupta** by **Prof. Ashish Soti, Director Dronacharya Group of Institutions, Greater Noida**.

Describing the disorder, **Dr. Gupta** said that Gastrointestinal diseases refer to diseases involving the gastrointestinal tract, esophagus, stomach, small intestine, large intestine and rectum, and the accessory organs of digestion, the liver, gallbladder, and pancreas. Most people he said don't like to talk about it, but having a gastrointestinal problem is common. There's no need to suffer in silence. If you suspect you could have one of these issues, don't delay in speaking with your doctor.

While discussing its causes, **Dr. Gupta** informed that the problems occur when nerves or muscles in any portion of the digestive tract do not function in a coordinated fashion, or when the sensitivity of the nerves of the intestines or the way in which the brain controls some of these functions is impaired. Symptoms, he said commonly include pain, heartburn, abdominal distension, nausea, vomiting, bloating, constipation and diarrhea.

Stressing upon the remedies, **Dr. Gupta** suggested avoiding the foods and beverages that trigger the symptoms. He advised taking over-the-counter antacids or other medications that reduce stomach acid production and inflammation of the esophagus only under the prescription of a Doctor. He said that the best way was to take in foods made by Mother Nature, that is fruits and vegetables, to make the digestive system become healthier.

The seminar closed with the interactive session. **Dr. Gupta** was presented with a memento by **Prof. Kaul, Registrar- Dronacharya Group of Institutions**, in appreciation for conducting the awareness session.

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Name of the event: 4th Smart Cities India 2018 Expo

Date of the event: 25-05-2018

No. of Participant: 2

Summary of the event:

B.Tech students of CSE, CSIT, ECE ,M.E and Civil Engineering Department of **Dronacharya Group of Institutions, Greater Noida** attended **4th Smart Cities India 2018 Expo** on **25 May 2018** at **Pragati Maidan, New Delhi**. **Ms.Rasveen** and **Mr.Shubhankar**, Asst.Professor- Department of Electronics and Communication Engineering and Civil Engineering accompanied the students.

The 4th Smart Cities India 2018 expo was inaugurated by **Shri C.R. Chaudhary** Union Minister of State for Commerce & Industry and Consumer Affairs, Food & Public Distribution, and **Shri Ashwini Kumar Choubey**, Union Minister of State for Health and Family Welfare.

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The expo was held to attract industry experts and leaders from the city, government and community to share their views and proposals to make cities more sustainable, efficient, transparent, and, above all, enhance the quality of life of its residents. From ground-breaking start-ups to blue-chip multinationals, companies from 40 countries unveiled the latest in technology products and services.


This trade show brought together global industry leaders, exhibitors, industry associations, speakers, government administrators, municipal bodies, urban planning experts, investors, pioneers, technology innovators, architects, academia and the media to envision the cities of tomorrow. Government and business delegations from all across the globe attended the expo.

This mega event incorporated five expos with the view to develop attractive, safe and smart cities that evoke pride, passion and a sense of belonging among citizens:

1. Buildings India Expo
2. Solar India Expo
3. Transport India Expo
4. Smart Cities India Expo
5. Water India Expo

The ideas presented in the exhibition were very informative. It will assist the students to implement these ideas in projects and enhance their knowledge in different fields.




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Name of the event: INTERNATIONAL YOGA DAY

Date of the event: 21-06-2018

No. of Participant: 4

Summary of the event:

International Yoga Day was observed at **Dronacharya Group of Institutions, Greater Noida** on **21st June 2018** in association with **Sri Sri School of Yoga, Bangalore**. The Yoga Session was conducted by **Ministry Of Ayush** Certified Trainer, **Ms. Ragini Singh** and **Prof. Rajneesh Khare**, a spiritualist, associated with **Sidhyog Ashram**, which saw active participation from the students, teachers and staff members. The aim of the program was to inculcate the habit of **Yoga & Meditation** amongst the youngsters so that they can enjoy peace of mind and self-awareness, which is essence of stress-free existence.

The session started with the floral welcome of **Ms. Ragini Singh** and **Prof. Rajneesh Khare** by **Prof. Ashish Soti, Hon'ble Director, Dronacharya Group of Institutions, Greater Noida**. While addressing the audience, **Prof. Soti** emphasized on healthy development of mind, body and soul by mastering certain yoga postures.

Ms. Ragini Singh demonstrated various asanas such **Urdtadasan, Vrukshasan, Trikonassan, Urdchakrasan, Vajrasan, Shashkassan, Urdhmachudrasan, Padahastasan, Urdhastasan, Shetubhadasan, Pawanpuktasan and Shawasan**. She explained the manner in which these asanas should be performed, the precautions to be taken and the likely effect they have on body and mind.

Prof. Khare highlighted the importance of Yoga and Meditation and said that meditation is relaxation and not concentration. The overall benefits of meditations include a calm mind, enhanced concentration, improved clarity and communication and relaxation of mind and body. He advocated regular practice of meditation which has a profound impact on the core three areas of our existence - physical, mental, and spiritual.

The event concluded with memento presentation to **Ms. Ragini Singh**. The participants pledged to practice Yoga and even motivate others.

The program was coordinated by **Dr. S.K. Srivastava, DGI-NSS Program Coordinator** along with NSS team members **Ms. Devangi Grover** and **Mr. Prassan Sharma**.

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Name of the event: Residential teachers training programme

Date of the event: 28-11-2017 - 20-12-2017

No. of Participant: 1

Summary of the event:

Spoken Tutorial Team of IIT Bombay conducted an Induction **Training Programme** under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT)**, an initiative of **MHRD, Govt. of India**, during **28th November 2017 - 20th December 2017**

About 120 teachers from various Universities/Colleges registered for the program. **Mr. Harshit Bhardwaj**, Assistant Professor in Computer Science & Engineering Department, **Dronacharya Group of Institution, Greater Noida**, attended the Induction Training Programme.

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Day 1: 28 November 2017

The Induction Program was inaugurated by **Prof. Devang V. Khakhar** (Director, IIT Bombay), **Prof. Deepak B. Phatak** (Department of Computer Science, IIT Bombay), **Prof. Kannan Moudgalaya** (Department of Chemical Engineering, IIT Bombay), and **Prof. Sridhar Iyer** (Department of CSE & IDP in Educational Technology, IIT Bombay).

After the inauguration, **Prof. Kannan Moudgalaya** discussed the objectives of the course and its contents. The participants introduced themselves and shared their expectation from the course.

During the second session, **Dr. Rangan Banerjee** (Head of the Department of Energy Science and Engineering at **IIT Bombay**), gave a brief introduction on **Status of Higher Education in India**. He spoke about the responsibilities of **University Grant Commission (UGC)**, **All India Council for Technical Education (AICTE)**, **National Assessment and Accreditation Council (NAAC)** and **National Board of Accreditation (NBA)**.

Prof. Deepak B Phatak, discussed **Fundamental Responsibilities of a Teacher**. He emphasized on Time, Concern, Encouragement & Empowerment, Adaptability and Ethics for a Teacher.

Later **Prof. Kannan** conducted a session on **Introduction to the LaTeX and Scilab**.

Day 2: 29 November 2017

The session of the day was conducted by **Prof. Kannan** on **Latex. Spoken Tutorial** videos of LaTeX was played for the participants to make them understand **“How to write a letter using LaTeX”**.

Practical implementation of **Documentation using LaTeX** was demonstrated. It continued with a session on **How to use Mathematical Expression using Latex** and **How to insert Equations & Table of Contents in a Text File using Latex**.

Day 3: 30 November 2017

Prof. Kannan conducted a session on **How to Build Curriculum Design and Content Development of Spoken Tutorial courses**. He continued the session with an explanation of **Spoken Tutorial Translation and Dubbing Methodology** and described in detail the English Timed-Script Method, Google Input Tools for UNICODE Fonts and Review by Language expert.

Ms. Nancy Varkey (Member of Spoken Tutorial Creation Team), discussed, **“How to use the most of ICT in your classroom”**. She also gives a brief introduction about the “Spoken Tutorial” and spoke about its benefits.



Day 4: 1 December 2017

Prof. Kannan conducted a session on "**Pedagogic Techniques & Teaching and Learning Methods**". The objective of this session was to make the participants understand Conventional, Non-conventional and Innovative methods of teaching.

Spoken Tutorial videos of **Libre Office** was played for the participants.

Participants practiced "**Libre Office**". It was followed with playing of Spoken Tutorials videos of "SciLab". Participants later did Hands on Practice of Scilab".

Day 5: 2 December 2017

Dr. Indira Koneru (Administer Moodle for IBS India) conducted a session on "**Effective Use of Technology for Teaching, Learning and Evaluation**". She gave a brief introduction about Digital Classroom, Teachers' Preparation, ICT based teaching methods, ICT based assessment methods and role of ICT tools in teaching and learning.

She later talked about "**Moodle**" (Modular Object-Oriented Dynamic Learning Environment), an Open Source Learning Management System (LMS) Participants later did hands on practise of "Moodle".

Day 6: 4 December 2017

Prof. Ravindra Gudi (Department of Chemical Engineering, IIT Bombay) conducted a session on "**Continuing Education**"

Prof. Ravindra Gudi conducted session on "**Qualified Institutional Placement**" (QIP) and the ways in which QIP can be implemented. He insisted on promoting strong industry-institute interaction.

Dr. D. K. Ghosh conducted session on "**University Structure and Functioning**". He described National Academic Governance, Accreditation and University Acts.

Day 7: 5 December 2017

Prof. Uday N. Gaitonde (Department of Mechanical Engineering, IIT Bombay) conducted a session on "**Curriculum Design and Content Development**". The objective of this session was to make the participant understand how to design Curriculum, Content Development, Digital Resources and Online Resources.

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Prof. K. Mangala Sunder (Department of Chemistry, Indian Institute of Technology Madras) conducted session on "**Online Resources**" in which he discussed Remote Learning and Innovation Strategies, Challenges in Effective Learning and Strategies, and Challenges in Effective E-Learning.

Prof. Padma Satish (Industrial Research and Consultancy Centre - IRCC, IIT Bombay) conducted a session on "**Intellectual Property and Ecosystem in Academia**".

She later conducted another session on "**Intellectual Property and Ecosystem in Academia**". She briefly discussed Intellectual Property Rights-IPR, Patents, and Patent Protection Process.

Day 8: 6 December 2017

Dr. Jayshree Shinde (Department of Educational Technology, SNDT Women's University, Mumbai), conducted a session on "**Planning for Pedagogy Shift**" and on "**Taxonomy of Objectives of Pedagogy Shift**", Dr. Shinde explained Cognitive Process Dimensions such as Creating, Evaluating, Analysing, Applying, Understanding and Remembering.

It was followed by a session on "**Curriculum Committees and Processes**" by **Dr. Supratim Biswas** (Department of Computer Science and Engineering, IIT Bombay).

The fourth session of the day was conducted by **Ms. Madhulika Goyal** (Member of Spoken Tutorial Team) on "**Instructional Material**" in which she spoke about the resources/tools that help a teacher to ease, motivate, enhance and promote teaching and learning activities.

Day 9: December 2017

Dr. Ritayan Mitra (Assistant Prof., Education Technology, IIT Bombay) conducted session on "**Metacognition**", i.e., one's knowledge concerning one's own cognitive processes and **Dr. Padma Satish** conducted a session on "**R & D: Opportunities and Implementation**". She discussed the types of R & D such as Academic Research, Sponsored Research, Industry-relevant Research, Collaborative Research and Development, Consultancy Projects and Policy Research.

Dr. Sachin Patwardhan (Department of Chemical Engineering, IIT Bombay) later conducted a session on "**Introduction to Research**". He discussed "Creative Thinking Skills and Research" and said that the process of carrying out research requires a combination of Higher Order Thinking Skills (HOTS) i.e. critical (analysis, evaluation) and creative thinking.



Day 10: 8 December 2017

Prof. Varsha Apte (Head-Computer Centre, IIT Bombay) conducted a session on "**Misuse of IT**". She differentiated between good & bad use of technological invention by humans.

The next session of the day was conducted by **Prof. Soumyo Mukukherji** (Dean of Student Affairs, IIT Bombay) on "**Antiragging**". He pointed out the ill-effects of ragging on the victim and his mental stress.

Ms. Amita Tagare (Incharge, Student Wellness Centre, IIT Bombay) later conducted a session on "**Personal-Emotional Development and Counselling Strategies**". She explained how a teacher can develop himself from a 'Role Model' to a 'Target Achiever'. She also emphasized upon the changed perception of Teachers, and how they should maintain a balance in their professional and personal life.

During his session on Vigilance in Academia, **Prof. A. Q. Contractor** (Retired Prof., IIT Bombay) spoke about Corruption Perception Index, Role and function of CVO, Common Irregularities in Stores/Purchase/Contracts and potential areas of concern in academic institutions in detail.

Day11: 9 December 2017

Prof. Kannan Moudgalya conducted a session on Spoken Tutorials for Skill Training. He said that through its Self-Learning workshops on C, C++, Java, Python, Perl, Ruby, Scilab etc. learners can create a brighter chance of employment for themselves.

Prof. Sahana Murthy (Department of Educational Technology, IIT Bombay) explained what is assessment, the purpose of assessment, aligning assessment with learning objectives, hierarchy of cognitive levels, Think Pair Activity and Action Verbs for learning objectives.

Dr. Narendra Shah (Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay) later conducted a session on "**Case-studies in Agro and Rural Industry**". He discussed the design and development of Seed Storage Units for Community based Seed Banks for marginal farmers.

Mrs. Pooja Prasad (Team member of CTARA, IIT Bombay) conducted session on Planning and Development. In her session, Mrs. Pooja spoke about the case study on Sinnar Taluka, a district in Nashik which is in the rain shadow region of the Western Ghats, largely dry and drought prone with drinking water scarcity and highest groundwater.



Day 12: 11 December 2017

Dr. Milind Sohoni (Department of CSE, IIT Bombay) conducted a session on "**Challenges and Opportunities in Engineering Profession**". He discussed the government viewpoint and the **Unnat Maharashtra Abhiyan**.

Mr. Mahesh Vekateshwaran (Member of Knack Game Team) conducted session on "**Knack Game**". Mr. Vishwakarma said that Knack Games engages players in a psychological state of 'flow' (optimal psychological experience) and create an incredibly immersive and engaging digital experience.

Dr. Shishir K. Jha (Faculty, Shailesh J. Mehta School of Management IIT Bombay) conducted a session on "**Significance of Creative Commons in a Digital World**". He discussed digital disruptions, why protect authors' work, creative commons vs copyright, features of CC and concerns of using CC.

Dr. Bhaskaran Raman (Department of CSE, IIT Bombay) conducted session on "**SAFE App**". He said that SAFE stands for Smart, Authenticated, Fast, Exams. The features of SAFE are Easy setup (Setting question paper, conducting exam, grading exam), Cheating-free operation (Tough on a network-enabled smart devices), Robustness (Against Wi-Fi failure, client crashes, no battery).

Day13: 12 December 2017

Prof. Pooja Purang (Department of Humanities and Social Science, IIT Bombay) conducted a session on "**Behaviour in the Classroom**". The motive of her talk was to examine factors that influence students' performance, understand aspects related to diversity, and stress management.

Ms. Sohinee Ganguly (Research Scientist, IIT Bombay) conducted session on **Designing Questionnaire** which was followed by the third session of the day on "**Accreditation**" by **Dr. Pradeep Verma** (Consultant NVLI & NMEICT, IIT Bombay). Dr. Verma talked about NBA, Outcome Based Accreditation, Input-Output Based Accreditation, Washington Accord, Graduate Attributes and NIRF.

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Day 14: 13 December 2017

Dr. Kannan M. Moudgalya started the day with a session on "**Efficacy of a Flipped Method in an undergraduate class at IIT Bombay**". He highlighted Flipped Method and its benefits, shortcomings and the marking scheme.

Dr. Chandan Das Gupta (Assistant Prof., Department of Educational Technology, IIT Bombay) conducted a session on "**Technological Pedagogical Content Knowledge**". His session was followed by another session conducted by **Dr. Sridhar Iyer** on "**Think-Pair-Share: An active learning strategy**".

Day 15: 14 December 2017

Dr. Kameswari Chebrolu (Department of CSE, IIT Bombay) started the day with a session on "**Bodhi Tree**" which work towards a combination of online technical content, mixed with active learning: thinking and problem solving while learning for effective understanding.

Dr. Kalpana Kannan (Department of CSE, IIT Bombay) conducted another session on "**Creating and Implementing MOOCs**". It was followed by **Prof. Deepak B Phatak's** session on "**Formal Education in India**". He spoke about Indian education system, its content, delivery, assessment, and award of degrees and certificates.

He later proceeded with another session on "**T10KT Project**". And dwelt upon Diversity, Skills, Knowledge, Livelihood, Educational Technology, Background of T10KT and its funding from TIFAC, NMEICT Project.

Day 16: 15 December 2017

Dr. D. Parthasarathy (Department of Humanities and Social Sciences) conducted a session on "**Digital Media and Inclusiveness**". In the session, Dr.Parthasarathy spoke about some commons strategies for inclusion across digital and non-digital media and platforms.

Dr. Bhaskaran Raman on conducted the session on "**Plagiarism**". Where he explained plagiarism, its detection and discussed the difference between quoting and copying.

The last session of the day was conducted by **Mr. Sajjan Dixit** (T10KT Project- IIT Bombay) on "**Webcasting**".

Day 17: 16 December 2017

The entire day was scheduled for hands on practice on Spoken Tutorial tools, i.e., Arduino, RDBMS, PostgreSQL, Python, and PHP.



Day 18: 18 December 2017

Ms. Rani Parvathy V (Assistant Prof., Federal Institute of Science and Technology) conducted session on **Concept Mapping with Freeplane** and covered Concept Map, Associated Learning, Content in a Concept, Identifying Wrong Concepts, and Language Parachute.

Dr. Madhu Belur (Department of Electrical Engineering, IIT Bombay) conducted another session on **Version Control System : GIT**. She explained Version Control, Dropbox/Git/Google-Drive (GDrive) and their advantages & disadvantages.

Ms. Sohinee Ganguly conducted session on **"R Programming"**. The session was followed with the Hands on Practise on R by the participants.

The last session of the day was conducted by Spoken Tutorial Team headed by **Ms. Shyama Iyer**. She gave a brief introduction on Spoken Tutorial and then explained how to conduct Spoken Tutorial in one's colleges/university.

Day 19: 19 December 2017

The first session of the day was conducted by **Prof. Ashish Pandey** on **"Academic Leadership"**. He discussed Thought Leadership and how such leaders raise questions in around new developments.

During the next session on Training and Placement, **Prof. Ravi Sinha** (Training and Placement Officer, IIT Bombay) discussed the objectives of Higher Education. He said that the teachers are expected to train the students to contribute for the development of society.

Prof. Sunoj Raghavan (Department of Chemistry, IIT Bombay) conducted a session on **"How to Deliver a Lecture"**. He suggested that the class should be made interactive.

Day 20: 20 December 2017

Delivering a lecture, **Mr. Martin**, Founder of Moodle, spoke about its future.

Prof. Ashish Pandey conducted another session on **"Strategic Planning"**. He discussed its impact on Dynamic and Business Environment and its advent in new technologies.

Prof. Pandey later discussed **Lewin's Three-Step Change Model**, i.e., Unfreezing, Move and Refreezing.

During the Valedictory Session in the evening, participants gave their feedback for the course. The induction programme ended by the distribution of Participation Letters.

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Name of the event: NPTEL SPOC Workshop cum Felicitation

Date of the event: 15-07-2017

No. of Participant: 2

Summary of the event:

National Policy On Technology Enhanced Learning (NPTEL) workshop cum Felicitation was organized at IIT Madras on 15th July 2017.

The aim of this workshop was to:

1. Discuss the Jan - April 2017 course run
2. Share new developments in the NOC front
3. Explore ways to publicize online certification courses in the respective institutions
4. Collect feedback from SPOCs of the previous run
5. Bulk Payment vs. individual payment - feedback and experiences
6. Exam day -feedback and experiences
7. Share best practices for students to learn and perform better in the courses
8. Suggestions for selection of courses

Mr. Ashwani Kumar, NPTEL SPOC attended the event on behalf of Dronacharya Group of Institutions, Greater Noida.

The event was organized in the august presence of dignitaries from **MHRD and IIT :**

1. **Dr.Malti Narayanan, Dy. Secretary, Dept. of Higher Education**
2. **Dr.Shankar Roy, Sr. Consultant, NMEICT**
3. **Dr.Pradeep Kaul Sr. Consultant, NMEICT**
4. **Dr.David Koilpillai, Dean-Planning IIT Madras**
5. **Professor- Dept. of Electrical Engineering, IIT Madras**
6. **Professor - Dept. of Electrical Engineering, IIT Madras**
7. **- Dept. of Metallurgical Engineering, IIT Madras**
8. **Mr. Ashwani Sharma Country Head, University Relations-Google**
9. **Dr.Vijayan, Mathswork**
10. **Ms. Bharathi Balaji, Sr. Project Officer, NPTEL, IIT Madras**
11. **Ms. Kamala Project Officer, NPTEL, IIT Madras**

Dr. Mangala Sunder Krishnan delivered a very motivating speech in honour of **Prof. M.S. Anand**, the brain behind **NPTEL**.

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Prof. Andrew Thangaraj, gave a brief of the NPTEL accomplishments during **Jan - April 2017**. He also shared his experience during a conference in Germany where students from Canada thanked him for making the NPTEL videos available to them.

Ms. Bharathi Balaji played a video wherein the NPTEL participants had shared their experiences of taking up NPTEL courses.


Dr. Prathap Haridoss discussed the process on how the minute details are kept in mind while recording the NPTEL videos. He also shared the trend of candidates registration throughout the country.

Dr. David Koilpillai delivered a very inspiring speech and shared the story of Tenzing Norgay, the first Indian to climb **Mt. Everest** along with **Edmund Hillary**, and how he went on to become the first Director of **Himalayan Mountaineering Institute**.

Prof. Andrew and **Ms. Bharthi** then gave a brief of courses and other detail for the **July – Nov 2017** run **NPTEL Courses**. They also collected the feedback from the SPOCs.

The event ended with the distribution of Certificates to the high performing colleges in **NPTEL**.

Dronacharya Group of Institutions, Greater Noida was felicitated by **Mrs. Malti Narayanan, Dy. Secy, Higher Education, Ministry of HRD, Govt. of India** and **Prof. Dr. Prathap Haridoss, IIT Madras** for securing "A" Category in NPTEL.



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Name of the event: Expert Talk on "E-Mobility"

Date of the event: 8/7/2017

No. of Participant: 1

Summary of the event:

An expert talk on "**E-Mobility**" was organized by **Imperial Society of Innovative Engineers (ISIE India)** at IIT, Delhi on **8th July 2017**. **Mr. Harshit Kumar**, Asst. Prof. Mechanical Engineering Department, dronacharya Group of Institutions, Greater Noida attended the talk.

The objective of the Talk was to provide direction and encouragement for innovative minds and young engineers towards Green Mobility and technological advancement and development in solar systems.

The event was inaugurated with the traditional lighting of lamp and was graced by several dignitaries:

1. **Mr Bharat Bhargav, (Director Gen. ONGC): Chief Guest**
2. **Mr S K Jagwani, (Director MNRE, Govt of India): Special Guest**
3. **Mr. Amit Gupta, Chairperson Meru Group: Guest of Honour**
4. **Mr. Prashant, Kishore MD Meru Group**
5. **Mr. Sumit Aneja, CEO Speedways Electric**

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6. **Dr. Dianu Das, Co-founder Luxury Ride**

Zonal Incharges:

1. **Dr. Ashutosh Dwivedi**
2. **Dr. CV Gopinath**
3. **Dr. Ashwini Sharma**
4. **Dr. Rahul**

During the key-note address **Mr. Bhargav** discussed the challenges regarding implementation of the solar technology in India. As a representative of the Ministry of Renewable Energy **Mr. Jagwani** highlighted the schemes introduced by the Govt. of India to promote use of renewable energy in the country.

Mr. Ashwani Sharma, gave an introduction of E-Mobility. **Mr. Sumit Aneja, & Ms. Simran Kaur**, discussed the advantages and applications of E-Mobility.


Mr. H.K. Agarwal, Project Executive ISTE discussed a case-studies from automotive industries i.e. "**How Tata Motors Developed and tested Electric Vehicles**".

Mr. Jotiprasad Shete, Department of Exhaust System (L&T) discussed the following during his lecture:

1. **Design and Development of Electric Solar vehicle**
1. **Emission control and Hybrid Vehicle**
2. **E-Mobility as a green future**
3. **Low carbon life style.**

The event highlighted the benefits of renewable energy and was very informative for students, professionals, and academicians working in the area of renewable energy.

The event ended with distribution of prizes and Participation Certificates.



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Name of the event: Faculty Development Program on Universal Human Values & Professional Ethics

Date of the event: 4-07-2017 - 11-07-2017

No. of Participant: 4

Summary of the event:

Dr. APJ Abdul Kalam Technical University (AKTU), Lucknow organized a **Faculty Development Program** on "**Universal Human Values Professional Ethics**" from **4th – 11th July 2017** at **NIET, Greater Noida**. **Ms. Monika Sinha**, Department of Management Studies, Dronacharya Group of Institutions, Greater Noida attended the FDP as a participant.

Day 1: 4th July 2017

The FDP was inaugurated by **Dr. Ajay Kumar**, Director, NIET on 04/07/2017.

Dr Ritu Soryan, Convener of the Program welcomed the Resource Person **Prof. Gopal Babu**, participants and the guests.

Prof. Gopal Babu highlighted the difference between studying value education and studying moral science. In moral science we study do's and don'ts about the conduct of life, but in human values we study about our natural acceptance and try to bridge the gap between what I am? And what I want to be?

Dr. Ajay Kumar shared his views on the need of human values in day to day life.

In the next session **Prof. Gopal Babu** discussed the course content and stated that everything in the seminar is a proposal and need to be verified on the basis of natural acceptance.

The last session of the day was a group discussion on "**Natural Acceptance**".

Day 2: 5th July 2017

Prof. Babu discussed the concept of "**Harmony**". He stated that Human body is a coexistence of both body and self. Self is composed of trust, respect etc. and body requires food, shelter, clothes etc. Self requires continuous, qualitative happiness and body requires quantitative physical facilities which lead to temporary happiness.

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Day 3: 6th July 2017

Prof. Babu elaborated the concept of "**Harmony in Family**". He described the 9 feelings for good relationship.

1. Trust(viswas)
2. Respect(samman)
3. Affection(sneh)
4. Care(mamta)
5. Guidance(vatsalya)
6. Reverence(shraddha)
7. Glory(gourav)
8. Gratitude(kritagyata)
9. Love(prem)

Day 4: 7th July 2017

Prof. Babu shared his views on "**Human Target**".

1. Right understanding Right Feeling
2. Prosperity in every family
3. Fearlessness in society
4. Co-existence in nature/existence

The entire day was dedicated to the above concepts of harmony in society and human system.

Day 5: 8th July 2017

Prof. Babu discussed the theory of Ethical Human Conduct. He stated that the right understanding gained through self - exploration enables us to identify the definitiveness of human conduct which may also be called the ethical human conduct. It is same for all human beings.

Day 6: 9th July 2017

Prof. Babu discussed the way of choosing right path in life. He further stressed that "**Right Understanding**" is the key to decision making process.

Day 7: 10th July 2017

Prof. Babu focused on the four orders of the nature:

1. Material Order (Temporary, Recognizing, Fulfilling)
2. Pranic Order (Recognizing, Fulfilling)
3. Animal Order (Knowing, Assuming, Recognizing Fulfilling)

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4. Human Order (Knowing, Assuming, Recognizing Fulfilling)

He conducted a sharing session with the participants on the topic "**Self Exploration**".

Day 8: 11th July 2017

Valediction Ceremony was held on 11th July 2017. The participants gave their suggestions and feedback for the workshop. Certificates were awarded to the participants.



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Name of the event: Summer Training Program on Integrated Automation Technologies

Date of the event: 3-07-2017 – 15-07-2017

No. of Participant: 2

Summary of the event:

Summer Training Program on "**Integrated Automation Technologies (Pneumatics, Electro-Pneumatics and PLC)**" was conducted at **Dronacharya Group of Institutions, Greater Noida** during **3rd to 15th July, 2017**. The Training Program was conducted by **Mr. Gaurav Siwal, Assistant Professor, Mechanical Engineering Department**.

Day 1: 3rd July 2017

The session started with registrations, Participants were then introduced and briefed about the schedule of the training. Basic topics like Components Identification, Symbol Study, Circuit Diagram and Compressors were covered on the first day.

Day 2: 4th July 2017

On the next day, **Mr. Gaurav** explained **Air Service Unit, Manifold, Double Acting and Single Acting Cylinders and their functions**. He also explained Direction Control Valves like 3/2 normally Open Valve, 3/2 Normally Closed Valve, 5/2 Valves and Flow Control Valve.

Day 3: 5th July 2017

On the third day basic pneumatic circuits using **Direction Control Valves** and Flow Control Valves were made. Their circuit diagrams were explained. **Pressure Control Valve and Memory Circuit** were also taught.

Day 4: 6th July 2017

Training continued on the making of circuit diagrams and connections of Pressure Control Valve and Memory Valve. Participants were demonstrated the sequencing i.e. A+ B+ A- B- and condition of signal overlapping.

Day 5: 7th July 2017

On the fifth day the session started with discussion on basics of Electro - Pneumatics, Electrical Control System, Relays and Solenoid Valves. Basic circuits and circuits diagram from Electro – pneumatics were studied.

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Day 6: 8th July 2017

Circuits of 5/2 Solenoid Valves with actuators were made on the sixth day. Electro - Pneumatic circuits for real world examples were discussed. Students made some of these circuits by using solenoid valves and actuators.

Day 7: 10th July 2017

Problems on Direct and Indirect actuation of Cylinders, Latching, Dominant on, Dominant Off were discussed.

Day 8: 11th July 2017

On the eighth day concept of Limit Switch was discussed. Later, participants were given problems based on Pneumatic and Electro Pneumatic for practice.

Day 9: 12th July 2017

Proximity sensors like, Inductive Sensors, Capacitive Sensors and Photo Sensors were discussed. Circuit Diagrams and connections based on proximity sensors were studied.

Day 10: 13th July 2017

On the tenth day the concept of PLC, Architecture of PLC and applications were discussed. Difference between Hardwired Control and PLC control were also studied.

Day 11: 14th July 2017

Installation and connection of PLC to workstation, Port Settings and Ladder Programs based on AND logic and OR logic were discussed. Concept of signal at rising edge and falling edge were also studied.

Day 12: 15th July 2017

On the final day of the workshop concept of timer and counter were explained. Industrial problems based on PLC were discussed. Students took keen interest in all the sessions of the training and developed some very good modules based on real life problems.



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Name of the event: Summer Training on Applications of MATLAB for Engineering Computation

Date of the event: 03-07-2017 - 13-07-2017

No. of Participant: 2

Summary of the event:


Summer Training on “**Applications of MATLAB for Engineering Computation**” was organized at **Dronacharya Group of Institutions, Greater Noida** during **3rd to 15th July, 2017**. **Mr. Ajay Chaubey** and **Mr. V N Mishra**, Assistant Professor, Department of ME, **DGI, Greater Noida** conducted the Training Program. The objective of the training was to train the participants on Applications of MATLAB for Engineering Computation.

The session started on **3th July, 2017** with the Introduction to **MATLAB**. Laboratory experiments on Basics and Applications of MATLAB were conducted to make the participant acquaint with programming.

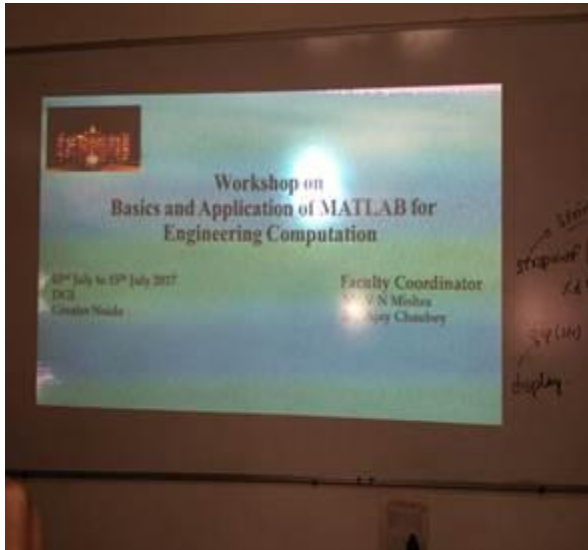
During the training, students learned:

1. **Applications of MATLAB**
2. **MATLAB as Calculator and Programming Basics**
3. **Debugging**
4. **Handling Variables, Data Format, Expressions, Matrices and Execution Control,**
5. **2D plot & 3D Plots**
6. **A Program of Polynomials**
7. **Introduction to Simulink**
8. **Uses of MATLAB**

Participants had a good learning experience during the session.



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Name of the event: IIRS Outreach Programme on "Remote Sensing and Digital Image Analysis"

Date of the event: 21-08-2017 – 15-09-2017

No. of Participant: 2

Summary of the event:

Indian Institute of Remote Sensing, Dehradun conducted an Outreach Programme on "Remote Sensing and Digital Image Analysis" during 21st August – 15th September 2017. The program was organized at **Dronacharya Group of Institutions, Greater Noida** through A-View and was coordinated by **Mr. Vibhooti Narayan Mishra**, Assistant Professor in Civil Engineering Department.

21st August

Dr. A Senthil Kumar, Director IIRS delivered the introductory lecture in which he discussed the facts of Indian Space Programme, Infrastructure, Launch Vehicles, Space Assets current programmes and he also shared information regarding various satellites used for Communication, Remote Sensing, Navigation, Scientific Observations, etc. and their applications in various fields like Transportation (Aviation, Railways, Roadways, and Marine), Disaster Management, Planning, Communication, Survey, Environmental Monitoring.

22nd August

Mrs. Manu Mehta, Scientist - Photogrammetry and Remote Sensing Department, discussed "**Basics of Remote Sensing**". She explained the methodology of collecting scientific data through remote sensing, electromagnetic radiation and wave theory. She explained wave particle duality, visible range, infrared range, microwave range, radiometry, blackbody, Planck's Law of Radiation, spectral emissivity, interaction process, spectral signatures, scattering and effect of atmosphere on remote sensing.

23rd August

Mr. Vinay Kumar, Scientist - PRSD (Photogrammetry and Remote Sensing Department) conducted the session on "**Earth Observation Sensors and Platforms**". During his session, he explained Remote Sensing Process, Sensor and Platforms, Orbits and Satellite orbital characteristics, Spatial and Spectral Resolution, Various earth observation satellite and IRS satellite series

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24th August

Mr. Yogesh Kant, Scientist - SF from Marine & Atmospheric Science Department, discussed "**Thermal Remote Sensing**". During his lecture, he covered fundamentals of thermal infrared spectroscopy, thermal basics, emissivity, Kirchoff's Radiation Law, thermal properties of materials, application of TIR remote sensing, history of thermal infrared remote sensing, various imaging modes, thermal infrared data collection, thermal infrared detectors, satellite data processing, atmospheric transmission, INSAT system, MOSDAC.

28th August

Dr. Hina Pande from Photogrammetry & Remote Sensing Department, conducted the session on "**Spectral Signatures and Image Interpretation**". She discussed electromagnetic spectrum and significance of Image Interpretation, Spectral Signature, significance of spectral signature and spectral reflectance curve in remote sensing. The interpretation of image and associated terms and comparison between Manual vs Digital interpretation were discussed.

31st August

Ms. Minakshi Kumar from Photogrammetry and Remote Sensing Department discussed "**Digital Image Processing- Basic Concepts**". Various atmospheric induced errors and corrections like Haze, Skylight, Sun angle and their effects were discussed. Earth rotation effect, rectification, coordinate transformation, polynomial transformation, nearest neighbor, cubic convolution were also explained.

1st September

Dr. Poonam S. Tiwari, Scientist, discussed "**Digital Image Enhancement**". She explained image enhancement, types of enhancement, radiometric enhancement, contrast enhancement, types of contrast enhancement, non-linear contrast enhancement, histogram equalization, spatial frequencies, spatial filtering, filtering, types of filter, Robert's edge detector, Kirsch edge detector, image transformation, image division, principal component analysis-graphical representation .

5th September

Dr. Poonam S. Tiwari discussed "**Digital Image Classification**". The evaluation of signature, Band Classification and various supervised classification methods (Algorithm Methods), Clustering, Accuracy, KAPPA Coefficient etc., were also discussed.



6th September

Mr. Shashi Kumar, Scientist of IIRS discussed “**Microwave (SAR) Remote Sensing**”. He explained electromagnetic radiation, wavelength and frequency, microwave bands, microwave sensors, active microwave sensors, SAR satellites, radar geometry, synthetic aperture radar, ground swath width, SAR resolution, azimuth resolution, range resolution, slant range/ground range, SAR data, radar polarization, SAR modes, geometric distortions in radar, layover, shadow, surface roughness, smooth and rough “**Rayleigh Criteria**”, radar backscatter and incidence angle, incidence angle and local incidence angle, volume scattering, Complex SAR Image, speckle, SAR data format, applications of SAR.

7 th September

Ms. Minakshi Kumar discussed “**Demonstration: Image Processing**”. She explained Image Processing Software , ILWIS & its functionalities, Dataset and Software, UI of ILWIS and processing of Image using ILWIS (like Visualization, Pixel Value, Maplist, Colour Composites, Contrast Enhancement, Linear stretching, etc) Supervised and Unsupervised Classification, Geometric corrections and image referencing.

11 th September

Mrs. Shefali Agrawal from Photogrammetry and Remote Sensing Department, discussed “**Hyperspectral Remote Sensing**”. She explained basic properties of light like Absorption, Reflection, Scattering, etc., kinds of image, multispectral vs hyperspectral remote sensing, spectral sensing, hyperspectral imaging, absorption spectrum, limitation and working principle of it, different sensors and application areas.

15 th September

The program ended with the online examination held on **15th Sept 2017**. **Keshav Yadav(CE V)**, **Md Ali (CE V)** and **Shubham Singh (CSE V)** successfully cleared the exam in First Division.



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Interferometric SAR (InSAR)

Two SAR images are required
Both the images should be collected with same SAR geometry

Platforms

- Ground based
- Airborne
- Spaceborne



Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

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Name of the event: AICTE-FDP-101x Foundation Program in ICT for Education

Date of the event: 19-08-2017 - 20-08-2017

No. of Participant: 30

Summary of the event:

The Face to Face interaction of **AICTE approved FDP : Foundation Program in ICT for Education** organized under **Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD** was held at **Dronacharya Group of Institutions, Greater Noida (RC: 1316)** on **19 & 20 August, 2017**. As this FDP was not subject specific, teaching faculty from several domains, including faculty from Science, Technology and Management had registered for it. The FDP is originally scheduled from **August 3rd to September 7th, 2017**.

24 participants registered for the course and joined the Face to Face interaction at **Dronacharya Group of Institutions, Greater Noida**.

Day-1: 19th August, 2017

The first day of Face to Face interaction started at 9:30 AM with an introduction by **Prof. Deepak B Phatak**, of Department of CSE IIT Bombay. **Prof. Phatak** explained the objective and vision of T10KT (Train 10 Thousand Teachers) project. During his inspirational speech **Prof. Phatak** said that by June 2012, 20,000 teachers from across 1,200 engineering colleges in the country have been trained under T10KT. Encouraged by the excellent feedback from participating teachers, the National Mission has entrusted him with the responsibility of training 1,50,000 teachers in the next 3 years. During the session Prof. Phatak shared his views to set up ICT education throughout the country in order to enhance a flexible distance education system in which faculties from all the domains can contribute to the overall growth of education system in India. He also stated that teachers have now become facilitators as the education is changing from teacher centric to leaner centric.

Prof. P. Sunthar, Chemical Engineering Department, **IIT Bomby**, started the second session on role of user story in designing content for effective information dissemination. He also discussed about the design of website in wordpress and its application in distance learning.

During the session **Prof. P. Sunthar** assigned tasks to the participants on user story by making peers among the participants in each RCs .

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Post Lunch, a session on A-View software and its usage was conducted by **Mr. Jayakrishnan M, IDP ET, IIT Bombay**. In this session **Mr. Jayakrishnan** discussed about the use of A-View and its technical specifications. He explained:

1. **How to install -A-View locally**
2. **Whether it is possible to attend Face to Face at a place other than RCs,**
3. **How to teach students through flipped classroom using A-View etc.**

The last session of the day was lab session in which participants had to solve online assignments. Some of the assignments were from User Story, Wordpress Technology, Changes in Teaching Methodology etc.

Day 2: 20th August, 2017

The second day started with a discussion on how to make best use of FDP. The session was conducted by **Mr. Jayakrishnan M**, ; in which he introduced the learning management system **MOODLE(Modular Object-Oriented Dynamic Learning Environment)** and its use in blended learning, distance education, flipped classroom and other e-learning projects in schools, universities, workplaces and other sectors. He discussed about the features of Discussion Forum for effective communication. In this session **Mr. Jayakrishnan** introduced Mentor - Mentee model for making the FDP more accessible by the participants. Among the 185 Associate Faculty Members (who had joined the FDP) mentees were assigned to them. This model helped the participants to directly communicate with the mentors for any queries related to learning, assignment solving etc during the FDP. **Mr. Jayakrishnan** also discussed about the wordpress app to be launched for easy access of web presence of the faculty in distance learning.

The second session was on Visual Presentation Skills by **Prof. Sameer Sahasrabudhe** Senior Project Research Scientist, IIT Bombay. In this session he discussed how to effectively use different tools for presentation in classes. He introduced Think-Pair-Share Model. He explained how to innovate effective technique in teaching so that peers can learn well and share with their colleagues. He also mentioned important features of presentation like color schemes, color guidelines, typography, common observations, visual effect, impress guidelines, take away message etc.

The session continued with peer-assessment activity in which **Prof. Sameer Sahasrabudhe** discussed **Rubric Based Peer Evaluation**. **Prof. Sahasrabudhe** said that Rubric is 'a **scoring guide used to evaluate the quality of students**'. Rubrics usually contain evaluative criteria, quality definitions for those criteria at particular levels of achievement, and a scoring strategy. They are often presented in table format and can be used by teachers when marking, and by students when planning their work.

The session ended with assignment and activities on the topics discussed in the session.

Post Lunch a Q&A Session was organized by **Mr. Jayakrishnan** in which he took queries from the Remote Centers. RC 1316 also raised various queries regarding the online activities, assignments etc.

The last session was Lab session in which online assignments were given to the participants to be solved within a given time period.

The two-day Face to Face interaction was very effective. Participants learned a lot about teaching-learning methodology.




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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: AICTE approved FDP – “Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)”

Date of the event: 16-09-2017 - 17-09-2017

No. of Participant: 16

Summary of the event:

The Face to Face interaction of **AICTE approved FDP – “Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)”** organized under **Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT)**, MHRD was held at **Dronacharya Group of Institutions, Greater Noida (RC 1316) on 16 & 17 September, 2017**. 16 participants from DGI who successfully completed FDP101x were eligible for FDP201x. The FDP was conducted by IIT Bombay through ICT.

Day-1-16 September, 2017:

The Face to Face interaction started at 9:30 AM with an introduction to FDP201x by **Prof. Sridhar Iyer**, of Department of CSE, IIT Bombay. Prof. Iyer congratulated the participants at all the remote centres for successfully completing FDP101x and joining FDP201x. He discussed various aspects of FDP201x in the field of online teaching methodology and blended learning process. He encouraged the faculty community to initiate blended teaching-learning culture in their organization.

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Mr. Jayakrishnan M, IDP in ET, IIT Bombay, highlighted the important aspect of the second FDP in which around 4900 participants joined with more than 50% marks in FDP101x. He informed that in FDP201x, participants will learn how to create effective teaching-learning lessons by using MOODLE, Flipped Class Rooms, Screeno Cast etc. which they learned in FDP101x.

Prof. Deepak B Phatak, of Department of CSE at IITB, encouraged the participants for effectively involving themselves in the FDP.

Dr. Sameer Sahasrabudhe, Senior Project, Research Scientist, IIT Bombay, conducted a session on Pedagogy of Peer review in which he first explained different navigations of IITBx website which was necessary for the participants who faced many challenges during FDP101x. He then discussed the effectiveness of peer review in class room teaching with some tools like Moodle, Google form etc.

In post lunch session a discussion on Moving from the 20th to 21st Century Teaching-Learning were discussed by **Prof. Sahana Murthy**. Prof. Murthy said that in the 21st century teachers have to build a teaching-learning environment both inside the class rooms and online.

Day 2-17 September, 2017

The second day started with a discussion on Integrating videos and simulations in Teaching-Learning. The session was conducted by **Prof. Sridhar Iyer** in which he discussed about the ways of delivering lectures in classes. He demonstrated Think-Pair-Share activities, and then explained how to carefully design activity so that majority of the students get involved. He concluded the session with two very important takeaway messages:

1. Make Students Grapple With Content During Class,
2. Provide active learning and ensure immediate and appropriate feedback.

The second session on **Visual Presentation Skills** was conducted by **Prof. Sameer Sahasrabudhe**. He discussed how to effectively use different tools for presentation in classes. He explained how to innovate effective technique in teaching so that peers can remember well. He also mentioned important features to be taken care of during presentation, like color schemes, color guidelines, typography, common observations, visual effect, impress guidelines, take away message etc.

Mr Jayakrishnan conducted a session on **Utilising Moodle for Higher Order Learning Outcome**. He highlighted the advanced features of MOODLE. **Mr. Jayakrishnan** concluded his lectures by specifying the learning purposes inside and outside classrooms such as Information Transfer, Assess Learning, Communication and Interaction and Co-Create content.

The two-day Face to Face interaction on FDP201x was very effective and useful for the participants.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: "Scilab- Lecture Demonstration"

Date of the event: 12-12-2017

No. of Participant: 17

Summary of the event:

IIT Bombay, FOSSEE, Team organized a **FREE, Online Lecture Demonstration – Scilab** on **12th Oct, 2017**. The demonstration was organized at **Dronacharya Group of Institutions, Greater Noida** through ICT. **Seventeen Faculty Members** from various institutes attended the session.

Introducing Scilab, **Prof. Kannan Moudgalya, PI, Scilab Efforts, FOSSEE Project** said that Scilab is a free and open source alternative to Matlab. Scilab is an easy to use and a powerful computing environment which has been endorsed by AICTE. During this demonstration, FOSSEE team explained how it is made available free of cost, Scilab code for 65,000 solved problems from more than 550 standard textbooks of science and engineering have been coded and is made available through Scilab **Textbook Companion (TBC)**.

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During the Face to Face Interaction **Prof. Moudgalya** highlighted the following topics:

1. Locate the Scilab code already available for the textbook that you use in your curriculum
2. Execute it on the cloud, with or without modifications
3. Find out through examples how to make Scilab function calls
4. How to set new problems for your assignments, quiz, labs, exams and so on
5. How to do all of the above from your laptop or a smart phone
6. How to migrate your labs to Scilab effortlessly
7. Use some of the outstanding Scilab Toolboxes developed by the FOSSEE Team

Prof. Moudgalya motivated the participants to use Scilab and also informed that those who write Scilab code will be paid an honorarium of Rs. 12000 per TBC.

The session ended with the information from **Prof. Maudgalya** that interaction will be held on Tuesdays for those who would be facing any challenges in using Scilab.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: AICTE Approved FDP on Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)

Date of the event: 7-10-2017 - 8-10-2017

No. of Participant: 16

Summary of the event:

The Face to Face interaction of IITB: AICTE Approved FDP on Pedagogy for Online and Blended Teaching-Learning Process (FDP201X) organized under Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD was held at Dronacharya Group of Institutions, Greater Noida (RC 1316) on 7th & 8th October, 2017. 16 participants who successfully completed FDP101x were declared eligible for FDP201x.

Day - 1-7 October, 2017:

The first day of Face to Face interaction started at 9:30 AM with a discussion on **Open educational resources (OER)** Mr. Jayakrishnan M, IDP in ET, IIT Bombay. Mr. Jayakrishnan focused on the definition of OER and conveyed all RCs to be specific while creating OER. He interacted with some of the remote centres who had queries regarding OER creations.

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Prof. Kannan Moudgalya, IITB, conducted a session on Scilab and gave brief of the Scilab Awareness Session scheduled for **12/10/2017**.

During post lunch session **Mr. Jayakrishnan** discussed the importance of 'Wiki' as MOOCs. He described the features of 'Wiki' with examples and its usage. He also discussed how 'Wiki' helps to manage large scale group projects. **Mr. Jayakrishnan** took queries from RCC's on '**How to use MOOCs in teaching-learning process**'. A number of innovative processes were suggested by some of the remote centers which are:

1. **Use of Procter Exam through MOOCs**
2. **Use of Online Courses for Revision before Semester Examination**

Some of the elective courses may be replaced by MOOC courses and graded accordingly in the curriculum etc. **Mr. Jayakrishnan** appreciated the suggestions and took responses (through chat) from rest of the remote centers on how much they are likely to use these techniques.

Mr. Jayakrishnan ended the session with the hope that all the communities developed during the FDP should collaborate among themselves for the accomplishment of its goal.

Day 2-8 October, 2017

The second day started with a discussion on **Building and Sustaining Collaborative Community** by **Prof. Sridhar Iyer** in which he focused on some specific aspects such as : **What we want to do after FDP?, What is it required to do this?, How to do this after FDP? and what to do if one wants to go even further?**

Prof. Iyer explained each question with specific answer to build and sustain collaborative community. He suggested to take supports from Cohorts and RCs for discussion, to use Web Pages, Padlets etc that they have developed for sharing their views, to involve in research for further enhancement of teaching-learning paradigm. **Prof. Sridhar** encouraged the participants to explore diversified field for research.

Prof. Sahana Murthy conducted the session on Peer Assessment and Active Learning in which she first took poll from the remote centers on the serious concerns regarding Peer Assessment in this FDP. She then discussed about various aspects of Good Peer Assessments such as its Reliability, Clarity, Explanation of detail criteria, Feedback etc. The session ended with interaction with remote centers.


The post lunch session was on collaboration among RCs by **Prof. Sahana Murthy** in which she instructed the RC coordinators to share one take away message from the FDP i.e. what they will do in their next week class, based on the FDP.

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The last session was on group activity on OER creation in which **Mr. Jaykrishnan** suggested guidelines to prepare OER by the team and the grading process for the OER.

The two-day Face to Face interaction on FDP201x was very effective and useful for the participants.




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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: Workshop on Universal Human Values and Professional Ethics

Date of the event: 30-11-2017 - 7-12-2017

No. of Participant: 2

Summary of the event:

An Eight Day Advanced Workshop on **Universal Human Values and Professional Ethics** was organized under **TEQIP-III** by **Values Education Cell, Dr. A.P.J. Abdul Kalam Technical University** Lucknow at **Ajay Kumar Garg Engineering College**, Ghaziabad during 30 November to 7 December 2017. **Ms. Ragini Tiwari** from Dronacharya Group of Institutions, Greater Noida along with 32 participants from various other colleges attended the Workshop.

The objective of the workshop was to identify the problems and challenges being faced by the people at individual, family, society and environmental levels and the ways to handle them. The workshop was conducted by **Mr. Bhanu Pratap Singh, Coordinator, Value Education Cell, AKTU, Lucknow.**

Day 1: 30th November 2017

The FDP was inaugurated by **Dr. R.K. Agarwal, Director AKGEC**, Ghaziabad on 30/11/2017.

Mr. Shashank Sahu, Coordinator, shared his views on the importance of Human Values briefly and explained it with reference to:

- **Natural Acceptance**
- **Peace of Mind**

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During the workshop, issues related to happiness, welfare, aspirations, goals and success in life were explained. The need of self-exploration, **self-investigation** and **how to practice** them in daily life were also explained.

The last session of the day was a group discussion on “**Sources of Happiness**”.

Day 2: 1st December 2017

Mr. Bhanu Pratap Singh discussed the concept of “**Develop Right Understanding**”. He said that the awareness of thought reading in continuation is necessary to maintain good relationship in the life. He stressed that the role of education is to facilitate the development of the competence and to live with proper human conduct.

Later, a Group Discussion was held on **Desire of Self** (to be in Harmony).

Day 3: 2nd December 2017

Mr. Singh focused on the concept of Justice. He described the feeling of justice with five factors:

- **Self (Continuous Happiness)**
- **Individual Human Being (Co-existence of Self & Body)**
- **Family (Feeling of Co-existence)**
- **Nature (Mutual Fulfillment)**
- **Existence (Co-existence)**

Mr. Singh emphasized on the word **Gyan (Knowledge)** and explained it as “**To see the reality as it is and its completeness**”.

Day 4: 3rd December 2017

The session was dedicated to **Form, Property, Natural Characteristics, Innateness and Co-existence**. Mr. Singh explained them in detail.

Day5: 4th December 2017

Mr. Singh discussed **Units** and **Space**. He said that Human Beings, Animals, lumps of Matter as well as various Atoms and Molecules, are all units as we can recognize them as they are countable. Whereas, space is not a unit but it exists, as a reality. It is the empty area all around the nature is space.



Day 6: 5th December 2017

Mr. Singh discussed the **Theory of Desire, Thought, and Expectation (DTE)**. He stated that the right understanding gained through self-exploration enables us to identify the definitiveness of human conduct which may also be called the **Ethical Human Conduct**. It is same for all human beings.

Day 7: 6th December 2017

Mr. Singh focused on the five orders of the Unit at self-level:

- **Shape(Unit)**
- **Thought (Awareness)**
- **Behavior (Natural Acceptance)**
- **Work (Harmony in continuation)**
- **Realization(Submerged and Self Organized in Co-existence)**

He later discussed on **Mulya (Contribution)** and explained five mulyas in our life:

- **Jeevan Mulya**
- **Manav Mulya**
- **Sthapit Mulya**
- **Shist Mulya**
- **Vastu Mulya**

Day 8: 7th December 2017

Valediction Ceremony was held on **7th December 2017**. Participants gave their suggestions and feedback for the workshop. Certificates were awarded to the participants by **Prof. (Dr.) P K Chopra, HOD ECE / EI, T&P, Dean Spl Projects**.

During the closing ceremony, **Mr. Bhanu Pratap Singh** said that through the workshop, the effort was to bring into practice a strong teaching methodology of self-exploration that provides the essential guidelines for a human society for which a sustained effort and preparation is required.

The Workshop was beneficial for the participants who returned with the determination to apply the learning from the workshop in their lives and share it with their Students and Colleagues. Through Universal Human Values student can develop a holistic vision towards life and profession; and can enhance self-confidence. People can perform well academically, do well at their workplaces and at the same time participate for order in society.



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Name of the event: Induction Training Programme

Date of the event: 28-11-2017 - 20-12-2017

No. of Participant: 1

Summary of the event: **Spoken Tutorial Team of IIT Bombay** conducted an **Induction Training Programme** under the aegis of **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)**, an initiative of **MHRD, Govt. of India**, during **28th November 2017 - 20th December 2017**

About 120 teachers from various Universities/Colleges registered for the program. **Mr. Harshit Bhardwaj**, Assistant Professor in Computer Science & Engineering Department, **Dronacharya Group of Institution, Greater Noida**, attended the Induction Training Programme.

Day 1: 28 November 2017

The Induction Program was inaugurated by **Prof. Devang V. Khakhar** (Director, IIT Bombay), **Prof. Deepak B. Phatak** (Department of Computer Science, IIT Bombay) **Prof. Kannan Moudgalaya** (Department of Chemical Engineering, IIT Bombay), and **Prof. Sridhar Iyer** (Department of CSE & IDP in Educational Technology, IIT Bombay).

After the inauguration, **Prof. Kannan Moudgalaya** discussed the objectives of the course and its contents. The participants introduced themselves and shared their expectation from the course.

During the second session, **Dr. Rangan Banerjee** (Head of the Department of Energy Science and Engineering at **IIT Bombay**), gave a brief introduction on **Status of Higher Education in India**. He spoke about the responsibilities of **University Grant Commission (UGC)**, **All India Council for Technical Education (AICTE)**, **National Assessment and Accreditation Council (NAAC)** and **National Board of Accreditation (NBA)**.

Prof. Deepak B Phatak, discussed **Fundamental Responsibilities of a Teacher**. He emphasized on Time, Concern, Encouragement & Empowerment, Adaptability and Ethics for a Teacher.

Later **Prof. Kannan** conducted a session on **Introduction to the LaTeX and Scilab**.

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Day 2: 29 November 2017

The session of the day was conducted by **Prof. Kannan** on **Latex. Spoken Tutorial** videos of LaTeX was played for the participants to make them understand **“How to write a letter using LaTeX”**.

Practical implementation of **Documentation using LaTeX** was demonstrated. It continued with a session on **How to use Mathematical Expression using Latex** and **How to insert Equations & Table of Contents in a Text File using Latex**.

Day 3: 30 November 2017

Prof. Kannan conducted a session on **How to Build Curriculum Design and Content Development of Spoken Tutorial courses**. He continued the session with an explanation of **Spoken Tutorial Translation and Dubbing Methodology** and described in detail the English Timed-Script Method, Google Input Tools for UNICODE Fonts and Review by Language expert.

Ms. Nancy Varkey (Member of Spoken Tutorial Creation Team), discussed, **“How to use the most of ICT in your classroom”**. She also gives a brief introduction about the “Spoken Tutorial” and spoke about its benefits.

Day 4: 1 December 2017

Prof. Kannan conducted a session on **"Pedagogic Techniques & Teaching and Learning Methods"**. The objective of this session was to make the participants understand Conventional, Non-conventional and Innovative methods of teaching.

Spoken Tutorial videos of **Libre Office** was played for the participants.

Participants practiced **"Libre Office"**. It was followed with playing of Spoken Tutorials videos of **"SciLab"**. Participants later did Hands on Practice of Scilab".

Day 5: 2 December 2017

Dr. Indira Koneru (Administer Moodle for IBS India) conducted a session on **“Effective Use of Technology for Teaching, Learning and Evaluation”**. She gave a brief introduction about Digital Classroom, Teachers’ Preparation, ICT based teaching methods, ICT based assessment methods and role of ICT tools in teaching and learning.

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She later talked about "**Moodle**" (Modular Object-Oriented Dynamic Learning Environment), an Open Source Learning Management System (LMS) Participants later did hands on practise of "Moodle".

Day 6: 4 December 2017

Prof. Ravindra Gudi (Department of Chemical Engineering, IIT Bombay) conducted a session on "**Continuing Education**"

Prof. Ravindra Gudi conducted session on "**Qualified Institutional Placement**" (**QIP**) and the ways in which QIP can be implemented. He insisted on promoting strong industry-institute interaction.

Dr. D. K. Ghosh conducted session on "**University Structure and Functioning**". He described National Academic Governance, Accreditation and University Acts.

Day 7: 5 December 2017

Prof. Uday N. Gaitonde (Department of Mechanical Engineering, IIT Bombay) conducted a session on "**Curriculum Design and Content Development**". The objective of this session was to make the participant understand how to design Curriculum, Content Development, Digital Resources and Online Resources.

Prof. K. Mangala Sunder (Department of Chemistry, Indian Institute of Technology Madras) conducted session on "**Online Resources**" in which he discussed Remote Learning and Innovation Strategies, Challenges in Effective Learning and Strategies, and Challenges in Effective E-Learning.

Prof. Padma Satish (Industrial Research and Consultancy Centre - IRCC, IIT Bombay) conducted a session on "**Intellectual Property and Ecosystem in Academia**".

She later conducted another session on "**Intellectual Property and Ecosystem in Academia**". She briefly discussed Intellectual Property Rights-IPR, Patents, and Patent Protection Process.

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Day 8: 6 December 2017

Dr. Jayshree Shinde (Department of Educational Technology, SNDT Women's University, Mumbai), conducted a session on "**Planning for Pedagogy Shift**" and on "**Taxonomy of Objectives of Pedagogy Shift**", Dr. Shinde explained Cognitive Process Dimensions such as Creating, Evaluating, Analysing, Applying, Understanding and Remembering.

It was followed by a session on "**Curriculum Committees and Processes**" by **Dr. Supratim Biswas** (Department of Computer Science and Engineering, IIT Bombay).

The fourth session of the day was conducted by **Ms. Madhulika Goyal** (Member of Spoken Tutorial Team) on "**Instructional Material**" in which she spoke about the resources/tools that help a teacher to ease, motivate, enhance and promote teaching and learning activities.

Day 9: December 2017

Dr. Ritayan Mitra (Assistant Prof., Education Technology, IIT Bombay) conducted session on "**Metacognition**", i.e., one's knowledge concerning one's own cognitive processes and **Dr. Padma Satish** conducted a session on "**R & D: Opportunities and Implementation**". She discussed the types of R & D such as Academic Research, Sponsored Research, Industry-relevant Research, Collaborative Research and Development, Consultancy Projects and Policy Research.

Dr. Sachin Patwardhan (Department of Chemical Engineering, IIT Bombay) later conducted a session on "**Introduction to Research**". He discussed "Creative Thinking Skills and Research" and said that the process of carrying out research requires a combination of Higher Order Thinking Skills (HOTS) i.e. critical (analysis, evaluation) and creative thinking.

Day 10: 8 December 2017

Prof. Varsha Apte (Head-Computer Centre, IIT Bombay) conducted a session on "**Misuse of IT**". She differentiated between good & bad use of technological invention by humans.

The next session of the day was conducted by **Prof. Soumyo Mukukherji** (Dean of Student Affairs, IIT Bombay) on "**Antiragging**". He pointed out the ill-effects of ragging on the victim and his mental stress.

Ms. Amita Tagare (Incharge, Student Wellness Centre, IIT Bombay) later conducted a session on "**Personal-Emotional Development and Counselling Strategies**". She explained how a teacher can develop himself from a 'Role Model' to a 'Target Achiever'. She also emphasized upon the changed perception of Teachers, and how they should maintain a balance in their professional and personal life.



During his session on Vigilance in Academia, **Prof. A. Q. Contractor** (Retired Prof., IIT Bombay) spoke about Corruption Perception Index, Role and function of CVO, Common Irregularities in Stores/Purchase/Contracts and potential areas of concern in academic institutions in detail.

Day11: 9 December 2017

Prof. Kannan Moudgalya conducted a session on Spoken Tutorials for Skill Training. He said that through its Self-Learning workshops on C, C++, Java, Python, Perl, Ruby, Scilab etc. learners can create a brighter chance of employment for themselves.

Prof. Sahana Murthy (Department of Educational Technology, IIT Bombay) explained what is assessment, the purpose of assessment, aligning assessment with learning objectives, hierarchy of cognitive levels, Think Pair Activity and Action Verbs for learning objectives.

Dr. Narendra Shah (Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay) later conducted a session on "**Case-studies in Agro and Rural Industry**". He discussed the design and development of Seed Storage Units for Community based Seed Banks for marginal farmers.

Mrs. Pooja Prasad (Team member of CTARA, IIT Bombay) conducted session on Planning and Development. In her session, Mrs. Pooja spoke about the case study on Sinnar Taluka, a district in Nashik which is in the rain shadow region of the Western Ghats, largely dry and drought prone with drinking water scarcity and highest groundwater.

Day 12: 11 December 2017

Dr. Milind Sohoni (Department of CSE, IIT Bombay) conducted a session on "**Challenges and Oppurtunities in Engineering Profession**". He discussed the government viewpoint and the **Unnat Maharashtra Abhiyan**.

Mr. Mahesh Vekateshwaran (Member of Knack Game Team) conducted session on "**Knack Game**". Mr. Vishwakarma said that Knack Games engages players in a psychological state of 'flow' (optimal psychological experience) and create an incredibly immersive and engaging digital experience.

Dr. Shishir K. Jha (Faculty, Shailesh J. Mehta School of Management IIT Bombay) conducted a session on "**Significance of Creative Commons in a Digital World**". He discussed digital disruptions, why protect authors' work, creative commons vs copyright, features of CC and concerns of using CC.



Dr. Bhaskaran Raman (Department of CSE, IIT Bombay) conducted session on "**SAFE App**". He said that SAFE stands for Smart, Authenticated, Fast, Exams. The features of SAFE are Easy setup (Setting question paper, conducting exam, grading exam), Cheating-free operation (Tough on a network-enabled smart devices), Robustness (Against Wi-Fi failure, client crashes, no battery).

Day13: 12 December 2017

Prof. Pooja Purang (Department of Humanities and Social Science, IIT Bombay) conducted a session on "**Behaviour in the Classroom**". The motive of her talk was to examine factors that influence students' performance, understand aspects related to diversity, and stress management.

Ms. Sohinee Ganguly (Research Scientist, IIT Bombay) conducted session on **Designing Questionnaire** which was followed by the third session of the day on "**Accreditation**" by **Dr. Pradeep Verma** (Consultant NVLI & NMEICT, IIT Bombay). Dr. Verma talked about NBA, Outcome Based Accreditation, Input-Output Based Accreditation, Washington Accord, Graduate Attributes and NIRF.

Day 14: 13 December 2017

Dr. Kannan M. Moudgalya started the day with a session on "**Efficacy of a Flipped Method in an undergraduate class at IIT Bombay**". He highlighted Flipped Method and its benefits, shortcomings and the marking scheme.

Dr. Chandan Das Gupta (Assistant Prof., Department of Educational Technology, IIT Bombay) conducted a session on "**Technological Pedagogical Content Knowledge**". His session was followed by another session conducted by **Dr. Sridhar Iyer** on "**Think-Pair-Share: An active learning strategy**".

Day 15: 14 December 2017

Dr. Kameswari Chebrolu (Department of CSE, IIT Bombay) started the day with a session on "**Bodhi Tree**" which work towards a combination of online technical content, mixed with active learning: thinking and problem solving while learning for effective understanding.

Dr. Kalpana Kannan (Department of CSE, IIT Bombay) conducted another session on "**Creating and Implementing MOOCs**". It was followed by **Prof. Deepak B Phatak's** session on "**Formal Education in India**". He spoke about Indian education system, its content, delivery, assessment, and award of degrees and certificates.



He later proceeded with another session on "**T10KT Project**". And dwelt upon Diversity, Skills, Knowledge, Livelihood, Educational Technology, Background of T10KT and its funding from TIFAC, NMEICT Project.

Day 16: 15 December 2017

Dr. D. Parthasarathy (Department of Humanities and Social Sciences) conducted a session on "**Digital Media and Inclusiveness**". In the session, Dr.Parthasarathy spoke about some commons strategies for inclusion across digital and non-digital media and platforms.

Dr. Bhaskaran Raman on conducted the session on "**Plagiarism**". Where he explained plagiarism, its detection and discussed the difference between quoting and copying.

The last session of the day was conducted by **Mr. Sajjan Dixit** (T10KT Project- IIT Bombay) on "**Webcasting**".

Day 17: 16 December 2017

The entire day was scheduled for hands on practice on Spoken Tutorial tools, i.e., Arduino, RDBMS, PostgreSQL, Python, and PHP.

Day 18: 18 December 2017

Ms. Rani Parvathy V (Assistant Prof., Federal Institute of Science and Technology) conducted session on **Concept Mapping with Freeplane** and covered Concept Map, Associated Learning, Content in a Concept, Identifying Wrong Concepts, and Language Parachute.

Dr. Madhu Belur (Department of Electrical Engineering, IIT Bombay) conducted another session on **Version Control System : GIT**. She explained Version Control, Dropbox/Git/Google-Drive (GDrive) and their advantages & disadvantages.

Ms. Sohinee Ganguly conducted session on "**R Programming**". The session was followed with the Hands on Practise on R by the participants.

The last session of the day was conducted by Spoken Tutorial Team headed by **Ms. Shyama Iyer**. She gave a brief introduction on Spoken Tutorial and then explained how to conduct Spoken Tutorial in one's colleges/university.

Day 19: 19 December 2017

The first session of the day was conducted by **Prof. Ashish Pandey** on "**Academic Leadership**". He discussed Thought Leadership and how such leaders raise questions in around new developments.



During the next session on Training and Placement, **Prof. Ravi Sinha** (Training and Placement Officer, IIT Bombay) discussed the objectives of Higher Education. He said that the teachers are expected to train the students to contribute for the development of society.

Prof. Sunoj Raghavan (Department of Chemistry, IIT Bombay) conducted a session on "**How to Deliver a Lecture**". He suggested that the class should be made interactive.

Day 20: 20 December 2017

Delivering a lecture, **Mr. Martin**, Founder of Moodle, spoke about its future.

Prof. Ashish Pandey conducted another session on "**Strategic Planning**". He discussed its impact on Dynamic and Business Environment and its advent in new technologies.

Prof. Pandey later discussed **Lewin's Three-Step Change Model**, i.e., Unfreezing, Move and Refreezing.

During the Valedictory Session in the evening, participants gave their feedback for the course. The induction programme ended by the distribution of Participation Letters.



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Link of the Event:

https://gnindia.dronacharya.info/events/TrainingProgramme_2017.aspx?Month=Nov&Year=2017

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Name of the event: T&P Officers Workshop Cum Meeting

Date of the event: 28 -12- 2017

No. of Participant: 1

Summary of the event: **Prof. Vinay Pathak - Hon'ble VC, Dr. AKTU Lucknow** and **Dr. Vineet Kansal - Dean - UG & Entrepreneurship, Dr. AKTU Lucknow** called for a meeting of the Training and Placement Officers in Greater Noida and Ghaziabad region on Dec 28, 2017 in Galgotias College of Engineering and Technology, Greater Noida. The agenda of this meet was to discuss the sloping employability of engineering students and brain storm the suggestions.


Ms. Prachi Agarwal attended the Meeting on behalf of **Dronacharya Group of Institutions, Greater Noida.**

Dr. Vineet Kansal delivered the Welcome Address. He thanked Training and Placement Officers for their efforts and appreciated the fact that they are available in the wee and late hours for the students' queries.

Prof. Pathak discussed the University's initiatives:

- Talks with the corporates as the average package which they are offering is going down
- Engineers are not getting the preferred jobs
- Amendments in University curriculum to cater to the needs to the corporates
- Increasing job quality
- Modification in the course curriculum of Professional Communication
- Introduction to MOOCS
- Open Elective Subjects
- AKTU Alumni Network to be made strong
- More Rozgaar Mela's

The session ended with casual networking of TPOs and High Tea.



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Link of the Event:

<https://gnindia.dronacharya.info/events/WorksHopCumMeeting.aspx?Month=Dec&Year=2017>

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Name of the event: "Shodharth 2017"

Date of the event: 12-09-2017

No. of Participant: 6

Summary of the event: "**Shodharth 2017**"- was organized by **NIT, Delhi** on **9th December 2017** to commemorate **Research Scholar's Day**. The event was aimed to provide a forum for demonstrating the latest research findings and exchanging the ideas of research, development and knowledge among the different research groups and faculties of all departments. Event comprised of oral and poster presentation.

Mr. Manik Mittal, Assistant Professor, Department of Mechanical Engineering, **Dronacharya Group of Institutions, Greater Noida** participated and presented his research paper during the event.

The event began with the floral welcome of chief guests **Prof. Chandra Shakher** (Emeritus Professor, IIT Delhi) and **Dr. Sanjay Yadav** (Senior Principal Scientist, National Physical Laboratory, New Delhi).

Welcome address was conveyed by **Dr. Tirupathiraju Kanumuri** Dean R&C (NIT Delhi) in which he briefed about the objective of Research Scholar's Day. He also introduced the veterans of various research fields : **Prof. Chandra Shakher** (Emeritus Professor, IIT Delhi), **Dr. Sanjay Yadav** (NPL, New Delhi), **Dr. Vipul Rastogi** (Associate Professor, IIT Roorkee) and **Prof. Ajay K. Sharma** (Director, NIT Delhi) who graced the event with their presence.

Dr. Sanjay Yadav, Senior Principal Scientist in the department of pressure, vacuum & ultrasonic metrology section, NPL, New Delhi explained about latest development in technology and instruments like Interferometer, Dead weight tester for 1 PPM, High pressure transducer, Dynamic pressure, Sphygmomanometer, High pressure electrical feed through cross floating valve. He also pointed out that researchers in NPL are having lot of challenges and would like colleges to come up collaborate and resolve the problems they are facing in above said instruments. One of the challenge NPL facing is how to overcome low pressure in optical interferometer manometer he added.

Prof. Chandra Shakher gave the motivational talk about the researches presently going on and also talked about patent learning. He encouraged every researcher to rise beyond the standards and empower the nation through their respective findings.


During the paper presentation researchers and faculty members of different institutes presented their papers. M.Tech scholars participated in the poster presentation.

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Mr. Manik presented his paper titled “**Free Vibrations of an Elliptic Cylinder at Low Reynolds Number**”. In his research work Mr. Manik explored Single-degree-of-freedom undamped vortex-induced vibrations of a thin and rigid elliptic cylinder using a stabilized space-time finite-element formulation in two-dimensions. The cylinder of aspect ratio 0.5 (major axis parallel to flow) is free to translate along the transverse direction alone. The mass ratio of the cylinder is 10.

The event ended with the distribution of Certificates. Mr. Manik Mittal’s paper was awarded **1st Prize for Best Oral Presentation**.




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Link of the Event:

<https://gnindia.dronacharya.info/events/Shodharth2017.aspx?Month=Dec&Year=2017>

Name of the event: NPTEL Awareness Workshop

Date of the event: 20-01-2018

No. of Participant: 5

Summary of the event: An **NPTEL Awareness Workshop** was conducted by **IIT Madras** at **Dronacharya College Of Engineering, Gurugram** on **20th January 2018**. Several faculties from various colleges in the State of **Haryana, Rajasthan, Punjab, Delhi and Uttar Pradesh** attended the workshop. **Nine faculties** from **Dronacharya Group of Institutions, Greater Noida** also attended the workshop to gain the insight of the MOOCs being developed by **IITs and IISc**.

Dr. Sri Krishna Yadav, Dean Acedemics, DCE, Gurugram welcomed **Prof. Prathap Horidoss** and **Ms. Bharathi Balaji, NPTEL Coordinator from IIT Madras**. **Prof. (Dr.) B M K Prasad, Principal, DCE, Gurugram** addressed the audience and advised them to be attentive during the workshop so that they have fruitful take - away at the end of the day.

Session 1

The session was conducted by **Prof. Prathap Horidoss**. He discussed the inception of NPTEL, its features and achievements so far. **Prof. Horidoss** also discussed the portal layout, videos, PDFs and the Discussion Forum available on NPTEL. He discussed the benefits which one can gain through NPTEL courses and showed testimonials by scientists and engineers from organization like **DRDO, BHEL** and other giant companies.

Session 2

Prof. Horidass continued the second session in which he discussed the Certification part of NPTEL. He described the score structure, certificate categories and examination pattern. He also discussed the value and recognition of the certificate from NPTEL.

Session 3

The session was conducted by **Ms. Bharathi Balaji**. She layed stress upon : **What is Local Chapter? Who can become Local Chapter? and How to become a Local Chapter**. She encouraged many participants from various institutes to initiate NPTEL courses and become a Local Chapter. **Ms. Bharathi** attended to the queries raised by participants.

During the concluding session, **Prof. Prasad and Prof. Yadav** distributed Mementos to the dignitaries from **IIT Madras**. **Ms. Ashu Malhotra, NPTEL Coordinator, DCE, Gurugram** delivered the Vote of Thanks.

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The workshop ended with a satisfactory note with the hope that the valuable information gathered during the day will be shared with students and that they would be encouraged to reap the benefits of such MOOCs.

List of DGI Participants:

1. Dr. Sahab Singh
2. Mr. Gaurav Siwal
3. Mr. Manik Mittal
4. Mr. Amit Jain
5. Ms. Kiran Singh
6. Ms. Aditi Arora
7. Ms. Monu Singh
8. Mr. Prassan Sharma
9. Ms. Devangi Grover



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Link of the Event:

<https://gnindia.dronacharya.info/events/NPTELWorkshop.aspx?Month=Jan&Year=2018>

Name of the event: Master Training Workshop on Spoken Tutorial

Date of the event: 19-01-2018

No. of Participant: 1

Summary of the event: The **Master Training Workshop on Spoken Tutorial** was organized by **Dr. A.P.J. Abdul Kalam Technical University, Lucknow** at its Noida Campus, in collaboration with **IIT Bombay** on **19th January 2018**. The objective of the workshop was to spread awareness about Spoken Tutorial courses. 60 Faculties from various colleges affiliated to **AKTU, Lucknow** attended the workshop. **Mr. Manoj Kumar Yadav**, Assistant Professor in Computer Science and Engineering from **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

The session was inaugurated by **Dr. Vineet Kansal, Dean, UG & Entrepreneurship, Dr. A.P.J. Abdul Kalam Technical University**. **Dr. Kansal** advocated good quality education in India through skill development. He said that the quality of higher education can be enhanced through **MOOCs**.

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Sharing the overview of the workshop, **Ms. Neha Srivastava, Training Coordinator, Spoken Tutorial, IIT Bombay** said that Spoken Tutorial is an initiative of **National Mission on Education through ICT, MHRD, Govt. of India** to promote IT literacy through **Open Source Software** which is being developed by IIT Bombay.

Ms. Srivastava stressed that learning is more effective when animation and narration are presented simultaneously. Audio - video demonstrations can illustrate features with maximum clarity. She discussed **Free Open Source Software (FOSS)** through which students and faculty can learn the application of any software.

Highlighting the effectiveness of Spoken Tutorial, **Ms. Srivastava** said that about 4.32 lakh participants have been trained for Spoken Tutorial courses and over 230 colleges have been registered as its partner.

During the lab session the faculty were given hands on practice on registration process and how to add an organizer and also how to add batches for training and certification. She explained the procedure to fill the **Tracking and Monitoring Sheet**. Participants got the first-hand information about applications of the software in real life. Hands - on - training instilled confidence in them about of Spoken Tutorial.

Based on the feedback from the participants, **Dr. Kansal** was of the view that the Spoken tutorial project should be included as a part of E-Learning Resources of AKTU.

The workshop ended with formal interactions.





Link of the Event:

<https://gnindia.dronacharya.info/events/MasterTrainingWorkshop.aspx?Month=Jan&Year=2018>

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Name of the event: 8 Days Workshop on Universal Human and Professional Ethics

Date of the event: 10-01-2018 - 17-01-2018

No. of Participant: 6

Summary of the event: **Value Education Cell of Dr. A.P.J. Abdul Kalam Technical University**, Lucknow conducted an **8 Days Workshop on Universal Human and Professional Ethics** under **TEQIP PHASE-III** from **10th to 17th January 2018**. The workshop was organized at Moradabad Institute of Technology, Moradabad.

Mr. Amit Jain, Assistant Professor, ECE, **Mr. Manik Mittal**, Assistant Professor, ME and **Dr. Kumud**, Assistant Professor, Applied Science from **Dronacharya Group of Institution, Greater Noida** attended the workshop alongwith many other staff members from several colleges affiliated to AKTU.

The Resource Persons for the workshop were :

1. **Mr. Jitendra Narula**
2. **Ms. Shilpi Dixt**
3. **Dr. Y. Singh and**
4. **Dr. R.S. Uppal**

During the workshop, the Resourse Persons discussed Self Realization and the relationship between self, society, nature, family and near and dear ones. The workshop focused on the relationship building aspect of human beings with all stake holders so as to bring harmony in society and nature.

The Role of Education in holistic development was discussed in the context of self-exploration. A session on basic human aspiration was conducted to explain Happiness and Prosperity.

During another session, the importance of relationship, physical facilities and right understanding in life of human being was discussed. The five dimensional human order was explained

On the concluding day, **17th January 2018**, the participants shared their feedback and benefits they gained by attending the workshop.

During the valedictory function, MIT Group Chairman, **Shri Neeraj Agarwal** expressed his gratitude to the Resource Persons for their invaluable contribution in conducting the UHVPE Workshops. He also thanked the participants for the successful completion of the workshop and presented them the **Participation Certificate**.

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MIT Director, Prof. (Dr.) B.P Singh presented the Vote of Thanks.



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Link of the Event:

<https://gnindia.dronacharya.info/events/WorkshopUniversalHumanEthics.aspx?Month=Jan&Year=2018>

Name of the event: Seminar on "MATLAB and Simulink for Predictive Analytics, Signal Processing & Controls Applications"

Date of the event: 21-02- 2018

No. of Participant: 3

Summary of the event: A one day seminar on "**MATLAB and Simulink for Predictive Analytics, Signal Processing & Controls Applications**" was organized by **Mathworks** at **The Park, New Delhi** on **21th February 2018**.

Mr. Amit Jain, Asst. Professor, Electronics & Communication Engineering Department, **Dronacharya Group of Institutions, Greater Noida** attended the seminar.

The focus of the seminar was :

1. Predictive Analytics using MATLAB and Simulink
2. Image Processing and Computer Vision Using MATLAB
3. Signal Processing and Communications System Design
4. Design, optimize, and verify mechatronic systems

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5. During the session they will demonstrate, using real-world case studies and how MathWorks solutions provide an integrated platform for system design and analysis.

Mr. Amit Doshi, Application Engineer, Mathworks started the session explaining Predictive Analysis and Signal Processing using MATLAB and Simulink. He explained how to apply artificial intelligence to any system. Then he explained various features of 2017b version of MATLAB and its application. He discussed the difference between machine learning and deep learning.

The second session on Image Processing and Computer Vision Using MATLAB was conducted by **Mr. Rishu Gupta**, Application Engineer, Mathworks. He discussed the following topics:

1. Working with large images, image sets and videos
2. Image processing on 3D datasets
3. Machine learning and deep learning for images
4. Dataset labeling for learning algorithms
5. Implementing and prototyping algorithms on hardware

Third and the last session focused on Control Application with the following topics :

1. Create custom components with Simscape language
2. Automatically tune parameters of components to meet system requirements
3. Run simulations in real-time for HIL testing
4. Model based design for Mechatronics system simulation using Simscape (Physical Modeling)
5. Multi-Body Dynamics Simulation using SimMechanics
6. Control system design and analysis
7. Demo of Magnetic Levitation system using Arduino

This seminar was quite informative and covered the emerging fields of Automation, Machine Learning and Signal Processing. Design and analysis of a mathematical model of a system is gaining importance, primarily due to understanding and accurately predicting complex systems, scenario testing, forecasting, optimizing system behavior and designing control systems. Students too can design their projects using Simulink and Simscape.

The seminar ended with informal meetings.



Link of the Event:

https://gnindia.dronacharya.info/events/SeminarMATLAB_2018.aspx?Month=Feb&Year=2018

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Name of the event: Workshop on Microcontroller Design (MSP430)

Date of the event: 16-02-2018 - 18-02- 2018

No. of Participant: 9

Summary of the event:

Mr. Amit Jain, Assistant Professor, Department of Electronics and Communication Engineering, **Dronacharya Group of institutions, Greater Noida** attended the “**Three Days workshop on Microcontroller Design(MSP430)**” organized by AKTU-Texas Instrument during **16 - 18 February 2018** at **Anand Engineering College, Agra**. The objective of the workshop was to train the faculty members about MSP430 launch pad and help them perform various lab experiments which have been introduced for 2nd and 3rd year students of Electronics and Communication Engineering.

Day 1: 16 February 2018

The program started with the inaugural speech of **Prof (Dr.) Anil Kishore Saxena**, Director, Anand Engineering College. He shared his experience of embeded system development from his time to current scenario. Dr. Saxena said that industry oriented technologies and a state-of-the-art educational facility can help engineering students gain the technical expertise needed to become industry-ready when they graduate and go into the workforce. He expressed his happiness with the support rendered by Texas Instruments to build faculty capabilities at the university and the future initiatives that are planned for the students through this collaboration.

Mr. Rahul Agrawal, workshop coordinator welcomed all participants and trainer from Texas Instruments **Mr. Gaurav Prabhakar** and **Mr. Abdul Samad**.

The workshop started with an Introduction to **MSP430** series platforms, need for Low Power Systems, MSP430's **Internal Architecture, Clock Systems, Low Power Modes**, MSP430 Launchpad and its Peripherals, resources for MSP430 & **Interpreting Datasheets** were explained. It was followed by a demonstration on understanding **Low Power Modes** and measuring current consumption for a simple application.

Day one ended with distribution of MSP430 launch pad to every participant for performing hands on session.

Day 2: 17 February 2018

Day 2 of the workshop was aimed at providing hands on experience to the participants on the MSP430 and its applications based on the newly introduced curriculum. In the interactive lab session, handouts of the manuals for the experiments to be conducted were distributed to the participants. All the participants performed the tasks and verified the results using MSP430 under the supervision of the designated trainers **Mr. Gaurav and Mr. Abdul Samad**. The session helped the participants :

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1. Learn and understand how to configure MSP-430F5529 Launchpad digital I/O pins (blinking LEDs, push buttons interface)
2. Enabling Low power modes using Interrupt based programming
3. Configure the MSP430 Launchpad for Low Power Mode and measure current consumption both in active and low power modes.
4. Learn and understand how to configure the PWM module, Implementing Embedded Wi-Fi using CC3100 booster pack

Day 3: 18 February 2018

Day 3 started with hands on training and theory of timers, counters and their associated registers. Various codes of interfacing DC motor, Serial Communication Interface, UART programming and data logging applications were explained.

It was followed by the hands-on on **Master-Slave interfacing of MSP430**, using jumpers to connect pins of two launch pads. The participants then created their TI account and shared their design on it.

The workshop came to an end with a brief valedictory session followed by feedback from the participants.





Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](http://www.dronacharya.edu.in)

Name of the event: AICTE approved Faculty Development Program

Date of the event: 24-03-2018 - 25-03-2018

No. of Participant: 1

Summary of the event:

IIT Bombay organized a **AICTE approved Faculty Development Program on “Foundation Program in ICT for Education”** on **24th & 25th March 2018** at **Dronacharya Group of Institutions, Greater Noida (RC-1316)** which was managed by **Workshop Coordinator Ms. Monu Singh**. This program was conducted under the aegis of **Pt. Madan Mohan Malviya National Mission For Teachers & Teaching (PMMMNMTT), MHRD, Govt of India**.

The objective of this program was to create an awareness about the use of ICT in education and to make learning more interactive for the betterment of the society at large.

Day-1: 24th March 2018

<https://www.youtube.com/watch?v=06f2b65wtqw>
<https://www.youtube.com/watch?v=scsIRdvFA24>

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Session-1

Padma Shri Professor Deepak B. Pathak chaired the inaugural session. He welcomed the participants and advised them to attend the program with zeal. **Prof. Pathak** stressed upon the use of ICT as an important tool in order to make teaching-learning effective. **“Online educational methodology and flipped-classrooms are the order of the day”**, said **Prof. Phatak**. He also delivered a brief lecture on file extension and shared his vast experience on how to create file, assign name to it, create folder, create subfolder, keeping metadata etc.

Session 2

Prof. Jayakrishanan M, IDP in ET, **IIT Bombay**, conducted sessions on :

1. How to engage in higher order thinking in higher education?
2. How to implement the higher order thinking in FDP-101?
3. Why collaboration is needed in ICT?
4. What may be the challenges faced in the process of quality learning?
5. How to come out from all above situations with a proper solution?

Prof. Jayakrishanan demonstrated the creation and designing of a Webpage and its application. **Dr. Sameer Sahasrabudhe**, Dept of CSE, IIT Bombay suggested ways on how to make the webpages look attractive as well as meaningful at the same time.

Post lunch, all the participants created their individual webpage, using Wordpress.com under the guidance of **Ms. Monu Singh**. It was done as an assignment to be presented in the next session as Collaborative Activity.

Day-2: 25th March 2018

<https://www.youtube.com/watch?v=9QV24H210AQ>
<https://www.youtube.com/watch?v=pLG3bWdemmE>

Prof. Jayakrishanan M started the session with a discussion on how assignments and Group Activities have been done by the participants and RC Coordinators at several remote centers across India. As the next assignment, **Prof. Jayakrishanan** asked the Remote Centers to interact among themselves for the better understanding of the course, nominating one RC amongst the group as the Nodal Center. **Dronacharya Group of Institutions, Greater Noida** was one of the nominated Nodal centres with 8 other RCs as its client. This assignment at Dronacharya was coordinated by one of the participants, **Mr. Probeer Sahw, Head- Department of Electronics and Communication, Dronacharya Group of Institutions, Greater Noida**. **Mr. Sahw** made a live demonstration on How to share the desktop at a common platform to make it available to all.

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During the Valedictory Session, the feedback on “**A-VIEW Breakout Sessions**” was collected by **Prof. Jayakrishanan M. Prof. Phatak** thanked all the participants and urged them to continue participating in all such Development Programs in order to be able to groom the students in a much better way. Reacting to the view of one of the participants regarding obsolescence of teachers, **Prof. Phatak** said that there should be no such reason to be afraid of for the teachers if they continued learning and using the ICT.

Prof. Phatak hoped that the FDP would have made the participants future ready, equipped with ICT and its application to deliver better inside the classroom for the students who will take care of nation in time to come. He also anticipated that our nation will enjoy the taste of fruits, if we could put our sincere efforts to sow the seeds in right manner.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

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Name of the event: IITB A-view interaction with Coordinators

Date of the event: 26-04-2018

No. of Participant: 1

Summary of the event:

An A-view interaction was organized by IITB on **26th April 2018 at all its Remote Centers through ICT. The objective of this interaction**, conducted by **Prof. Jayakrishnan M, IDP** in ET - IIT Bombay was to discuss **the FDP201x course and the OER activity at Dronacharya Group of Institutions, Greater Noida (RC-1316)** the interaction was attended by **Workshop Coordinator Ms. Monu Singh**.

In this session **Mr. Jayakrishnan** discussed about the feedback received from different RCs regarding **“Breakout Session”** and **“Lab Session”** which was conducted during **FDP101x**. He provided an overview of **FDP201x** Course in which he discussed the content to be covered during the FDP, i.e.


1. Digital Bloom' Taxonomy
2. Flipping the classroom using technology: Focus on out-of-class activities
3. Flipping the classroom using technology: Focus on in-class activities.
4. Evaluating the classroom practice: Learning and Perception, OER activity

Mr. Jayakrishnan informed that the A-VIEW Sessions will be conducted on 12 and 13 May and 26 and 27 May 2018. He also informed that **FDP 201X** will also have Lab session and Breakout session.

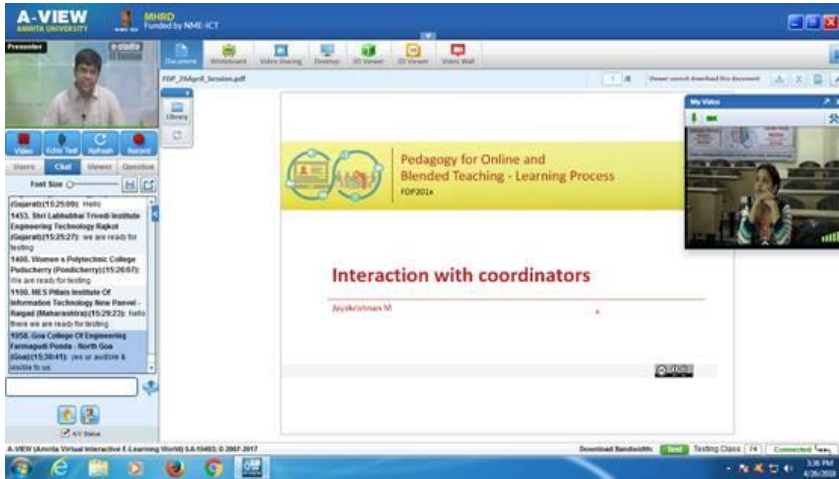
While discussing **Open Education Resource (OER)**, **Mr. Krishnan** said that it will be equivalent to a course project activity which will be peer evaluated.

Concluding the interactive sessions, workshop coordinators were informed that after completion of **FDP201x**, IITB is planning to come up with **FDP301x**.

Youtube link: https://www.youtube.com/watch?v=K-G_ZDzp76Y



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Name of the event: 8 Day Workshop on "Universal Human and Professional Ethics"

Date of the event: 28-05-2018 to 4-06-2018

No. of Participant: 1

Summary of the event:

Value Education Cell of Dr. A.P.J. Abdul Kalam Technical University, Lucknow conducted an **8 Days Workshop on Universal Human and Professional Ethics** under **TEQIP PHASE-III** from **28th May, 2018 to 4th June, 2018**. The workshop was organized at **NIET, Greater Noida**.

Asst. Prof. **Prassan Sharma**, Dept. of Applied Science from **Dronacharya Group of Institution, Greater Noida** attended the workshop alongwith many other staff members from several colleges affiliated to **AKTU**.

The Resource Persons for the workshop were :

1. **Dr. Manish Kaushik**
2. **Dr. Parul Singh**, and
3. **Prof. Sandeep**

During the workshop, the Resourse Persons discussed Self Realization and the relationship between self, society, nature, family and near and dear ones. The workshop focused on the relationship building aspect of human beings with all stake holders so as to bring harmony in society and nature.

A documentary on "**Hiware Village**" was shown to the participants and discussion was done regarding this to make the participants understand the feeling and behavior of the residents of the village and how the transparency in the system and contribution of each person is the society led the Hiware Village towards prosperity.

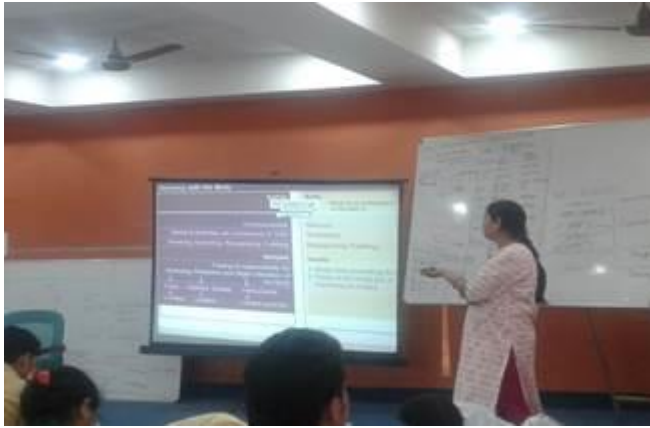
Another video, "**An Inconvenient Truth**" was played post which a discussion on how humans are contributing towards the problems in the nature was done. The possible solutions were also discussed.

The Role of Education in holistic development was discussed in the context of self-exploration. A session on basic human aspiration was conducted to explain Happiness and Prosperity. During another session, the importance of relationship, physical facilities and right understanding in life of human being was discussed. The five dimensional human order was explained

On the concluding day, **4th June 2018**, the participants shared their feedback and benefits they gained by attending the workshop.

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The workshop ended with certificate distribution and group photograph.




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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: Computer Society of India: Special Annual General Body Meeting

Date of the event: 20-05-2018

No. of Participant: 1

Summary of the event:

CSI Special Annual General Body Meeting was held on **20th May 2018** at **India Islamic Cultural Center, New Delhi** in the light of the resolution taken by the **Excom** in its meeting held at **Mumbai** on **25th March 2018**.

Mrs. Aditi Arora, Assistant Professor (CSE Dept.) from **Dronacharya Group of Institution, Greater Noida**, attended Meeting on behalf of the college.

Mr. Sanjay Mohapatra, President-CSI welcomed all members to the AGM and requested to start the deliberations as per the agenda.

He discussed the minutes of the **51st Annual General Body Meeting** held on **25th January 2017** at **Coimbatore & AGM** on **18th March 2017** at **Bangalore**. Thereafter the minutes circulated earlier by Hon Secretary were taken as read and approved.

He further discussed about the Annual Report for the **Financial Year 2016-17**.

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The AGM noted that Annual Report was well drafted and presented.

The Annual Report for the **FY 2016-17** circulated earlier by the Hon Secretary were taken as read and approved. Further the President requested the Treasurer to present the Audited Accounts for the **FY2016-17**. A hard copy was also given to all members present in the AGM. Audited statements of accounts were critically examined by the **AGM**. The Audited Accounts for the **FY 2016-17** circulated earlier by Hon Secretary / Hon Treasurer were taken as read and approved unanimously.

Further the members of AGM discussed about the **CSI Constitution 2013** amendment for the election process. President, CSI updated members regarding the resolution unanimously approved by Excom & National Council relating amendment in **CSI Constitution 2013 election date**.

The meeting concluded with the vote of thanks to the chair.




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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

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Name of the event: Summer School on STAAD Pro V8i

Date of the event: 5-06-2018 - 15-06-2018

No. of Participant: 1

Summary of the event:

Department of Civil Engineering, Dronacharya Group of Institution Greater Noida organized a Summer School on "**STAAD Pro V8i**" in association with **DGI-ASCE Student Chapter** during **5th -15th June 2018**. The training was imparted by Asst.Professor **Mr. Pravendra Yadav**. The objective of the summer school was to expose the students to the world of **Structure Analysis and Design**.

Inaugurating the program, **Hon'ble Director, Prof.(Dr.) Ashish Soti** said that technology is changing the world in remarkable ways and people who have the skills, are in highest demand. He motivated the students to learn all such Technical and Analytics skills.

June 05, 2018

Introducing Staad Pro V8i software package to the participants, **Mr. Yadav** said that it is used for geometrical modeling, analysis and design of structures i.e concrete and steel structures.

On the 1st day students learned the basics of STAAD Pro, i.e., Creating New Files, STAAD Pro Screen, Opening and closing of existing STAAD Pro file and Saving command.

A lab Test was also conducted to evaluate the understanding of students from the first day's session.

June 06, 2018

Mr. Yadav started the second day's session with the introduction of different methods for geometrical modeling of simple and complex structures. In this session student learned the geometrical modeling of the simple structure i.e modeling of beam by different methods, creation of internal hinges and different types of supports for the beams.

June 07, 2018

On third day of summer school participants learned about the geometrical modeling of complex structures like as modeling of frame structure, different types of bridges and water tanks by using snap node method and structure wizard methods. Participants also learned property assignment, renumbering and grouping of members.

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June 08, 2018

Session started with the discussion of codal provisions of Indian Standard IS: 1893-2002 for design of earthquake resistant structures. In this session participants studied about calculations of fundamental time period, base shear, modal mass and modal participation factors for different mode shapes.

June 11, 2018

On 11th June, participants were trained on basic concepts of different methods, i.e Static, Dynamic and Nonlinear Methods, for analysis of structures. Participants also learned different types of load assignment over the structures.

June 12, 2018

During this session participants learned the Static Analysis of the structures. They also performed static analysis on different types of structures and found critical loads in the members of the structure.

June 13, 2018

Session started with the lab test to evaluate the participants understanding from the previous classes. After the completion of Lab test, **Mr. Yadav** discussed the dynamic methods of analysis and considerations such as seismic, wind, hydrostatic etc. During this session participants performed Response Spectrum Analysis for different types of structures.

June 14, 2018

Participants were introduced to the Time History method of analysis. They also studied calculations of loads at different time intervals. The day ended with the Lab session.

June 15, 2018

The Stadd Pro Summer school concluded with the evaluation of assignments given to the students. During the Feedback Session, participants were of the view that the learning they had from the summer school will help them in understanding the Civil Engineering in a broader scope.



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ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS

DRONACHARYA
Group of Institutions

SUMMER SCHOOL
on

STAAD.Pro v8i

5-15 JUNE 2018

ORGANIZED BY

Dept. of Civil Engineering

IN ASSOCIATION WITH

DGI-ASCE STUDENT CHAPTER



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](#)

Name of the event: A Two Day Workshop on "Basics of Foundry Practice"

Date of the event: 8-03-2018 - 9-03-2018

No. of Participant: 1

Summary of the event: A Two Day Workshop on "**Basics of Foundry Practice**" was organized by Mechanical Engineering Department in collaboration with **MSME, Govt. of India** on **8th - 9th March 2018** at **Centre of Excellence for Smart Manufacturing (CoESM), Dronacharya Group of Institutions, Greater Noida**. The workshop was coordinated by Faculty Member **Mr. Brijesh Verma** and was attended by **33 students** from second year Mechanical Engineering stream. The aim of the workshop was to make participants familiar with foundry practices, understand basic principle and perform casting to manufacture articles.

Day 1, 8th March 2018

On the first day, Mr. Brijesh Verma delivered a lecture on **Foundry Practice**. He began with the history of castings and covered following topics during his lecture:

1. Introduction of casting
2. Need of casting
3. Steps of casting
4. Types of castings
5. Sand casting and procedure
6. Foundry tools and equipment's
7. Casting defects
8. Inspection of castings.

Participants were explained the process of sand preparation for making molds. They were informed about appropriate composition of sand, water, clay and molasses. After making molds participants learned the process of pouring molten metal, solidification and removal of castings from the mold.


Day 2, 9th March 2018

On second day the participants prepared their own pattern for making mold cavity. The gas fired furnace was used to melt aluminum metal. After melting, liquid metal was poured into the mold cavity and casting was removed from the sand after solidification.

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The workshop proved to be a successful and practical oriented. Participants gained very good knowledge and exposure of Foundry Practice.




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Name of the event: WORKSHOP ON NC GUIDE SOFTWARE (CNC SIMULATOR)''

Date of the event: 03/11/2017

No. of Participant: 2

Summary of the event:

A workshop on NC Guide Software (CNC simulator) was conducted by FANUC India Pvt. Ltd. at Dronacharya Group of Institutions, Greater Noida on 3rd November 2017. **Mr. Akshay Upare**, Deputy Engineer, FA Application and **Mr. Mayank Gupta**, Deputy Engineer, FA Sales from FANUC India Pvt. Ltd. were the resource persons for the workshop. The workshop was attended by Third Year Mechanical Engineering students and was coordinated by **Mr. Gaurav Siwal**, and **Mr. Ajay Chaubey**, Assistant Professor from Mechanical Engineering Department.

The objective of the workshop was to make students aware of the CNC simulators that are used for programming of CNC Turning and Milling Centers. Mr. Upare started the session with the introduction of FANUC as a world leader in Automation. He said that the software can be used as developmental tool by the designers to create customized screens and offline simulation and testing without any dedicated hardware. The FANUC CNC Simulator is based on the FANUC Series 0i - MODEL F platform and can be operated in either milling or turning configurations. Mr. Upare added that one can program the simulator as a 3-axis mill or a 2-axis/1-spindle turning system. The simulator is portable and requires only a standard wall outlet for power.

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Mr. Upare further said that the Simulator is a complete FANUC CNC control with LCD monitor and a QWERTY keyboard. Students can experience the look, feel and layout of the control as they navigate and program a fully functioning CNC. Students can transfer the programs to the machines using the built-in Ethernet connections or standard Flash ATA or USB interface.

Mr. Gupta elaborated the use of simulator and explained how it can be used for creation of part programs for Lathe Machining Centre and compound machines, Tool Path graphic display and 3D simulation display of finished components.

Mr. Upare then demonstrated the steps to operate and program the simulator. He displayed the simulation of few preloaded programs for Milling and Turning operations.

The workshop was very informative and gave a good glimpse of CNC and factory automation in Industry.



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Link of the Event: [Dronacharya Group of Institutions in Greater Noida/Delhi-NCR \(Official Website\)](https://www.dronacharya.edu.in/)

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Academic Session 2016-17

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Name of the Event : Industrial Visit to Multitex Filtration Engineers Ltd.,
Greater Noida

Date of the Event : 26-08-2016

No. of Participants : 1

Summary of the Event :

ISTE Student Chapter, Dronacharya Group of Institutions Greater Noida organized an industrial visit to **Multitex Filtration Engineers Ltd. Greater Noida** on **26th August 2016**. 25 students along with **Prof. T Bothi Chandar**, Professor Department of Mechanical Engineering, **DGI, Greater Noida** visited the industry.

Multitex Filtration Engineers Ltd., Greater Noida started with a small capital and with dedicated team strength of Engineers. It started with providing Design, Engineering & Manufacturing services to the Filtration & Separation Industry. Multitex provides its customers complete package including Process, Mechanical, instrumentation, Feedback & Control & Electrical, from single vendor, the company prepared itself to set up a new workshop.

Capt. A. K. Tiwari (Retd), Senior General Manager and **Mr. Manjeet Singh**, Senior Manager in Quality, **Multitex Filtration Engineers Ltd, Greater Noida** welcomed the students and briefed about the Multitex Filtration. In the first phase of the visit **Mr. Manjeet Singh & Mr. Deepak Kumar**, discussed the concept :

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1. Filtration & Separation - Filtration is any of various mechanical, physical or biological operations that separate solids from fluids (liquids or gases) by adding a medium through which only the fluid can pass whereas a **Separation** is a method to achieve any phenomenon that converts a mixture of chemical substance into two or more distinct product mixtures, which may be referred to as mixture at least one of which is enriched in one or more of the mixture's constituents.

2. Gas Liquid Separation - Determine separation efficiency of separation units under different fluids and flow condition. It also evaluates alternative designs for minimizing pressure drop and maximizing flow through.

3. Dry Gas Filter - Dry gas filters are used to remove fine debris from a gas pipeline. Dry gas filters are disposable depth type cartridges to retain contaminant in the element structure. Cartridges are sleeve type with inner and outer support housings. Support housings are re-usable with only the sleeve part disposable.

Multitex designs and manufactures a full range of Fuel Gas Conditioning Skid to provide clean, dry, metered Gas at the required pressure and temperature from the untreated, unregulated Gas source.

Most users of Fuel Gas require Gas i.e. free of liquids and solids. For satisfactory operation of Gas Turbine, manufacturers calls for specifications as under:

1. Clean Gas free of liquid and solids
2. Gas sampling & composition analysis.
3. Performance Heater for improved efficiency of Gas Turbine
4. Superheat minimum of 20°C above Gas dew point.



5. Gas metering for custody transfer or validation between Gas supplier, Gas buyer and Gas consumer.

6. Condenser Tube Cleaning System

7. On Line Tube Cleaning System

For permanent cleanliness of inner surface of Heat Exchanger and **Condenser Tube, Sponge Rubber Balls** with diameter slightly larger than the diameter of tube to be cleaned circulated through the tubes. Based on this process, complete system is named as Condenser On **Load Tube Cleaning System**.

Students took keen interest in acquiring the knowledge about the process, equipment, Gas Turbine, filtration and separation. The theoretical concepts of the students were turned into practical know - how after visiting the plant.



Event of the Link :

https://gnindia.dronacharya.info/events/Multitex_Filtration1_2016.aspx?Month=Aug&Year=2016

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Name of the Event : Industrial Visit to Noida Metro Rail Corporation (NMRC)

Date of the Event : 26-08-2016

No. of Participants : 2

Summary of the Event :

An Industrial Visit to Casting Yard of **Noida Metro Rail Corporation** was organized by Department of Civil Engineering under the banner of **AGI (Association of Geospatial Industries) of Dronacharya Group of Institutions, Greater Noida on 26th August 2016**. 42 students of Civil Engineering branch with faculty members **Mr. Gyanendra Kumar** and **Mr. Rahul Verma** visited the site.

Mr. Virendra, Project Engineer, NMRC welcomed the students and briefed the casting yard of **Noida Metro Rail Corporation**. **Mr. Virendra**, especially emphasized on the safety aspect of the project and asked students to follow rules and regulations. He covered all the aspects of civil engineering in a very short period of time.

Students visited the construction site under the guidance of **Mr. Rajendra Rai, Senior Engineer, NMRC**. **Mr. Rai** explained the process of stabilizing the soil during the construction of pillars & piers. The loose soil around the pillars is stabilized with cement bags filled with sand. It is necessary while carrying out construction in the basement to support lateral movement of the land or soil around.

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Mr. Rai then accompanied students to the casting site where the U - shape support girders were being casted. Pre-stressed technology in the panels was explained to the students. The steel cables were installed and stressed before concreting. The gantry was applied and then pouring of concrete takes place. Generally **M55 or M60** was being used in the formation of panels. I - Beam were constructed for the support at the turn and corners. The panels were then transported to different location for transportation with help of heavy lifts.

Students went to **Quality Control Lab** where samples being taken from the mixer before use and tested for the defined strength. The process of compressive strength testing of the concrete was demonstrated to the students. **Mr. Rai** stressed upon the concept of project management and scheduling of the project i.e. the cycle time for completion of a particular work. The material should be maintained at an optimum level so that it would not be wasted nor be scanty in demand.

Four cranes are used for pumping the concrete into the site according to the radius of the work and distance of the site from the base. Concrete is pumped into the site with the horizontal and vertical movement of the crane's belt.

There were 3 batching plants and they are very much in reach of the construction site to reduce the cost of transportation and labour. Batching plant is fed with good quality aggregates, fine aggregates and cement (OPC only). All batching plants are fully automatic and the effectiveness is checked regularly to ensure the quality product.



Students took keen interest in acquiring the knowledge about the process of construction of the Project **(NMRC)**. Students learnt about some new technologies i.e. Pre-tensioning of high tensile wires, erection of panels and casting and transportation of big panels. The theoretical concepts of the students were turned into practical knowledge after visiting the site.



Event of the link :

https://gnindia.dronacharya.info/events/NMRC_2016.aspx?Month=Aug&Year=2016

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Name of the Event : Industrial Visit to National Small Industries Corporation (NSIC) Okhla, New Delhi

Date of the Event : 5/8/2016

No. of Participants : 2

Summary of the Event :

An industrial visit to **National Small Industries Corporation (NSIC) Okhla, New Delhi** was organized under **DCE ISTE Student Chapter** by **Department of Mechanical Engineering, Dronacharya Group of Institutions, Greater Noida** on **5th August, 2016**. 48 students along with faculty members **Mr. Gaurav Siwal** and **Ms. Priyanka** visited the corporation.

Mr. Zufail Hassan, Coordinator - NSIC, welcomed the students and briefed them about NSIC. He said that NSIC has been working to fulfill its mission of promoting, aiding and fostering the growth of Micro, Small & Medium Enterprises. The Technical Services Centre in **Okhla, New Delhi** is engaged in providing services to MSME units by providing skilled and professional workforce by imparting training on demand driven, industry oriented courses in various fields like, **Mechanical Workshop, Information Technology, CAD/CAM & CNC, Multimedia & Animation, Electrical & Electronics, Entrepreneurship Development etc.**

Mr. Hassan said that the curriculum of each training program is defined in such a way so as to give maximum practical exposure through training sessions. He informed that more than 40,000 trainees have already been trained by the Centre and successfully placed in companies including **Munjal Showa, Motherson Sumi, Mitsubishi Electric Co., HCL Infosys Ltd.** through campus placement.

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Mr. Joydeep Mukherji, Financial Advisor - NSIC, also interacted with students. He described various schemes by **NSIC, MSME and Govt. of India** meant to help and promote small and medium scale industries. He discussed all the financial and marketing aspects of such industries.

Students were taken to incubator where they were shown the machineries used in paper and pulp industry, used in producing tissue and tissue rolls, sauce and ketchup production, cereals polishing and packaging. Other machineries to produce nails, and manufacturing PET bottles were also shown.

The visit proved to be very informative for the students.



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Link of the event:

https://gnindia.dronacharya.info/events/NSIC_2016.aspx?Month=Aug&Year=2016

Name of the Event : Awareness Session on Heart Diseases

Date of the Event : 30-09-2016

No. of Participants : 3

Summary of the Event :

NSS WING of Dronacharya Group of Institutions, Greater Noida in association with **Confederation of Indian Industries (CII)** and **Dr. Reddy's Foundation for Health Education** organized an Awareness Session on "**Heart Diseases**" on **30th September 2016**. The main aims of the event to create awareness in the common mass with the knowledge and tools to take charge of their heart health.

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Session began with the welcome address by **Prof. (Dr.) S. K. Bagga, Director, DGI, Greater Noida**. DGI - NSS Student Coordinator introduced resource person **Dr. Amit Gupta, MBBS, DNB (Internal Medicine)**, MNAMS Senior Consultant Physician and Diabetologist with 10 Years of experience, having National Health Award 2016 in Diabetes, Executive Committee Member ISAR (Indian Society for Atherosclerosis Research).

Dr. Amit Gupta began his session with a presentation on Heart Disorders. He said that according to the recent survey, Heart diseases are the largest killer disease worldwide as 12 million people die annually due to heart disorders. He focused on the value of heart in human body which pumps 4 to 5 liters of blood every minute during rest. It also supplies nutrient, oxygen and blood to all other body parts.

Dr. Gupta pointed out that lowering the blood cholesterol level may reduce the risk of coronary heart disease. He discussed the causes and effects of Heart problems and the ways to avoid it. He also gave an in-depth analysis of the serious consequences of disease if it is not treated properly and timely.

Dr. Amit Gupta focused on diet and proper working style to overcome the problems related to heart. He suggested taking a variety of fruits and vegetables every day as they are naturally low in fat and high in vitamins and minerals. **Dr. Gupta** highlighted the most common risk factors for heart disorders such as High Cholesterol, Smoking, High Blood Pressure, Diabetes, Obesity, Alcohol and physical inactivity.

The session ended with presentation of Memento to **Dr. Amit Gupta** by **Prof. (Dr.) S. K. Bagga, Director, DGI, Greater Noida**. Vote of Thanks was delivered by **Dr. Abhishek Swami, DGI - NSS Coordinator**.



Link of the Event:

https://gnindia.dronacharya.info/events/Heart_Diseases_2016.aspx?Month=September&Year=2016

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Name of the Event : Industrial Visit to Aprtron Solutions Pvt. Ltd.

Date of the Event : 30-09-2016

No. of Participants : 1

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized an **Industrial Visit to "Aprtron Solutions Pvt. Ltd."** on **30th September, 2016**. Thirty seven first year students of CSE Department along with **Mr. Dinesh Kumar, Assistant Professor**, Department of Applied Science and Humanities, visited **Aprtron Solutions Pvt. Ltd.**

The main objective of the visit was to make student aware about how various activities related to technology in the field of Networking and Electronics are carried out in the Industry. **APTRON Solutions** has provided individual and corporate clients with a superior learning experience under the brand name of Net Experts Educational Services.

The visit started with the brief introduction of company by **Mr. Yogendra Pratap, Senior Training Consultant** at **Aprtron Solutions**, He described the different functionalities related to development and networking. After brief orientation the students attended the technical session where they got practical knowledge in the field of networking with the help of simulation as well as practical approach. **Mr. Yogendra** described different types of networking devices like hubs, bridges, switches, routers etc.

The students also learnt to identify the ability of network infrastructure that supports its applications and how it affecting the overall experience for users. **Mr. Yogendra** also discussed how the world is making legacy and network technologies work together.

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Mr. Yogendra also explained connecting several computers in a LAN with the help of a switch, installs IP addresses to the computers and managing them with only one machine and IOS.

The students then visited the Aprtron Labs and server rooms where they saw the real time implementation and maintenance of racks and routers. During the lab visit, **Mr. Yogendra** also explained the students about various networking devices such as firewalls, routers, switches, hubs, etc. He told about the ways to connect these devices and maintain them with the help of various networking commands.



Link of the Event:

https://gnindia.dronacharya.info/events/Aptron_Solutions1_2016.aspx?Month=Sep&Year=2016

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Name of the Event : Industrial Visit Essco Sanitations Pvt. Ltd.

Date of the Event : 26-09-2016

No. of Participants : 1

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized an **Industrial Visit to "ESSCO Sanitation Pvt. Ltd."** on **26th September 2016**. Faculty member **Mr. Rahul Verma** along with twenty - two Mechanical Engineering students (V Semester), **DGI, Greater Noida** visited the site. The main objective of the visit was to make students aware of the process involved in the manufacturing of the bath fittings which they could correlate with the theoretical aspects of the subjects they have been taught so far.

Essco Sanitations Pvt. Ltd. is leading Indian bath fitting brand **since 1960**. Essco has now presence in more than 35 countries worldwide & is currently the India's largest & world's 5th largest bath fitting brand. Essco has four manufacturing facilities across the country employing more than 7000 people at various levels. **Essco Sanitations Pvt. Ltd.** is also a proud owner of premium bath fitting range offered under the name of "**Jaquar**" & "**Artize**".

At **Essco Sanitations**, students were welcomed by **Mr. Suresh Chandola (Sr. Manager - Purchase)**, who briefed them with the company profile, its history, national & international presence and current status of company. Then, Company Officials **Mr. Sandeep Pandey, Mr Arun Shukla** and **Mr. Devendra Belwal** briefed some processes of the bath fitting. He explained "**Leak Testing**" a process used to detect manufacturing defects which helps verify the integrity of products and improve consumer safety.

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Next he described "**Grinding & Polishing**" process and said the purpose of the grinding is to remove damage from cutting, planarize the specimen and to remove material approaching the area of interest whereas Polishing is the most important step in preparing a specimen for microstructural analysis. It is the step which is required to completely eliminate previous damage. Then students got an idea of "**Electroplating**" a process of coating an article with a thin layer of a metal through electrolytic deposition. How "**Assembly**" of various components are done in the industry was also explained by **Mr. Belwal**.

At "**Casting & Machining unit**" **Mr. Sanjeev Thapar** took the charge to explain the intricacies of "**Casting**" & "**Machining Processes**" involved in the manufacturing of the bath fittings. Processes involved in "**Tool Room**" like making, repairing and storing tools were demonstrated by **Mr. Shiv Kumar**.

In the end, there was an interactive questions and answers session in which students raised some questions and their doubts which were answered by the company officials.

The visit provided the vital practical insight into the various manufacturing processes & helped the students to correlate their theoretical knowledge to practical implication.





Link of the event:

https://gnindia.dronacharya.info/events/ESSCO_Sanitation_2016.aspx?Month=Sep&Year=2016

Name of the Event : Industrial Visit to Honda Cars India Ltd., Greater Noida

Date of the Event : 9/9/2016

No. of Participants : 1

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Summary of the Event :

An Industrial Visit to Honda Cars India Ltd., Greater Noida was organized on **9th September, 2016** under the banner of SAE India by Department of Information Technology, **Dronacharya Group of Institutions, Greater Noida**. Twenty two students of CSIT and IT branch along with **Dr. Aditi Paul**, Assistant Professor, Department of IT visited the plant.

Mr. Sanyog Negi, senior staff member of Honda welcomed the students and briefed about the **Honda Car India Ltd**. He said that HCIL's first manufacturing unit was set up at **Greater Noida, U.P in 1997**. The project is spread across 150 acres and has an annual production capacity of 120,000 units. He showed various models of four wheelers that are manufactured in the plant. **Mr. Negi** revealed that **Honda Car Ltd.** is consistently maintaining its quality of product from all aspects.

Mr. Negi took the students for a visit to the manufacturing section, testing section, welding section and painting section of the plant. He explained each of these sections and showed how cars are assembled and finally tested before delivering to the customer.

In welding section **Mr. Negi** showed the robots which were performing all the welding activities for different models. He demonstrated and explained how these robots are operated through interfaces. The students enjoyed this section a lot as the robots were really exciting.

The visit ended with a group photograph.

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Link of the Event :

[https://gnindia.dronacharya.info/events/Honda_Cars_2016.aspx?Month=Sep
&Year=2016](https://gnindia.dronacharya.info/events/Honda_Cars_2016.aspx?Month=Sep&Year=2016)

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Name of the Event : Industrial Visit to Multitex Filtration Engineers Ltd, Greater Noida

Date of the Event : 9/9/2016

No. of Participants : 1

Summary of the Event :

An industrial visit to **Multitex Filtration Engineers Ltd.**, Greater Noida was organized by ISTE Student Chapter for the students of Mechanical Engineering Department, **Dronacharya Group of Institutions**, on **9th September 2016**. 27 students along with Prof. T Bothichandar, Department of Mechanical Engineering visited the Industry.

Capt A.K.Tiwari (Retd), Senior General Manager **Mr. Manjeet Singh**, Senior Manager in Quality. **Multitex Filtration Engineers Ltd, Greater Noida** welcomed the students and briefed them about Multitex Filtration.

Capt. Tiwari said that **Multitex Filtration Engineers Ltd, Greater Noida** started with a small capital and with dedicated team of Engineers. Initially it provided Design, Engineering Manufacturing services to the Filtration Separation Industry. Presently, Multitex provides its customers complete package including Mechanical, Instrumentation, Control Electrical.

Mr. Manjeet Singh Mr. Deepak Kumar, explained the concept of:

1. Filtration Separation.
2. Gas Liquid Separation
3. Dry Gas Filter

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to the students with suitable practical examples. They further added that most users of Fuel Gas require Gas i.e. free of liquids and solids. For satisfactory operation of Gas Turbine, manufacturers call for specifications as under:

1. Clean Gas free of liquid and solids
2. Gas sampling composition analysis.
3. Performance Heater for improved efficiency of Gas Turbine
4. Superheat minimum of 20°C above Gas dew point.
5. Gas metering for custody transfer or validation between Gas supplier, Gas buyer and Gas consumer.

Mr. Kumar explained the process of permanent cleanliness of inner surface of Heat Exchanger and Condenser Tube. He said that Sponge Rubber Balls with diameter slightly larger than the diameter of tube to be cleaned is passed through the tubes. Based on this process, complete system is named as Condenser on Load Tube Cleaning System.

Students took keen interest in acquiring the knowledge about the process, equipment, Gas Turbine, filtration and separation. The theoretical concepts of the students were turned into practical know - how after visiting the plant.





Link of the Event :

[https://gnindia.dronacharya.info/events/Multitex Filtration 2016.aspx?Month=Sep&Year=2016](https://gnindia.dronacharya.info/events/Multitex_Filtration_2016.aspx?Month=Sep&Year=2016)

Name of the Event : Industrial Visit at Aptron Solutions Pvt. Ltd

Date of the Event : 2/9/2016

No. of Participants : 1

Summary of the Event :

CSI Students Chapter, **Dronacharya Group of Institutions, Greater Noida** organized an Industrial Visit to "**Aptron Solutions Pvt. Ltd.**" on **2nd September, 2016**. Twenty seven students from B.Tech first year ECE / EEE / CSIT / IT along with **Dr. Somnath Sinha, Assistant Professor, Department of Applied Science and Humanities** visited the industry.

The main objective of the visit was to make student aware about how various activities related to technology in the field of Networking and Electronics are carried out in the Industry.

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The visit started with the brief introduction of company by **Mr. Sandeep, Network Consultant at Aprtron Solutions**, He described the different functionalities related to development and networking. After brief orientation the students enjoyed the technical session where they have experienced practical knowledge in the field of networking with the help of simulation as well as practical Approach. **Mr. Sandeep**, described different types of networking devices.

The students also learnt to identify the ability of network infrastructure that supports its applications and how it affects the overall experience of users. **Mr. Sandeep** also discussed how the world is making legacy and network technologies work together. **Mr. Sandeep** also explained connecting several computers in a LAN with the help of a switch, installing IP addresses to the computers and managing them with only one machine and IOS.

The students then visited the **Aprtron Labs** and server rooms where they saw the real time implementation and maintenance of racks and routers. During the lab visit, **Mr. Sandeep** also explained the students about various networking devices such as firewalls, routers, switches, hubs, etc. He also explained about the ways to connect these devices and maintain them with the help of various networking commands.

The industrial visit to **Aprtron Solutions Pvt. Ltd.** proved to be very educative and useful for the students.





Link of the Event :

https://gnindia.dronacharya.info/events/Aptron_2016.aspx?Month=Sep&Year=2016

Name of the Event : Industrial Visit to Mother Dairy

Date of the Event : 14-10-2016

No. of Participants : 2

Summary of the Event :

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An Industrial Visit to **Mother Dairy, Patparganj New Delhi** was organized by ISTE Student Chapter of **DGI, Greater Noida** on **14th October 2016** for the First Year students of CSE, CSIT, IT, EEE and ECE Branch. **Dr. S. K. Srivastava** and **Mr. Dinesh Kumar** from **Department of Applied Sciences and Humanities**, accompanied the students for the industrial visit. The objective of the visit was to enhance general awareness of the students related to the processing and manufacturing of dairy products.

The team was welcomed by **Mother Dairy Plant In - Charge, Mr. K. R. K. Pillai**. He gave a brief Introduction to students about Mother Dairy.

Mr. Jose (Factory Operations Manager) gave a presentation on the history of Mother Dairy. He described the white revolution and primitive and newer modes of milk collection and distribution. In his interaction with students he explained the technology involved in processing of milk through state of the art equipment. He also explained how technology integrates and completely automates all functions of milk processing and ensures high product quality, reliability and safety.

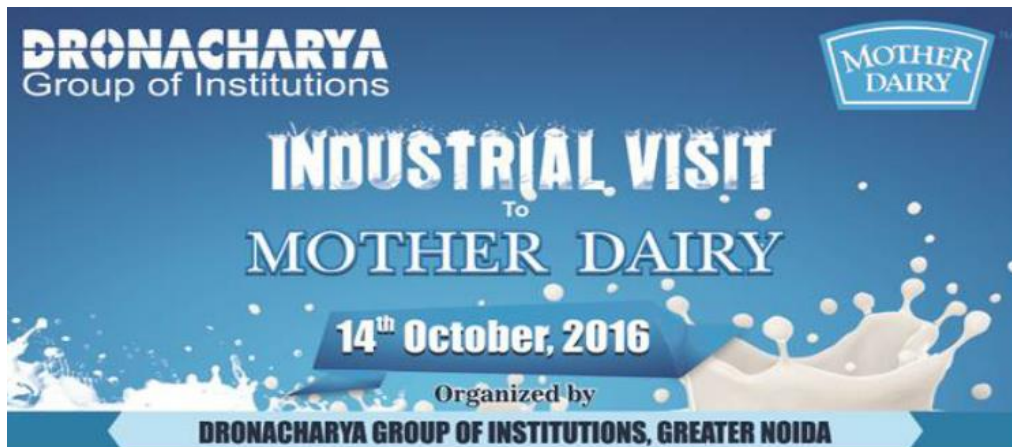
Students were briefed about the various stages of milk processing and were then headed towards the plant. At plant **Mr. Pillai**, described briefly about the process which milk undergoes, like: **Clarification, Standardization, Homogenization** and **Pasteurization** and finally about distribution of milk.

The students were shown some adulterant tests, cleaning of milk transport tankers and large containers (each with 1 lakh liter capacity). **Mr. Pillai** highlighted the importance of milk and its composition. He showed a room where fully automatic human operated cleanser, homogenizer and pasteurizer machines were kept.



The visit concluded with questionnaire where students' queries regarding plant, production, collection and distribution of milk etc. were answered. The tour was of about three and half hours but the knowledge and the experience the students gained would remain with them forever.

During the visit, the students enjoyed delicious flavor of dairy products provided to them courtesy **Mother Dairy**.



Link of the Event:

https://gnindia.dronacharya.info/events/Mother_Dairy_2016.aspx?Month=Oct&Year=2016

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Name of the Event : Industrial visit to Yakult Danone India Pvt. Ltd

Date of the Event : 7/10/2016

No. of Participants : 2

Summary of the Event :

An Industrial visit to **Yakult Danone India Pvt. Ltd.** was organized on **7th October, 2016** by the Department of Applied Sciences and Humanities, **Dronacharya Group of Institutions, Greater Noida.** 43 students from first year were accompanied by **Dr. Neeraj Bala** and **Ms. Rajni Diwedi**, Assistant Professors of Applied Sciences and Humanities Department for the visit.

The visit started with a presentation by **Mr. Subodh, Plant Manager**, on the Emergency Exit plan of the area which is a part of the organisation's **OHSAS (Occupational Health and Safety Assessment Series) certification programme.** It was followed by another presentation on the origin, journey, milestones and global marketing of the product. **Mr. Subodh** said that the journey of **Yakult Danone Pvt. Ltd.** began in 1930 with **Dr. Minoru Shiota**, who conducted research at the Medical Faculty of Kyoto in Japan. He was the first person in the world to attain success in the discovery of these bacteria. The bacterium was named "**Lactobacillus Casei Shiota Strain**".

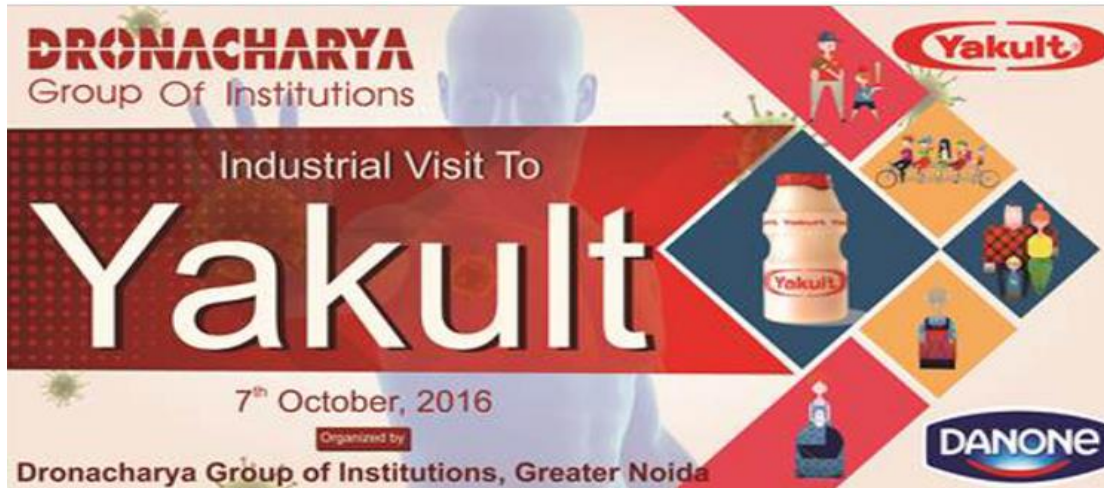
The students were allowed to visit the factory and witness each and every step in the process of manufacturing of the Probiotic Health drink, starting from the germinating of the **Lactobacillus Casei Strain Shiota (LcS)** bacteria to its enlargement to the desired level. They were informed that a close eye is kept on the quality control until the packing of the final product.

The importance of the Research & Development cell in judging the quality of the product attracted the student's attention.

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The visit came to an end with a Group Photo Session.



Link of the event :

https://gnindia.dronacharya.info/events/Yakult_Danone_2016.aspx?Month=October&Year=2016

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Name of the Event : Industrial Visit to Aprtron Solutions Pvt. Ltd

Date of the Event : 10/11/2016

No. of Participants : 2

Summary of the Event :

CSI Student Chapter of Dronacharya Group of Institutions, Greater Noida organized an Industrial Visit to **Aprtron Solutions Pvt. Ltd.** on **10th November 2016**. Thirty two students of CSE & IT Department along with two faculty members **Ms. Shalini Sharma** and **Ms. Monu Singh** of CSE Department of **DGI, Greater Noida** visited the company.

The main objective of the visit was to make students aware about how various activities related to technology in the field of Networking is carried out in the industry.

APTRON Solutions has provided individual and corporate clients with a superior learning experience under the brand name of CCNA Experts in Educational Services.

The session was conducted by **Mr. Yogendra (Cisco Trainer)**, where he provided an in-depth knowledge about the basics of networking, Cisco Packet Tracer, creating virtual networks and tracing packets. He also discussed the importance of networking certifications and its importance in the day to day life i.e the **CCNA (Cisco certified Network Associate)**, **CCNP (Cisco Certified Network Professional)** and **CCIE (Cisco Certified Internetwork Expert)**. He also explained various projects under the Umbrella of APTRON Solutions. The official also informed students regarding various jobs opportunities present in current market scenario both in public and private sector.

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The students then visited the APTRON Labs and server rooms where they saw the real time implementation and maintenance of racks and routers. During the lab visit, **Mr. Yogendra** also explained the students about various networking devices such as firewalls, routers, switches, hubs etc. He also explained the ways to connect these devices and maintain them with the help of various networking commands.

The students also learnt to identify the ability of network infrastructure that supports its applications and how it is affecting the overall experience for users. **Mr. Yogendra** also discussed how the world is making legacy and network technologies work together. With the help of an example, he also explained connecting several computers in a LAN with the help of a switch, installs IP addresses to the computers and managing them with only one machine and IOS.

The visit concluded with an interactive questions and answers session in which students raised questions and their doubts on the topic which were cleared by experts. Certificate of participation was distributed among the students. The industrial visit to **Aptron Solutions Pvt. Ltd.** proved to be very enriching for the students.





Link of the Event :


https://gnindia.dronacharya.info/events/Aptron_Solutions_2016.aspx?Month=Nov&Year=2016

Name of the Event : SHAHEED DIWAS - 2017

Date of the Event : 30-01-2017

No. of Participants : 3

Summary of the Event :


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On **30th January 2017**, the volunteers of **Youth Action Group and NSS Wing of Dronacharya Group of Institutions (DGI), Greater Noida** observed **Shaheed Diwas** in memory of freedom fighters who were martyred in India's freedom struggle. The event was observed by the students of **DGI, Greater Noida** in association with **Nehru Yuva Kendra, Gautam Buddh Nagar**.

During the opening address, **Director, DGI, Greater Noida Prof. S. K. Bagga** highlighted the achievements of Gandhi ji s and the role of his ideologies in the present day. He also narrated stories of some freedom fighters who sacrificed their lives. Speaking on the occasion, the Chief - Guest **Mr. U. P. Singh, Deputy Director, Nehru Yuva Kendra** explained Gandhi ji s role in the freedom struggle. **Guest of Honour Dr. I. D. Singh Yadav, Associate Professor, Govt. P. G. College, Noida** talked about the contribution of Youth in Nation Building.

Prof. D. V. Bhise, HOD - Department of Mechanical Engineering highlighted the concepts of non - violence, self - sufficiency and universal welfare as presented by the Father of Nation.

Dr. Aditi Paul, HOD - Department of Information Technology talked about the Gandhian Philosophy as applicable to education and discipline. She further discussed the relevance of Gandhian thoughts with the audience.

Paying tribute to the Father of Nation and other freedom fighters, students **Gurleen Kaur, Apratim, Jagriti, Akanksha Pokhriyal and Kunal Chopra** shared their thoughts. **Divya Chaturvedi** recited one of **Bapu s** favourite melodious bhajan.

The Homage ended with a Vote of Thanks delivered by **Dr. Sunil K. Mishra**, Coordinator, **DGI NSS Wing**.



Link of the Event :

https://gnindia.dronacharya.info/events/Shahed_Diwas_2017.aspx?Month=Jan&Year=2017

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Name of the Event : industrial visit to PS AGRITECH PVT. LTD., Sikandrabad

Date of the Event : 23-02-2017

No. of Participants : 1

Summary of the Event :

An industrial visit to **PS AGRITECH PVT. LTD., Sikandrabad** was organized by **Department of Mechanical Engineering, Dronacharya Group of Institutions, Greater Noida** under on **23rd February 2017**. Twenty students of 4th Semester Mechanical Engineering along with **Prof. T Bothichandar** visited the Industry.

Mr. P. S. Chauhan - Director of the company and **Mr. Om Prakesh - Manager, PS AGRITECH PVT LTD, Sikandrabad** welcomed the students and briefed them about the company.

Mr. Om Prakesh, discussed the significance of forging practice. He showed and explained different forging operation like **bell drop forging, warm forging**, and **cold forging**, as well as **open die forging** and **closed die forging**.

While explaining the application of forgings, he said that drop forgings are used by industries such as automotive, agriculture, construction, hardware, mining, material handling and manufacturing. Products produced by drop forging include crank shafts, stub - axles, gears, chains, hooks, shackles, bolts, rods, medical implants, suspensions and general industrial equipment. Many hand tools have "**Drop Forged**" boldly imprinted on them to indicate their added strength and durability as a result of the forging process.

He further added that closed die forging is used for applications that require high quality components. People turn to closed die forgings when their project requires strength, reliability, and resistance to fatigue. Because of this, closed die forging is an appealing manufacturing process for numerous industries.

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Most metals and alloys can be forged through the closed die process. Closed die forgings of steel, stainless steel, titanium, aluminum, and other alloys can produce an unlimited variety of 3-D shapes in a wide range of weights and sizes. As a result, this is one of the best processes for complex shapes that require elaborate designs.

Students took keen interest in acquiring the knowledge of Manufacturing Science and Forging Technology as well as technical specifications of drop forging operations.

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SAEINDIA
Society of Automotive Engineers INDIA

Industrial Visit to
PS AGRI TECH PVT. LTD
(Machinery & Machinery Parts Manufacturers)

Organised by
SAE INDIA Collegiate Club
Dronacharya Group of Institutions, Greater Noida

on
23rd February, 2017 www.gnindia.dronacharya.info



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Link of the event :

<https://gnindia.dronacharya.info/events/PSAgritech.aspx?Month=Feb&Year=2017>

Name of the Event : Industrial Visit to Jaypee Cement Grinding Plant, Sikandrabad

Date of the Event : 23-02-2017

No. of Participants : 1

Summary of the Event :

Department of **Civil Engineering, Dronacharya Group of Institutions, Greater Noida** organised an Industrial Visit to **Jaypee Cement Grinding Plant, Sikandrabad** under the banner of **AGI (Association of Geospatial Industries)** on **23rd February 2017**. 33 students of 2nd Year, Civil Engineering Branch along with **Mr. Gyanendra Kumar**, Assistant Professor, DGI, Greater Noida visited the site.

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Students reached the plant at **10.00 AM** and were welcomed by **Mr. Tarun Chauhan (Engineering Instrumentation-Jaypee Cement)** along with **Mr. Adesh Tyagi (DGM, Plant)** and **Mr. Uttam Singh (Manager, HR)**.

Mr. Uttam Singh gave a brief about the Plant. He specifically stressed on safety aspects of the project and asked the students to adhere to the rules and regulations. He explained all the aspects of a cement plant including production and CCR (Central Control Room).

Mr. Adesh Tyagi briefed about the technical stages of cement production i.e. Mining, Blasting, Transportation of crushed lime stone to Grinding, Stacker and Reclaimer, Raw Mill, Pre-Heater, Kiln, Cooler House, Cement Mill and Packaging Yard of a standard Cement Plant. He also introduced students to the safety procedure which are followed within the plant.

Students were then taken to the material yard where Clinkers and gypsum were stacked. Best quality Gypsum is being imported from Pakistan which is most important part of the cement. **Mr. Tyagi** said that Gypsum is used in cement production for enhancing its setting time. Clinker is the main constituent of cement and it is being supplied by Himachal Pradesh Jaypee Cement plant where there are limestone mines.

Mr. Tyagi then accompanied students to the Clinker Hoper from where the clinker is transported to Cement Mill through conveyor belts (covered) where the clinker is grinded in a rotatory cement mill in which different diameters steel balls strikes together for fine grinding of the cement clinker along with gypsum. Cement mill is the most important part of the cement plant where cement is manufactured.

Students also visited Quality Control Lab where samples of the raw material are collected. The students got to know about the physical appearance of the Fly Ash, Clinker and the Steel Balls used in the cement mill.



Mr. Adesh Tyagi explained the plant management and scheduling of the various activities within the Plant i.e. the cycle time of the various activities and monitoring the same for effective management within stipulated time and money. He said that the consumption of power plays an important role in production of cement as the power will decide the production cost of a cement bag.

The students also got to know how the material used for the production is monitored regularly with the help of **CCR (Central Control Room)** where each process is monitored automatically with the help of computers.

Finally students visited the packaging yard where cement is stored, packed and loaded on trucks. The entire process of packaging is fully automated where the cement is filled in bags and transported to the designated truck for loading. There are enough cement silos where cement is stored when it is in abundance as cement plant runs throughout the year without stoppage. **Mr. Tyagi** informed that the Plant maintenance done once a year for proper functioning of the machines as it costs a lot to stop and start the production again.

The visit was very informative and full of new information where the students gathered valuable information.





Link of the Event :

<https://gnindia.dronacharya.info/events/JaypeeCement.aspx?Month=Feb&Year=2017>

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Name of the Event : seminar on “Importance of the Intestinal Micro Flora in Health and Disease” and “Role of Probiotics in Maintaining Good Health”

Date of the Event : 23-02- 2017

No. of Participants : 2

Summary of the Event :

NSS Wing of Dronacharya Group of Institutions, Greater Noida in association with **Yakult Danone India Pvt. Ltd.** organized a seminar on “**Importance of the Intestinal Micro Flora in Health and Disease**” and “**Role of Probiotics in Maintaining Good Health**” on **23rd February 2017** at **Dronacharya Group of Institutions, Greater Noida**. The objective of this session was to create an awareness amongst student regarding importance of Micro Flora for digestion.

The seminar was coordinated by **Mr. Madhwesh Upadhyay** and **Ms. Gurleen Kaur** from CSE first year.

The event began with the floral welcome of **Ms. Mahi Tyagi, Executive - Science, Yakult Danone India Pvt. Ltd.** by **Prof. (Dr.) S. K. Bagga, Director, DGI, Greater Noida**.

Ms. Mahi Tyagi started session with the discussion on usefulness of probiotics for Indian conditions. She said that Probiotics are live bacteria and yeasts that are good for our health, especially the digestive system. People usually think of bacteria as something that causes diseases, but our body is full of bacteria, both good and bad. Probiotics are often called "good" or "helpful" bacteria because they help keep ourself healthy.

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Ms. Tyagi pointed out that researchers are still trying to figure out which bacteria are best for certain health problems. Some common conditions they treat are **Irritable Bowel Syndrome, Inflammatory Bowel Disease (IBD), Infectious Diarrhea (caused by viruses, bacteria, or parasites), Antibiotic - related diarrhea etc.**

Talking about the pressure of Probiotics, **Ms. Tyagi** said that they are found in foods such as yogurt, while prebiotics are found in whole grains, bananas, onions, garlic, honey and artichokes. In addition, probiotics and prebiotics are also added to some foods and are available as dietary supplements.

The seminar came to an end with group photograph, distribution of yakult drink amongst all the participants and presentation of memento to **Ms. Mahi Tyagi** by **Prof. B. L. Kaul, Registrar, DGI, Greater Noida.**





Link of the Event :

<https://gnindia.dronacharya.info/events/MicroFlora.aspx?Month=Feb&Year=2017>

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Name of the Event : Industrial Visit to National Small Industries Corporation Limited, Okhla

Date of the Event : 16-02-2017

No. of Participants : 2

Summary of the Event :

An Industrial Visit to **National Small Industries Corporation Limited (NSIC)**, Okhla was organized by **Department of Computer Science & Engineering, Dronacharya Group of Institutions, Greater Noida**. The visit was organised by **DGI CSI Student Chapter** on **16th February 2017**. A group of 47 students of 4th semester from various departments (CSE, IT, CSIT & MBA) along with two faculty members **Ms. Shalini Sharma, Head of the Department (CSE)** and **Ms. Monu Singh, Assistant Professor (CSE)**, visited the **National Small Industries Corporation Limited**.

National Small Industries Corporation Limited (NSIC) is a PSU established by Government of India in 1955. It is an ISO 9001 - 2008 certified Government of India Enterprise under **Ministry of Micro, Small and Medium Enterprises (MSME)**. NSIC has been working to fulfil its mission of promoting, aiding and fostering the growth of Micro, Small and Medium Enterprises. It also offers an insight into self - employment opportunities and develops confidence to become self - employed by providing hands - on training on working projects.

The **objective** of the visit was to disseminate entrepreneurship skills among students and creating awareness among them to adopt entrepreneurship as a career option.

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The industrial visit started with the introduction session in which NSIC State Manager briefed about “**INCUBATOR**”. He said that unemployment is one of the main problems of the country. This problem can be solved only by adopting self-employment. He also briefed about **Prime Minister’s Employment Generation Programme (PMEGP)**. He then showed students the machines that they have and also told about the processing cost of that machines, cost of raw material that is used by those machines, cost of machine itself and some of the small scale projects which were currently going on like Tissue Paper Roll, Soya Milk, Tomato Ketchup, Socks Knitting etc. He said that NSIC also provides certified courses of entrepreneurship training of six weeks. In this course they provide the whole knowledge about how to set up the industry, how to get the good marketing strategy, from where to get raw material etc.

Students were then taken to the Seminar Hall where **Mr. Abdul Khader** gave a presentation on “**Entrepreneurship Orientation Program**” in which he told the difference between businessman and entrepreneur. He also explained the qualities of a good entrepreneur. He briefed about **Training Cum Incubation Centre, Make in India** and **Digital India** initiatives of our Prime Minister to create digital empowered society. **NSIC** even helps the entrepreneurs to get loan facilities and supports in several other ways.

Students were excited on having a wonderful exposure which provided them a practical insight on how they can plan of setting up of their own ventures and the resources of assistance.

The visit concluded with an interactive QA session.

The visit of NSIC motivated the student to think of career in entrepreneurship and exploring the possibilities of a number of low cost profitable projects having enormous government support for the setup and operation.



Link of the Event:

https://gnindia.dronacharya.info/events/Industries_Corporation_2017.aspx?Month=Feb&Year=2017

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Name of the Event : Training on “vCampus”

Date of the Event : 6-03-2017 & 7-03-2017

No. of Participants : 4

Summary of the Event :

CSI Student Branch - Dronacharya Group of Institutions, Greater Noida organised a Two Day Training on “vCampus” which was conducted by **Ted Consulting, Noida** on **6th & 7th March 2017**. **Fifty Five (55)** students of CSE & CSIT Second Year attended the workshop.

The objective of the workshop was to create awareness among the students on vCampus module and enhancing their knowledge in Web application developments and profile - creation on vCampus module.

The program was coordinated by **Ms. Shalini Sharma (SBC - CSI DGI Chapter)**, **Mr. Manoj Kumar Yadav** (Assistant Professor, CSE Department) and **Mr. Apraitm Kumar Singh**, student of CSE Second Year.

The session started with the floral welcome of **Mr. Aurbind Sharma, Managing Director** and **Mr. Vikas Pandey, Senior Trainer - Ted Consulting**, by **Prof. (Dr.) S. K. Bagga, Director, DGI, Greater Noida**.

Day 1: 6th March 2017

Mr. Aurbind Sharma explained the significance of the web applications and the importance of vCampus cloud. **Mr. Vikas** explained the **Hypertext Markup Language (HTML), Cascading Style Sheets (CSS)** and web page development procedure. He also explained the registration process on **Dronacharya.edu.in** to host a page.

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Day 2: 7th March 2017

On the second day, the session started with a recap of the first day. **Mr. Vikas** guided the students to advance level of hands-on training with the use of various add - on tools of the vCampus portal. He also explained PHP and Java-Script concepts and their applications on web designing.

The workshop was interactive, informative and provided an opportunity to learn web development application.



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Link of the Event :

https://gnindia.dronacharya.info/events/vCampus_Training_2017.aspx?Month=Mar&Year=2017

Name of the Event : visit to IIT Delhi - Open House 2017

Date of the Event : 22-04-2017

No. of Participants : 2

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized a visit to ***IIT Delhi - Open House 2017*** on ***22nd April 2017***. ***Dr. Gurpreet Kaur*** and ***Mr. Dinesh Kumar***, Assistant Professor, Department of Applied Science and Humanities, along with 30 First Year students from B. Tech. visited the 13th Open house event.

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The **Open House 2017** was inaugurated by **Prof. V. Ramgopal Rao, Director - IIT Delhi**. **Prof. Rao** said that Open House is dedicated to provide an insight into path-breaking research work, student projects and the numerous advanced facilities and laboratories available in IIT Delhi. It serves a real treat to the eyes of the connoisseurs by presenting finest of the projects to technology enthusiasts, students and colleagues from other Technical Institutes, School Children, Industries and General Public. He pointed out that the idea of organizing the Open House is to inspire and motivate everyone, especially the young, to get to know more about science & Technology.

After the inauguration there were several sessions on Startups and Industry Interactions. **Prof. Subrat Kar, Professor - Electrical Engineering, IIT Delhi** conducted sessions on:

1. After Class 12th, Is Engineering my option?
2. I am doing engineering, Now What?

IIT Delhi students had put up several innovative projects on display. The highlights were:

Breathalyzer Helmet - gets three birds with one stone. First, it requires the helmet to be put on and the buckle to be clipped, or the rider will not be able to start the bike. Next, it analyses breath for alcohol, and depending on the level of alcohol content, either starts or stops the bike. The helmet is also fitted with a Bluetooth Encryption System that can alert the owner if the bike has been stolen. All this is economical, and easily integrated into the bike.

Study India - chip developed to mark the attendance and save the time of professors as well as student.



Driverless Bicycle - for the disabled. An ordinary cycle transformed into a hybrid driverless bicycle that works partly on electricity for people who have physical disabilities such as blindness or amputated limbs. Its features include live tracking and wireless connectivity.

Reusable Piezo Sensor - this is used in bridges to find the corrosion rate and severity of corrosion damage.

It was an informative, interesting and a successful visit which gave the students an insight to develop innovative project for society in affordable cost.



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Link of the Events :

[https://gnindia.dronacharya.info/events/IIT Delhi Open House 2017.aspx?Month=Apr&Year=2017](https://gnindia.dronacharya.info/events/IIT%20Delhi%20Open%20House%202017.aspx?Month=Apr&Year=2017)

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Name of the Event : Visit to Foundation for Innovation and Technology Transfer (FITT) IIT Delhi

Date of the Event : 10/4/2017

No. of Participants : 4

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized a visit under the aegis of **DGI Entrepreneurship Development Center** to **Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology, New Delhi** on **10th April 2017**. Seventeen Students from CSE, IT, ME and ECE departments along with four Faculty Members **Mr. Sunil Kumar, Mr. Vibhooti Narayan Mishra, Ms. Shilpi Jain** and **Ms. Monu Singh** visited the incubation centre.

The purpose of this visit was to create awareness about Technology Incubation and Commercialization of R & D products and processes.

Mr. P. Somarajan, Executive Consultant - Business Development, FITT Delhi, welcomed the students and introduced **FITT**, its market perspective and origin of the institute. He said that **FITT** is an industrial interface organization which was established on **9th July 1992** at the **Indian Institute of Technology Delhi (IIT Delhi)** as a Registered Society. The mission of FITT is to be an effective Interface with the Industry to foster, promote and sustain commercialization of Science and Technology in the Institute for mutual benefits. For over twenty years now, FITT has been an interface between the Institute and the industry and has been devising innovative ways to create partnerships and linkages with business and community to enable knowledge transfer for common good. **Prof V Ramgopal Rao, the Director IIT Delhi** is the **Chairman of FITT** and **Dr. A. Wali** is the **Managing Director** of FITT.

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Mr. Somarajan stated that Incubation program ensures that an individual seeking to start or promote the growth of their enterprise has easy access to the knowledge, experience in management and financial resources. He discussed the evolution of technologies and its growth. Why and which technology should be selected matters a lot because in this rapid changing era not a single technology stay for a longer time. One should regularly try to update his / her knowledge about that technology. He also focused on facilities provided by FITT. He mentioned two units of FITT; one is technology based and other one is biological based. He also pointed out that only 20 start-ups are incubated at one time and provided funding for two years.

There was an interactive questions and answers session in which students raised questions and their doubts regarding incubation which were addressed by **Mr. Somarajan**.

Mr. Ashutosh Pastor, In Charge - Biotechnology Business Incubation Facility, FITT introduced the biological labs. He said that FITT is going to start a new campus at Sonipat which will be much larger than FITT campus. **Mr. Pastor** said that incubator team must have one member from any IIT's. Applicants can submit their proposals on the FITT website. An independent panel of subject matter experts established by FITT will review and shortlist the potential incubates. He also introduced the student with incubators who are working there on **Super Bucks diagnostic kit** which determines buck within 3 hour. He also discussed some of the Technology Business Incubation Unit currently running under FITT:

1. **Dr. Sarita Ahlawat**
2. **Aquasense Pvt. Ltd**
3. **Creditas Solutions Pvt. Ltd**
4. **Luminasic Pvt. Ltd.**
5. **Omnia Information Pvt. Ltd.**
6. **Vizara Technologies Pvt. Ltd.**

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After healthy discussion, students visited the **FITT Labs**. The students had an opportunity for one to one discussion with many of the entrepreneurs.

The visit came to an end at **1:30 PM**. It was an informative and successful visit.



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Link of the Event :

https://gnindia.dronacharya.info/events/FITT_2017.aspx?Month=Apr&Year=2017

Name of the Event : An Educational Tour To Indian Institute of Remote Sensing (IIRS), Dehradun

Date of the Event : 7/4/2017

No. of Participants : 3

Summary of the Event :

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An Educational Tour to **Indian Institute of Remote Sensing (IIRS), Dehradun** was organized by **Dronacharya Group of Institutions, Greater Noida** on **7th April 2017**. 21 students of B. Tech. Second Year from different Branches who successfully completed the **19th IIRS Outreach Programme** on “**Remote Sensing and GIS Applications in Carbon Forestry**” during **16th February - 9th March 2017** along with faculty members **Dr. Somnath Sinha, Dr. Abhishek Swami** and **Ms. Rashmi Gupta, DGI Greater Noida** visited IIRS.

The main objective of the visit was to make students aware of IIRS function and its Outreach Programs.

Dr. Puneet Swarup Saxena - Senior Scientist, IIRS welcomed the students and gave a brief of activities of IIRS. He said that IIRS, established in 1966 under **Indian Space Research Organization (ISRO)**, Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GPS Technology for Natural Resources, Environmental and Disaster Management. IIRS provides support to conduct all its remote sensing and GIS training & education programs at postgraduate level.

In his lecture, **Dr. Saxena** focused on India’s achievements in space. He said that India has the following 4 space systems following as:

1. **India Remote Sensing Satellite**
2. **Indian communication & meteorological Satellite**
3. **Indian navigation Satellite**
4. **Space Science & Planetary Exploration Satellite**

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Dr. Saxena also discussed remote sensing satellite and communication satellite. He said that remote sensing satellites are being used for defense related purposes to detect enemy planes and aircrafts. While Communication satellites are those satellites which are being used for all sorts of communication (mobile phone, DTH or Internet facilities).

Dr. Vinay Kumar - Senior Scientist (Planetary Science Research Discoveries), IIRS described the history of remote sensing. He said that remote sensing began with the invention of photography and informed the following development:

1. 1827 - First picture of nature was taken
2. 4th October 1957 - Sputnik 1, the first artificial Earth Satellite was launched
3. 1st April 1960- First weather satellite, TIROS-1 launched by NASA
4. 1972- Launch of ERTS-1 (the first Earth Resources Technology Satellite ,later renamed Landsat 1)

At the end of his lecture, **Dr. Kumar** explained the process of remote sensing with some photography and also described its future.

Dr. Harish Karnatak, Scientist - SF & Head explained about different EDUSAT and e-learning program and importance of Distance Learning Program in IIRS.

Students took keen interest in acquiring the knowledge of remote sensing as well as its working principles. The visit to IIRS, Dehradun proved to be very enriching for the students.

After the completion of IIRS visit, students enjoyed their journey back to **DGI, Greater Noida** through **Mussoorie and Haridwar**.



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**Visit to
IIRS, Dehradun**

 **INDIAN INSTITUTE OF REMOTE SENSING**
Indian Space Research Organisation
ISO 9001:2008 

Date: 7th April 2017

www.gnindia.dronacharya.info



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Link of the Event :

https://gnindia.dronacharya.info/events/IIRS_2017.aspx?Month=Apr&Year=2017

Name of the Event : Industrial Visit on ECO - VISION Pvt. Ltd., Greater Noida

Date of the Event : 7/4/2017

No. of Participants : 2

Summary of the Event :

An Industrial Visit to **ECOVISION Pvt. Ltd., Surajpur, Greater Noida** was organized by **Department of Civil Engineering, Dronacharya Group of Institutions, Greater Noida** under the aegis of **Association of Geospatial Industries (AGI)** on **7th April 2017**. Four students from 1st Year Civil Engineering and Twenty Seven students of 2nd Year Civil Engineering along with **Ms. Deepti Singh, Assistant Professor - Department of Civil Engineering** and **Mr. Anurag Sharma, Assistant Professor - Department of Mechanical Engineering** visited the Industry.

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Mr. Avadhesh Srivastava-General Manager and **Mr. Manoj - Chief coordinator** from **ECOVISION Pvt. Ltd.** welcomed the students. **Mr. Avadhesh** gave an overview of the products exclusively developed and manufactured by Eco-vision Limited. He explained the process for the production of **Eco - friendly Fly - ash Bricks** manufactured at the site. Use of Fly-ash as a raw material in bricks production is the new concept. Fly-ash is the waste material of thermal power plants. He explained the difference between these new bricks and the pre-existing red bricks that are being used since years. He briefly explained the various factors related to the fly-ash bricks i.e. use, difference from other types of Bricks in Strength, Workability, Mix Proportions, Weight and Cost.

Mr. Manoj explained the vision of the firm, Eco-Vision is an initiative to restore the balance and harmony with nature's elements; creating an Organization Endeavoring for a Greener World. He said that Eco-Vision started in 1998 from a rented barren land. Today the organization has a wide platform from mining, crushing and production range of Eco Friendly, Cost Effective, Sustainable, Customized, Construction and Home Decor Solutions.

Further, **Mr. Manoj** continued the session with the discussion on the production process of various products like paver blocks, domes, vitrified tiles, locking blocks along with the machinery used. He laid emphasis on the material availability along with the ecofriendly production of the bricks i.e. without use of kilns. **Mr. Manoj** demonstrated products manufactured at the site like tiles and pavers available in all shape, designs and color according to the need of the market and the customer. Session concluded with discussion on doubts and queries raised by students.

The visit was useful and students took keen interest in learning the production techniques of new types of low cost, eco-friendly construction materials. Students got a glimpse of domes, pavers and tiles in different shapes and sizes present at the site.



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INDUSTRIAL VISIT TO
ECO - VISION

ON
7th April, 2017

UNDER THE AEGIS OF




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Link of the Event :

[https://gnindia.dronacharya.info/events/ECO_VISION_2017.aspx?Month=Apr
&Year=2017](https://gnindia.dronacharya.info/events/ECO_VISION_2017.aspx?Month=Apr&Year=2017)

Name of the Event : industrial visit to BOSCH Training Center, New Delhi

Date of the Event : 5/4/2017

No. of Participants : 2

Summary of the Event :

An industrial visit to **BOSCH Training Center, New Delhi** was organized by the **DGI SAEINDIA Collegiate Club** and **ISTE Student Chapter, Dronacharya Group of Institutions, Greater Noida** on **5th April 2017**. Twenty Three students from 1st Year along with two faculty members **Mr. Gaurav Siwal, Assistant Professor - Mechanical Engineering Department** and **Dr. Gurpreet Kaur, Assistant Professor - Applied Sciences Department** accompanied the students.

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Mr. Parag Kavthekar - Regional Trainer and **Mr. Sandeep Kumar, Trainer - BOSCH Training Center** welcomed the students. **Mr. Kavthekar** gave an overview of the products exclusively developed and manufactured by BOSCH Limited. He motivated the students and discussed the scope of their respective discipline in Automobile Industry.

Mr. Sandeep Kumar explained the Fuel Tank, Fuel Supply Pump, Filter, Fuel Injection Pump, Overflow Valve, Nozzle, Holder Assembly, Return Valve, Fuel Injection Equipment like Combustion Chamber, CRDI - Direct Injection, IDI (Indirect Injection), TDI (Turbo Diesel Injection) and Fuel Filters.

Mr. Kumar demonstrated the **Petrol Engine** and **Diesel Engine** and explained the components of Injection, Ignition, Engine and Exhaust System. They were also shown the testing equipments for diesel engine and electronic circuit testing.

The visit was very useful which provided the students with an opportunity to learn the technology of automobile industry




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Link of the Event:

https://gnindia.dronacharya.info/events/BOSCH_Training_2017.aspx?Month=Apr&Year=2017

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Name of the Event : Hypertension Awareness Talks and Health Checkup Camp

Date of the Event : 30-05-2017

No. of Participants : 4

Summary of the Event :

NSS Wing of Dronacharya Group of Institutions, Greater Noida in association with **Rotary Club of Green Greater Noida** organized a **Hypertension Awareness Talks and a Health Checkup Camp** on **30th May 2017**.

The objective of the health camp was to create awareness among the public regarding the causes, prevention and control of **Diabetes** and **Blood Pressure**. Creating awareness among the public has demanded important attention as rapid increase has been noticed in the number of people having high blood pressure and sugar level.

The camp was inaugurated by **Rtn. Subhash Jain, District Governor Nominee, Rotary Club** and **Prof. S. K. Bagga, Director Dronacharya Group of Institutions, Greater Noida**. The program started with a bouquet presentation by **Dr. S. K. Bagga** to:

1. **Rtn. Kapil Gupta, President, Rotary Club of Green Greater Noida.**
2. **Rtn. Kuldeep Garg, Assistant Governor, Rotary Club of Green Greater Noida.**
3. **Dr. Amit Gupta, Director, Tulsi Multispeciality Clinic and Diabetes Center, Greater Noida.**
4. **Dr. Sauav Srivastava, Sharda Hospital.**

Dr. Amit Gupta began his session with recent National and International facts on diabetes and Hypertension.

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Dr. Gupta informed the audience that one out of three adults will have high Blood Pressure / Hypertension, but only 21% will be aware about it. There are no symptoms to this disease. Many people have it for years without knowing it. This is why high blood pressure is also called the "silent killer". Uncontrollable high blood pressure can lead to stroke, heart attack, heart failure or kidney failure.

Rtn. Subhash Jain motivated the students to take up social work along with their studies. He asked them to be Techno-friendly but at the same time he asked them to practice physical exercise too.

Dr. Abhishek Swami, Coordinator DGI NSS Wing delivered the Vote of Thanks, **Prof. (Dr.) S. K. Bagga** presented the Memento to the Guests.

After the session a Checkup Camp of Blood Pressure and Blood Sugar was organized. 172 Students, Faculty, Staff participated in the health checkup camp.

Students **Madhvesh Upadyay** and **Dravid Nagi**, coordinated this mega health checkup camp.

International Society of Hypertension

MAY MEASUREMENT MONTH

DID YOU KNOW 10 MILLION PEOPLE DIE EVERY YEAR BECAUSE OF HIGH BLOOD PRESSURE?

Time : 10 AM TO 2 PM
Tuesday, 30 May 2017

Venue :
Dronacharya Group of Institutions
Greater Noida

TAKE CONTROL OF YOURS!
GET FREE CHECK-UP OF
• BLOOD PRESSURE • BLOOD SUGAR

Camp Under Supervision of Expert Team from
Tulsi-Multispeciality Clinic
Sector-Gamma-2, G-849, Greater Noida
G.B.N Programme Co-ordinator
Dr. Amit Gupta

ROTARY CLUB OF GREEN GREATER NOIDA
in association with
DRONACHARYA
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AWARENESS SESSION ON HYPERTENSION

Session by: Dr. Amit Gupta | Dr. Saurabh Srivastav
Time : 10 AM , Tuesday, 30 May 2017
Venue : Dronacharya Group of Institutions, Greater Noida

Chief Guest: Rtn. Subhash Jain (Distt. Governor Nominee)
Guest of Honor: Rtn. Kuldeep Garg (Assistant Governor)

ROTARY CLUB OF GREEN GREATER NOIDA
in association with **DRONACHARYA** Group of Institutions

Club ID: 87555 Distt. 3012




न्यूज डायरी

172 छात्रों ने करवाई निःशुल्क जांच

ग्रेटर नोएडा (ब्यूरो)।
रोटरी क्लब ग्रीन ग्रेटर
नोएडा की तरफ से नॉलेज
पार्क स्थित द्रोणाचार्य
कॉलेज में मंगलवार को
हाइपरटेंशन जागरूकता पर
संमिना व चिकित्सा शिविर
का आयोजन किया गया।
शिविर का उद्घाटन सुभाष
जैन और संस्थान निदेशक
डॉ. एसके बग्गा ने किया।
तुलसी क्लीनिक के डॉ. अमित गुप्ता व डॉ. सीरव श्रीवास्तव ने छात्रों
व स्टाफ को जागरूक किया। टेंशन से कैसे बचें, इसके उपाय बताए।
वहीं कैंप में 172 छात्रों के स्वास्थ्य को जांचा गया।

Link of the Event :

https://gnindia.dronacharya.info/events/Hypertension_Awareness%20.aspx?Month=May&Year=2017


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Name of the Event : International Yoga Day

Date of the Event : 21-06-2017

No. of Participants : 5

Summary of the Event :

In an endeavor to participate actively in the **International Yoga Day, NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized a **Yoga Session** in association with **Patanjali Yogpeeth** and **The Art of Living** on **21st June 2017** for the students, teachers and staff members. Main objective of this program to develop the habit of **Yoga & Meditation** among youngsters so that they can enjoy more peace of mind and self-awareness, which is essential for a stress-free existence.

Session started with the floral welcome of **Mr. Madhukar Sharma**, Yoga Expert-Patanjali Yogpeeth and **Mr. Aarnav Sharma**, Yoga Expert-The Art of Living by **Prof. S.K. Bagga, Director, Dronacharya Group of Institutions, Greater Noida.**

On this Occasion **Prof. S.K. Bagga** said that Yoga is not only a physical exercise where you twist, turn, stretch, and breathe in the most complex ways but these are actually only the most superficial aspect of this profound science of unfolding the infinite potentials of the human mind and soul. **Prof. Bagga** also said that yoga leads to the healthy development of mind, body and soul by mastering certain **Yoga Postures** and **Asanas** with breathing techniques.

Mr. Madhukar Sharma demonstrated **Asanas** such as **Urdtadasan, Vrukshasan, Trikonassan, Urdchakrasan, Vajrasan, Shashkassan, Urdhmachundrasan, Padahastasan, Urdhhastasan, Shetubhadasan, Pawan puktasan, Shawasan.** He also explained the manner in which they are to be performed, the precautions to be taken and the likely effect they have on the body and mind.

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After **Asanas** session **Mr. Aarnav Sharma**, taught the Pranayama for longevity. **Mr. Sharma** also demonstrated various types of meditation to improve **Concentration and Memory**. This was followed by **Pranayama** such as **Bhastrika, Kapalbhati, Anulom-vilom** and **Brahmari**.

All the **Asanas** and **Pranayamas** were enthusiastically done by the students, teachers and staff members.

The event successfully completed with memento presentation to the **Yoga Experts**. The program ended with a pledge that each and every participant will start practicing Yoga from now onwards and motivate others as well.

The program was coordinated by **Mr. Dravid Nagi** and **Mr. Madhvesh Upadhyay**, students of CSE first year.









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INTERNATIONAL
YOGA DAY
FOR WORLD PEACE



PATANJALI



THE ART OF LIVING

IN ASSOCIATION WITH

21st June 2017

Venue :- Dronacharya Group Of Institutions, Greater Noida



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Link of the Event :

https://gnindia.dronacharya.info/events/International_Yoga_2017.aspx?Month=Jun&Year=2017

Name of the Event : Industrial visit to Moon Beverages Limited

Date of the Event : 21-09-2016

No. of Participants : 1

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized an Industrial Visit to MOON Beverages Limited, Ghaziabad on 21st September 2016. 45 students of B.Tech 1st Year (ME and CE branch) along with Dr. Neeraj Bala and Mr. Atul Sharma visited MOON Beverages Limited, Ghaziabad. The objective of the visit was to enhance technical and practical knowledge about manufacturing and production of Cola Products (Beverages), like Bottles, Cans, etc.

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Link of the Event: <https://sway.office.com/MzcOsUfjjCU8HBqd>

Name of the Event : Industrial trip to Advanced Level Telecom Training Centre (BSNL)

Date of the Event : 26-10-2016

No. of Participants : 1


Summary of the Event :

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One day industrial trip to Advanced Level Telecom Training Centre (BSNL), Ghaziabad was organized by Dronacharya Group of Institutions, Greater Noida on October 26, 2016. 33 students from the department of CSIT, IT, ECE and EEE took part in the visit. The students were accompanied by Ms Gargi Amoli, Assistant Professor, Information Technology and Mr Nitin Kumar, Assistant Professor, Electronics and Communication Engineering. The objective of the visit was to familiarise the students with the field work in the telecommunication industry.



Link of the Event: <https://sway.office.com/Cb1nQxfZybXhpo3l>



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Name of the Event : Faculty Development Program on "Control of Pneumatic Valves"

Date of the Event : 29-12-2016 To 09-01-2017

No. of Participants : 6

Summary of the Event :

A Faculty Development Program on "**Control of Pneumatic Valves**" on **FESTO workstation kit** was organized by Mechanical Engineering Department of **Dronacharya Group of Institutions, Greater Noida**. **Ms. Nisha Bhatt, Assistant Professor DGI Greater Noida** conducted the FDP . **Mr. Brijesh Verma** and **Mr. Anurag Sharma** faculty Mechanical Engineering Department of attended the training.

The main objective of the training was the quality enhancement of faculty member so that they can enlighten engineering students to meet current technological demands of industries in automation fields.

Day 1: 29/12/2016

Ms. Nisha Bhatt started training with introduction of valves used in automation industries. She explained the comparison of mechanical, electric, hydraulic and pneumatic valves and told pneumatic valves are very much safer and less hazardous than the other control valves. Then she discussed various symbols and notations for different components used in pneumatic controls. Further she told three phase of training; Pure Pneumatic controls, Electro pneumatic controls and PLC pneumatic control.

On first day she explained direct and indirect control of single and double acting cylindrical valves. Faculty members had hands on practices on the above training session.

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Day 2: 30/12/2016

On second day faculties started training with hands on practices. They also did practices on assigned exercises. Further **Ms. Nisha Bhatt** gave training on logic gates (AND, OR) used in valves. She also explained memory circuit and speed control circuit by using flow control valves.

Day 3: 06/01/2017

Third day started with practice of electro pneumatic direct control of single acting cylinder and double acting cylinder followed by practice of "AND" and "OR" logics. Next **Ms. Nisha Bhatt** explained the **PLC (Programmable Logic Control)** and its advantages over pneumatic and electro pneumatic controls. Then she explained, programming software of PLC and how to load it into machine memory. Further she trained the faculty member, the PLC Control of single acting cylinder and double acting cylinders with hand on practice followed by logical controls of the single and double acting cylinders.

Day 4: 07/01/2017

The training program on fourth day started with practice session of PLC programs on **FESTO training unit**. Both trainee were able to understand the application of NOT logic and combined logic through the exercise. Further **Ms. Nisha Bhatt** explained function of timer through PLC. The training ended with hands on practice of few practical problems.



Day 5: 09/01/2017

On last day both faculty member did hands on practice on timer function in **PLC control unit**. Then **Ms. Nisha Bhatt** explained the use of different sensors in pneumatic control valves. After that she told about reed switches. We also learned sequencing of pneumatic control valves by using roller and reed switches. At the end our trainer explained the function of counter through PLC. The training ended with hand on practice on real problems.

The training program was knowledgeable and informative which helped faculty member to broaden the horizon of their understanding on pneumatic valves in automation field.





Link of the Event :

https://gnindia.dronacharya.info/events/Control_Pneumatic_2016.aspx?Month=Dec&Year=2016

Name of the Event : Faculty Training Program On Android Skilling

Date of the Event : 08-05-2017 To 12-05-2017

No. of Participants : 7

Summary of the Event :

A Faculty Training Programme on “**Android Skilling**” was organized in association with **Google** and **Dr. A.P.J Abdul Kalam Technical University, Lucknow, Uttar Pradesh** from **8th May to 12th May, 2017** at **I.T.S Engineering College, Greater Noida**. The objective of the programme was to help the faculty learn Android Operating System based Application Development and to equip them with the required skills and knowledge to teach the students. Faculties from various colleges attended the training programme.

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Ms. Sheetal Saigal-Assistant Professor, Department of Computer Science and Engineering from **Dronacharya Group of Institutions, Greater Noida** attended the training programme.

Day 1: 8th May 2017

Mr. Girish Kumar Shakya, CEO of Clairvoyant Software Solution started the session with the explanation of basics of Mobile Operating System Android, Installation of Android Studio, creating first Android App and deploying the app to an emulator and Android's basic user interface building blocks. He cited the examples of text view, edit text, scroll view, button, check box etc. Properties, creation and layout of views were discussed. The lifecycle of application component activity was also discussed. **Mr. Shakya** said that the activities are loosely tied together to make an App. Activities can be organized in parent-child relationships in the Android manifest to aid navigation. An intent was discussed which is a description of an operation to be performed, meant to start activities, start services and deliver broadcasts.

Mr. Shakya stated that Mobile Applications are increasingly playing a vital role in businesses with a larger customer base as well as workforce relying on the convenience of access on-demand to information and solutions. Apps analytics firm Flurry finding suggest that 80% of the mobile device time is spent on Apps. He stressed that since Smart Phones market is dominated by Android- based devices therefore, learning Android Apps development will be an added advantages for the students.

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Day 2: 9th May 2017

Mr. Shakya Started with the explanation of user input controls like buttons, dialogs, contextual menus, checkboxes etc. He explained how users interact with Apps, and navigates between activities. Various types of menus like App bar with options menu, contextual menu and pop – up menu were implemented. Generic Android Class – Drawable was discussed which is used to represent any kind of graphic. Image Asset Studio was also discussed. Styles were discussed which are collection of attributes that define the visual appearance of a view like color, font, font size etc. Testing methods of user interface like provide input to all UI views, check returned output and perform all user UI actions with views etc. were discussed.

Day 3: 10th May 2017

Mr. Shakya started with the training of steps to connect to Internet which includes – adding permissions to Android Manifest, checking network connection, creating worker thread, implementing background tasks and processing results. How to make a connection using third party library like Volley was discussed. Steps for creating Broadcast receiver were also discussed. An application component called Service that can perform long-running operations in the background and does not provide a user interface was covered. Notification which is a message displayed to user outside regular app UI was covered. Notifications can be viewed anytime in the notification drawer. All concepts were practically implemented.

Day 4: 11th May 2017

On the 4th Day, **Mr. Shakya** started with basic concepts of database like transaction, ACID properties, SQL Database and queries in SQL Database. Various types of storage options like files, internal storage, external storage etc were discussed. Internal storage is always available it uses device's file system whereas external storage is not always available, it can be removed.

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Internal storage is best when you are sure that neither the user nor other apps can access your files. External storage is best for files that don't require access permissions. Data connectivity in Android Studio is done using SQLite database. It is a primary storage for user or app data. Implementation of SQLite was done using the concepts of cursors. Database methods for executing queries were discussed. Other storage option like Firebase was discussed. Realtime database in Firebase was discussed in which data is synchronized in realtime to every connected client.

Day 5: 12th May 2017


Mr. Shakya started with the concepts of permission, performance and security. App must get permission to do anything that uses data or resources that the app did not create, uses network, hardware, features that do not belong to it, affects the behavior of the device or affects the behaviour of other apps. Permissions are listed in android manifest. Examples of permissions include permission to connect to the Internet, permission to use data from Content Provider, permission to access Wifi etc. Performance of an app depends upon its speed, responsiveness, smoothness, consistency and resource-efficiency. Android has built in security features. It keeps user's private data safe. It treats user's private data with integrity. Local files containing sensitive data is encrypted. If an app accesses personal information like passwords or usernames, it might need a privacy policy explaining how it uses and stores user data. Finally the steps were discussed for publishing the app, steps were like preparing the app for release, generating signed APK, uploading to Google Play, run alpha and beta tests and finally publishing it to the world. Android Application Package file (APK) is needed to publish an app on Google play. It is an executable file in which each Android application is compiled and packaged in a single file that includes all the app's code, resources, assets, and manifest file. To signup for Google Play, go to Google Play Developer Console, accept agreement, pay the registration fees, enter your details and publish your app on Google Play.



The programme concluded with the feedback on the course by the participants. Participants thanked the trainer **Mr. Girish Kumar Shakya** for conducting the valuable training session. His huge experience had helped participants to learn the technology.

Director of I.T.S. Engineering College **Dr. Vineet Kansal** also thanked the trainer and all the participants and ensured that all participants had well understood the course. He informed that soon AKTU will introduce the course in the curriculum and he hoped that each participant was now empowered to teach the course.




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Link of event :

https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&Year=2017

Name of the Event : Faculty Development Programme on Emerging Trends in Engineering, Sciences and Management

Date of the Event : 05-06-2017 To 16-06-2017

No. of Participants : 6

Summary of the Event :

A Faculty Development Programme on Emerging Trends in Engineering, Sciences and Management was organized at **Dronacharya Group of Institutions, Greater Noida** during **5th - 16th June 2017**.

The Programme commenced with the lighting of lamp and **Saraswati Vandana** in the morning on 5th June 2017.

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Welcoming the Faculty Members, **Prof. (Dr.) S. K. Bagga**, Director, Dronacharya Group of Institutions, Greater Noida explained how FDPs have become an integral part of academics. He said that the objective of conducting the **Faculty Development Programme (FDP)** was to equip teachers with skills and knowledge that are essential for inculcating values in students and guiding and monitoring their progress towards a bright future. He stressed that Faculty needs to update their understanding and knowledge from time to time. He advised the use of NPTEL lectures which have been designed and developed by IITs and IISc Bangalore, for effective teaching-learning.

The 10 days programme from **5th to 16th June, 2017** had been designed to be exciting and stimulating – the right blend of theory, visual presentations & animations and interactions that enthused and kept the teachers engaged as they learnt how to relate with the subjects being taught in other departments and integrate technology with education as well as how to be effective mentors, who will create and maintain the momentum of change in teaching-learning.

The programme concluded with the Valedictory Session on 16th June 2017.

All the participating Faculty members were awarded with certificates by **Prof. (Dr.) S. K. Bagga**, for conducting the session during the FDP.





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Faculty Development Programme

"Emerging Trends in Engineering,
Sciences & Management"

5th - 16th June 2017

Venue
Dronacharya Group of Institutions, Greater Noida

0120-2322022



Link of the Event :

https://gnindia.dronacharya.info/events/FDP_Emerging_Trends_Engineering_a_spx?Month=Jun&Year=2017

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Name of the Event : FDP on "Human Values and Professional Ethics

Date of the Event : 30-06-2016 To 07-07-2016

No. of Participants : 10

Summary of the Event :

A Faculty Development Program on **Human Values & Professional Ethics** was organized by **Value Education Cell, Dr. A P J Abdul Kalam University** from **30th June 2016 to 7th July 2016** at **ABES Engineering College, Ghaziabad**. The workshop was organized to train the teachers who would be teaching HVPE. The basic objective of the program was to give an overview of Human Values & Professional Ethics subject being taught in the university curriculum. **Ms. Swati Srivastava**, Assistant Professor of Management Department from **Dronacharya Group of Institutions, Greater Noida** attended the **FDP**.

Day 1: 30th June 2016

Mr. Saurabh Srivastava, Coordinator, inaugurated the program. **Dr. Manishi Mishra**, Facilitator shared some examples from his own life exploring the importance of Human Values in personal as well as professional life.

Day 2: 1st July 2016

Mr. Yogesh Jadav, Associate Professor, Facilitator from **Royal University of Bhutan** & Value Education Cell discussed the basic concepts of Human Values. He also discussed Role of Education in Holistic Development, giving some relevant examples. During the post lunch session, he showed his short movie on "**Story of the Stuff**".

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Day 3: 2nd July 2016

Er. Moti Chand Yadav, Facilitator, Value Education Cell discussed the process of Self - Exploration. He also discussed the way of exploring natural acceptance in our selves. During post lunch session, he shared a video on Right Understanding.

Day 4: 3rd July 2016

Mr. Yogesh Jadav discussed Happiness and Harmony. He said that the physical appearance is composed of both I & Body. The day concluded with a Short Movie on "**Havera Bazaar**".

Day 5: 4th July 2016

Mr. Jadav discussed Harmony at various levels, i.e Harmony in Self, Family, Society and Nature. He said that one should try to improve the continuity of Happiness at every level and phases of personal and professional life. During post lunch session, a group discussion was conducted between the participants of the Workshop.

Day 6: 5th July 2016

Mr. Pradeep Kumar, Observer from Krishna Engineering College discussed Competence, Over Evaluation, Under Evaluation and Other Wise Evaluation. **Er. Moti Chand Yadav** discussed differentiation on Body, Physical Facility and Society. The movie "**An Inconvenient Truth**" was shown during the post lunch session.



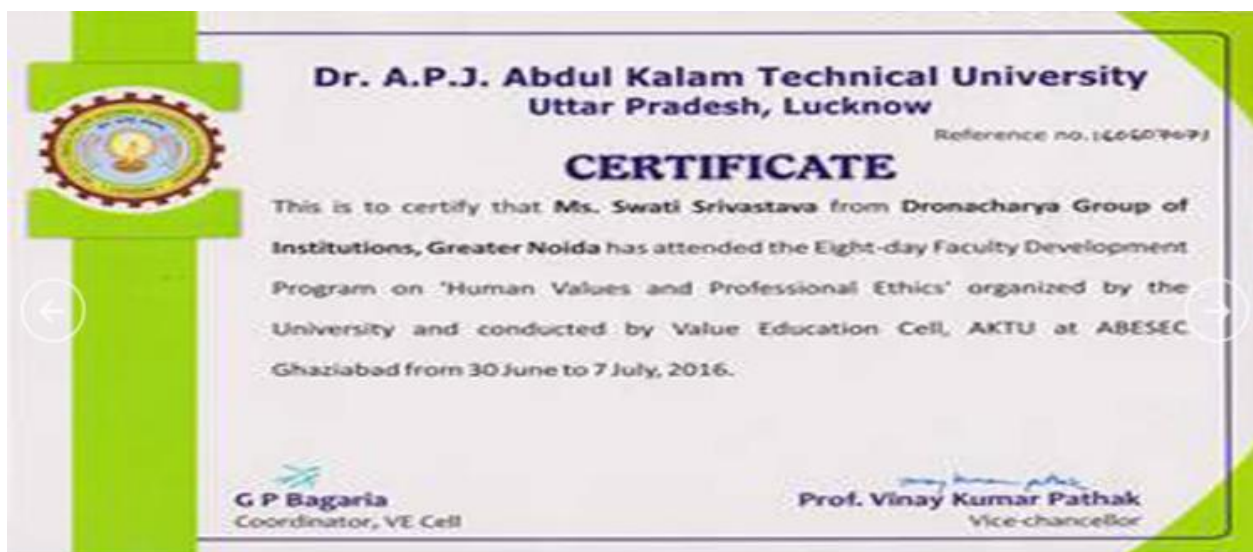
Day 7: 6th July 2016


Mr. Yadav discussed the five dimensions, i.e. Education, Health, Production, Justice and Exchange of Human Order. He also discussed Human, Animal, Pranic and Physical Order and there after explained how to achieve Sanyam and Shanti in our life.

Day 8: 7th July 2016

On the last day, **Mr. Bhanu Pratap Singh**, Coordinator, Value Education Cell discussed the planning of AKTU for expanding the importance of the "**Human Values & Professional Ethics**". He also evaluated the performance and participation of each participant after seeing their presentations.

The day ended with Certificate Distribution.




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Link of the Event:

https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&Year=2016

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Name of the Event : National Program on Technology Enhanced Learning (NPTEL) awareness workshop

Date of the Event : 2/7/2016

No. of Participants : 15

Summary of the Event :

IIT Madras organized a **National Program on Technology Enhanced Learning (NPTEL) awareness workshop** for **SPOC** on **2nd July 2016** at **IC & IR auditorium, IIT Madras**. Two faculty members **Ms. Prachi Agarwal** and **Dr. Aditi Paul** represented **Dronacharya Group of Institutions, Greater Noida** at the **workshop**. The objective of workshop was to take up the queries of the SPOCs and enlighten the new SPOCs who have joined the TEAM.

The National Programme on Technology Enhanced Learning (NPTEL), a project funded by the **Ministry of Human Resource Development (MHRD)**, provides e-learning through online Web and Video courses in Engineering, Sciences, Technology, Management and Humanities. NPTEL is a curriculum building exercise and is directed towards providing learning materials in science and engineering by adhering to the syllabi of All India Council for Technical Education and the slightly modified curricula of major affiliating Universities. It's lectures utilize a multitude of facilities of the video medium such as chalk - and - talk, tablet writing, power point, two and three dimensional animations, interactive codes, etc. Each course comprises approximately 40 video lectures of about 1 hour duration. An online discussion forum is incorporated wherein students can post and review questions. Wherever applicable, course assignments, handouts, self - evaluation tasks, etc. have been integrated. Workshops are routinely conducted for institutes, students, mentors, etc. under the auspices of **NPTEL**.

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The session was inaugurated by **Prof. Mangala Sunder Krishnan, National Web Course Coordinator, IIT Madras** **Prof. Pratap Haridoss NPTEL Coordinator, IIT, Madras** started session with the data of previous runs and the statistics for the past semester. He further advised the audience of the mission and vision of the program and shared the success stories of the past semester. He welcomed the new colleges who have joined the program and assured all the necessary help and assistance from NPTEL TEAM in making this program a success. He also asserted the role and the importance of the local chapters in the execution of the program.

Prof. Andrew Thangaraj NPTEL Coordinator, IIT, Madras took over the session. He started with the appreciation for all the local chapters and the SPOCs and motivated them further to do the grooming of the students with the same perfection. He took over the audience with features of the exam and asserted the fact that it's a proctored exam with the certificate directly from IIT and also verifiable through **NASSCOM portal**. He discussed the percentage required for the certification and also told about the weightage of assignments and proctored exam.

Moving further, he explained the audience the types and duration of the courses available. He also shared the past statistics about the impact of these courses and the percentage attendance in the examinations. He also shared the best practices of different colleges /universities which have adapted the NPTEL certifications in their curriculum.



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Dr. ADITI PAUL

DRONACHARYA GROUP OF INSTITUTIONS, GREATER NOIDA

for participating in the NPTEL Workshop for SPOCs
conducted at IIT Madras

JULY 02, 2016
DATE




PROF. ANDREW THANGARAJ
Coordinator, NPTEL, IIT Madras



Link of the Event:

https://gnindia.dronacharya.info/events/NPTEL_2016.aspx?Month=Jul&Year=2016

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Name of the Event : **STC on Classroom Teaching for Soft Skill Development**

Date of the Event : **18-07-2016 To 22-07-2016**

No. of Participants : **17**

Summary of the Event :

National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh conducted a one week short term course on "**Classroom Teaching for Soft Skill Development**" from **18th July to 22nd July 2016** at **NITTTR, Chandigarh**. **Ms. Gurpreet Kaur, Assistant Professor, Management Department** from **Dronacharya Group of Institutions, Greater Noida** attended the **STC**.

Day 1: 18th July 2016

The event was inaugurated by **Dr. S P Bedi, Professor**, Department of Education and Educational Management, **NITTTR Chandigarh** and **Dr. P K Tulsi, Professor & Head**, Education and Education Management Department, **NITTTR Chandigarh**. **Dr. S P Bedi** stated the objectives and the schedule of the event and initiated the lecture with introduction to Soft Skill Development.

Dr. P K Tulsi gave an overview of the following topics that were covered under **STC of Classroom Teaching for Soft Skills**:

- 1. Communication Skills**
- 2. Team Building**
- 3. Creativity**
- 4. Time Management**
- 5. Learning to Learn**
- 6. Decision Making**
- 7. Problem Solving etc.**

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Mr. Harjinder Singh Cheema, Chairman of Cheema Boiler Limited conducted the session. **Cheema Boilers Limited** is one of India's premier engineering solutions company serving industry's energy requirements. **Mr. Cheema** shared his experience with the participants and the success story of Cheema Boiler. He also discussed the expectations of industry from their employees/ newly recruits (technical students).

Day 2: 19th July 2016

Dr. P K Tulsi initiated the session on the second day with the introduction to **Verbal Communication Skills**. She explained, "When the trust account is high, communication is easy, instant, and effective.

Dr. Tulsi said that the impact of different things on Oral Communication is

1. Verbal Communication 7 %
2. Tonal Quality 38%
3. Non Verbal 55%

During the session, **Dr. Tulsi** also discussed **DISC Survey**. **DISC** is a behavior assessment tool. **DISC means Dominance, Influence, Steadiness, and Consciencs**. This theory was then developed into a behavioral assessment tool by **Industrial Psychologist Walter Vernon Clark**. She gave an exercise on verbal communication and listening to the participants.

Second session of the day was conducted by **Dr. Sunil Dutt, Professor of Education and Educational Management, NITTTR Chandigarh**. He delivered the lecture on **Learning to Learn and Instructional Strategies**. **Dr. Dutt** said that Learning to Learn is the ability to pursue and persist in learning and to organize one's own learning including effective management of time and information, both individually and in group. During the session he focused on Negative and Positive Learning and the stages of Learning (Three stages of Learning).



He concluded the four elements of Learning as following:

1. Learner
2. Stimulus(Learning Situation)
3. The internal conditions: - Perception, Cognitive, Structure & Self Concept.
4. Response

Day 3: 20th July 2016

Er. Amandeep Kaur, Assistant Professor, Education and Educational Management Department, **NITTTR Chandigarh** started the session with the brief introduction to **Emotional Intelligence Skill**. She discussed the past study of Aspiring Minds on Emotional Intelligence conducted during August 2012. She gave a task on self-analysis of Emotional Intelligence to the participants. The task was related to the self-examination of emotional intelligence. Later she shared some videos on emotional intelligence.

The session was continued by **Dr. T N Thukral, Professor, Education and Education Management Department, NITTTR Chandigarh** who explained the Problem Solving Skills & Instructional Strategies. In this session he discussed the process of problem solving.

Day 4: 21th July 2016

The session on the fourth day commenced with a discussion on **Team Building & Decision Making Strategies** by **Dr. S P Bedi**. She stated that Team Building is the process of group of the people to reach a team goal. **Dr. Bedi** elaborated important points which should be kept in mind during team building in the classroom.



She stressed on the Collaborative Learning which refers to an instruction method which involves group of learners working together to solve a problem. She also discussed the Collaborative Learning Techniques.

The next session of the day was conducted by **Dr. Sunil Dutt**. He discussed the Decision Making Skill. Under Decision Making skill, **Dr. Dutt** covered the types of decisions, and factors that to be affecting the decisions. He explained the Decision Making Process pictorially.

Day 5: 22nd July 2016

The last day of the STC was dedicated to Time Management Instructional Strategies and Creativity. **Er. Amandeep Kaur** conducted the first session with the introduction of **Time Management (TM)**. In the session she shared some motivational videos of TM. She stated that effective time management is one of the skills necessary for success of institute as well as in everyday life and in the world of work. The teachers who effectively manage time give their students the best opportunity to learn and to develop personal habits that lead to optimum use of time.

Next there is a session on brain storming activity to induce the participants to challenging task of day to day life. She asked them to pen down the productive hours in 24 hours and calculates the effective time. The participants did this initially on the daily basis and then on weekly basis. The effective time wasted and utilized was an eye opener for the participants as teachers.

With the completion of the task the session was carried forward by **Dr. S P Bedi**. She discussed the creative methods of teaching which includes:

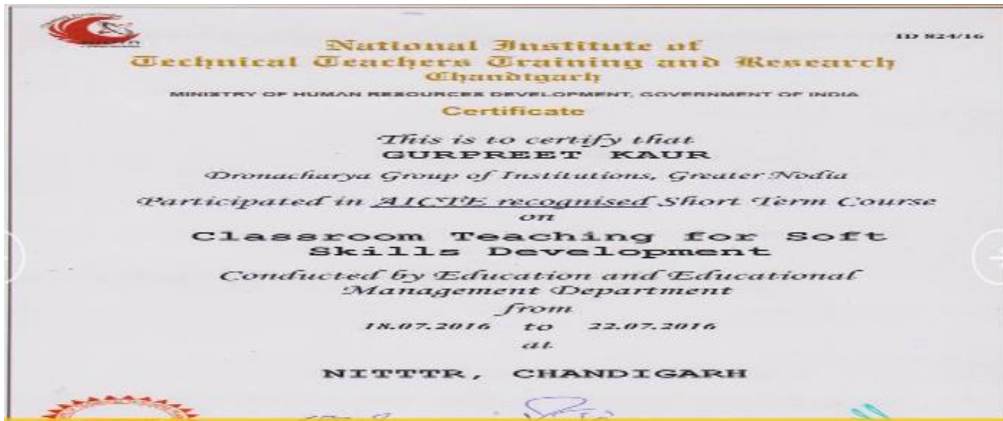
1. Brainstorming
2. Attribute Listing
3. Nominal Grouping
4. The Delphi Technique

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At last there is a feedback session. All the participants discussed the pros and cons of the session and shared their thoughts on the STC.

At the end of the STC the certificates were distributed to the participants.



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Link of the Event:

https://gnindia.dronacharya.info/events/Soft_Skill_2016.aspx?Month=Jul&Year=2016

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Name of the Event : Spoken Tutorial - Making India IT Literate (FDP on LATEX)

Date of the Event : 11-07-2016 To 12-07-2016

No. of Participants : 12

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized a two days **Faculty Development Program on LATEX starting on 11th July & 12th July, 2016**. 50 Faculties from all departments participated in this workshop. The main objective of the workshop was to make faculty member know about the software that is used for preparing reports letters and presentation.

Spoken Tutorial Project is the brainchild of **Prof. Karan Mudgalya** nurtured by **National Mission on Education through ICT (NMEICT), MHRD, Government of India**. It is a 'Talk to a Teacher' activity developed by **IIT Bombay, Government of India**.

LaTeX is a high - quality typesetting system; it includes features designed for the production of technical and scientific documentation. **LaTeX** is the de-facto standard for the communication and publication of scientific documents.

Day 1: 11th July, 2016

The workshop started with an introduction to the Latex by **Ms. Shivangi Maheshwari, coordinator of spoken Tutorial, IIT Bombay**. Faculties from **CSE, IT, ECE, EEE and APS** attended the workshop. **Ms. Shivangi** first introduced the agenda of workshop. She detailed the **LaTeX** software installation and its compilation. All the participants learnt about the **MiTeX** Packages and its addition.

Next, **Mr. Nitin Kumar**, coordinator of spoken Tutorial, **IIT Bombay** from Electrical and **Communication Department** focused on Letter Writing, Report Writing, Mathematical Typesetting, and Bibliography etc. All the participants created their own documents with the help of videos lectures.

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First day ended with the question answer session.

Day 2: 12th July, 2016

The second day workshop was scheduled for Faculties of Mechanical and Civil Engineering Department. **Ms. Shivangi Maheshwari** along with **Mr. Nitin Kumar, Coordinator of Spoken Tutorial, IIT Bombay** gave a presentation about the introduction and compilation of **LaTeX**. The workshop continued with a basic document preparation on TeXworks.

Mr. Nitin Kumar discussed with the **Letter Writing Document, Report Writing Document etc.** Later **Ms. Shivangi Maheshwari** clarified the Mathematical Typesetting, Equations etc. All the participants prepared their report documents using the commands of LaTeX.

The second day workshop ended with question answer session.



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Link of the Event :

https://gnindia.dronacharya.info/events/LATEX_2016.aspx?Month=Jul&Year=2016

Name of the Event : India Skills Competitions - 2016 (Skill of Mechatronics)

Date of the Event : 8/7/2016

No. of Participants : 2

Summary of the Event :

India Skills Competitions - 2016 (Skill of Mechatronics) was organized by **National Skill Development Corporation (NSDC)** in association with **Confederation of Indian Industry (CII)** at **FESTO India Private Limited, Noida** on **8th July 2016**. The objective of the competition was to promote skill programs being run by **Govt. of India** through **NSDC**. **Mr. Gaurav Siwal, Assistant Professor Department of Mechanical Engineering, DGI Greater Noida** was deputed as a Jury Member for the Zonal Round upon **FESTO Invitation**.

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The event started with registrations of the participants at 9:30 am. 12 students in six teams from different institutions were registered. The competition started with a preliminary written test, in which teams were given 43 objective questions to solve in 45 minutes. The questions were from following topics:

1. System and Control

2. Mechatronics

3. Sensors and Actuators

40 percent was the passing criteria in the test. All six teams qualified in the written test round.

In the next session participants were given a task to design a Pneumatic System for a press forming operation with a provision for automatic ejection of work piece through "**motion and circuit diagram**" for the system. After completing the diagram they were further instructed to assemble the kit and make it run successfully. **KIKI Center for Technology Manesar, Gurgaon** team could run the circuit successfully and got selected for the **National Level Competition** which is scheduled on **16th July 2016** at **Pragati Maidan, New Delhi**.

The event came to an end with the announcement of result. Vote of Thanks was rendered by **Mr. Kumara Swamy S, Assistant Manager Didactic - FESTO India Pvt. Ltd.**



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Link of the Event:

https://gnindia.dronacharya.info/events/India_Skills_2016.aspx?Month=Jul&Year=2016

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Name of the Event : Entrepreneurship Educator Program

Date of the Event : 13-07-2016 To 15-07-2016

No. of Participants : 5

Summary of the Event :

A workshop by '**National Entrepreneurship Network (NEN)**' was held at **Jagannath International Management School (JIMS), New Delhi** on '**Entrepreneurship Educator Program**' commenced from **13th - 15th July 2016**. The workshop was designed for entrepreneurs and was attended by over 40 delegates from the different institutions. **Ms. Shalini Sharma, Assistant Professor**, Department of Computer Science and Engineering attended the workshop as a delegate from **Dronacharya Group of Institutions, Greater Noida**.

The workshop focused on the need for entrepreneurship educator in today's world and especially in India. The objective of the workshop was to develop a basic understanding of Entrepreneurship concepts, such as Idea Generation, Opportunity Evaluation, Business Model, and Business Plan.

Day1:13th July 2016

The key speakers of the workshop were **Mr. Raj Bhat, Entrepreneur Educator, National Entrepreneurship Network** and **Mr. Sanjay Kapoor, Entrepreneur Consultant, National Entrepreneurship Network**. The workshop was inaugurated by **Mr. Raj Bhat** who emphasized the importance of entrepreneurship and the role of academic institutions. He explained that Business Model is important in the whole entrepreneurial process not just at the time of starting the business, business model iteration is the key to success of many leading cooperates. He gave some examples to indicate how some corporates have done this (cirque de soleil, wal - mart, apple).

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The participants were divided into small groups (4 - 5 participants per group) and were given exercise on the company building process. **Mr. Sanjay Kapoor** took the next session. He explained how to use the 5Qs rubric to screen the business ideas and provide understanding about the concept of facilitated blended learning. What do investors look for in a Business Plan and how to write a Business Plan using nine blocks of the Business Model Canvas were also discussed in the session.

Day2:14th July 2016

Second day began with the summarized take away from Day1 about the experiential learning and Kolb's model by **Mr. Raj Bhat. Wadhvani Way of Entrepreneur Development & Student Curriculum** was discussed in detail by **Mr. Raj Bhat and Mr. Sanjay Kapoor**. Wadhvani ways of development entrepreneurs was explained in detail. It was discussed that the institutions should supplement the syllabus and certification in entrepreneur using blended learning. Speakers explained the process how to build a campus entrepreneur ecosystem and discussed the case studies. **Mr. Sanjay Kapoor** took the next session on '**How to access and Use Learnwise and EdCast**'. Through the practical software downloading and the role of E-cell, objectives and function were explained. Through flow chart yearlong e-cell engagement process and annual recognition for e-leaders were explained. He continued his talk by taking session on '**WFNEN 100**'. He explained that after studying the **WFNEN100** course of the Wadhvani group participants could help discover the entrepreneur in the students and that is just a sample of what they can achieve through the E-cell.




Day3: 15th July 2016

The session started with the Team Activity. Each Lesson numbers have been allotted to the different teams. Each team created the presentation of assigned Lesson and presented it. In the last session discussions were held on 'How to run a Team Activity and class Discussion'. Through e-cell engagement process and Self - reflection Exercise were explained.

The workshop concluded with distribution of certificates to the participants and group photographs. The workshop proved to be very beneficial to the faculty members and enriched their knowledge with practical aspects of Entrepreneurship.




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Link of the Events:

[https://gnindia.dronacharya.info/events/Entrepreneurship Educator Program 1_2016.aspx?Month=Jul&Year=2016](https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program_1_2016.aspx?Month=Jul&Year=2016)

Name of the Event : QIP short term course

Date of the Event : 11-07-2016 To 15-07-2016

No. of Participants : 4

Summary of the Event :

A five days **QIP short term course** sponsored by **AICTE on Modeling and Control of Robot** was organized by **Mechanical & Industrial Engineering Department IIT, Roorkee** from **11th - 15th July, 2016**. Faculty members from various colleges and universities participated in the program. **Mr. Anoop Mishra** Department of Electrical & Electronics Engineering from **Dronacharya Group of Institutions, Greater Noida** attended the **QIP**.

The objective of the QIP was to enhance knowledge and skill of the participants to introduce different types of robots through which robotics concepts can be explained & introduce latest modeling and simulation tools used in robotics.

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The workshop started with inaugural address by **Dr. P M Pathak, Associate Professor Mechanical and Industrial Engineering Department, IIT Roorkee.** **Dr. Pathak** explained the objective of the workshop.

11 - 07- 2016

The first day of the QIP was started by **Dr.P M Pathak** with introduction of Robot, its basic concepts and elements of Robots. He explained that a robot is an integration of mechanical, electrical and software components that can be reprogrammed to perform a variety of tasks both with and without human intervention and the robotics is the study of robots design, programming and control. He concluded his session by discussing degree of freedom. He explained the concept and practice of degree of freedom used in robotics.

The next session was delivered by **Dr. N. K. Sukavanam, Mathematics Department, IIT Roorkee** on Basics of Robotics (Spatial description and transformations). He started his session by explaining about Position and Orientation and discussed how matrix and co-ordinate system is used in the modeling of Robot. He concluded his session by discussing homogeneous transformation. He said homogeneous transformations may be readily used to describe the position and orientation of co-ordinate frames in space. The study of robotic vision and computer graphics are concerned with the relationship between coordinate frames attached to the objects and cameras.

Later **Prof. (Dr.) SK Saha**, Head of the Department Mechanical Engineering, **IIT Delhi** & a well - known personality in the field of Robotics spoke on Robotics facilities available & work carried out in Robotics by IIT, Delhi. Discussion on the following topics was held during the session:

1. Innovative Teaching by using skill based learning methodologies
2. Innovative research for developing rural applications
3. HAPTIC robot
4. SWARM robotics

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5. ROBOCON workshops

12- 07 - 2016

Dr. Ekta Singla, School of Mechanical Materials and Energy Engineering, IIT, Ropar delivered lecture on Jacobian: Velocities & Static Forces. She explained the concept of Jacobian matrix. She also defined inverse Jacobian matrix and singularities applications in the modeling of robots.

Dr. Ekta Singla explained Advance topic (Redundant Manipulators: Utilities and Challenges). She discussed her **PhD research on Robotics**. Next session was taken by **Dr. Ashish Dutta, Mechanical Eng. Dept., IIT, Kanpur** on **Gait Planning** for Biped Robots with Compliance. He explained locomotion and need of Biped Locomotion. He also explained research issues in Biped locomotion. Dr. Ashish Dutta, explained about phase plane trajectory and its application in robot designing and modeling.

13 - 07 - 2016

Dr. Sudipto Mukherjee, Mechanical Eng. Dept., IIT, Delhi delivered his lecture on Dynamics (Lagrangian, Newton - Euler,) and bond graph modeling of robots, Steps in Design of Dynamic Systems. After tea break he explained advance topic (Parallel Manipulators) of robots. He concluded his lecture with the MATLAB simulation result and analysis.

Next, **Dr. Ashish Singla, Mechanical Eng. Department, Thapar University, Patiala** on **MATLAB** Based Robot Programming explained how MATLAB is useful software in the field of robotics. He also delivered hands on session on MATLAB tool for Robot Modeling and Control. **Dr. Ashish Singla** explained the advantages of MATLAB over other open source software. He showed the GUI of Robots with MATLAB and also simulation of Robots for their modeling and control.



14 - 07- 2016

Dr. G. N. Pillai, Electrical Engineering Department, IIT, Roorkee delivered lecture on Linear & Nonlinear Control of Manipulators by taking real case studies. He explained open and close loop control of a system. Further he discussed Performance Measures and Performance Specifications. Performance measures mean those general properties or qualities of a closed loop system that are important to its proper functioning. Performance specifications are maximum overshoot, rise time, settling time and bandwidth.

Dr. N. K. Sukavanam, Mathematics Department, IIT, Roorkee took the next lecture on Neural Network Based Control. He said Neural Network, which are simplified models of biological neuron system, is a massively parallel distributed processing system made up of highly interconnected neural computing elements that have the ability to learn and thereby acquire knowledge and make it available for use. A neuron receives input from other neurons (generally thousands) using its synapses. Inputs are approximately summed and when the input exceeds a threshold value, the neuron sends an electrical spike that travels from the body, down the axon, to the next neuron(s). The human brain consists of around 10¹¹ neurons which are highly interconnected with around 10¹⁵ connections.

15- 07 - 2016

The last day's session was conducted by **Dr. P .M. Pathak, Mechanical & Industrial Engg. Deptt, IIT Roorkee**. The topic of the lecture was "**Advance Robotics (space / underwater, bionic robots)**". **Dr. Sanjeev Kumar, Mathematics Department IIT, Roorkee** took the next session on Introduction to Image based Visual Servicing.

The program ended with Valedictory Ceremony and distributions of certificates.

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The QIP was informative and beneficial as it created awareness of the benefits of robotics and industrial automation into instruction for effective pedagogical practice in awareness of Robotics.



Link of the Event:

https://gnindia.dronacharya.info/events/QIP_2016.aspx?Month=Jul&Year=2016


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Name of the Event : QIP Short term course on "Mathematical Analysis and Applications"

Date of the Event : 4-07-2016 To 8-07- 2016

No. of Participants : 4

Summary of the Event :

Day 1: 04-07-2016

A QIP Short Term Course was organized by **IIT Roorkee** on "**Mathematical Analysis and Applications**". **Mr. Prassan Sharma, Assistant Professor, APS Department, Dronacharya Group of Institutions, Greater Noida** attended the **STC**. The objective of the course was to provide the participants an opportunity to see how Mathematical Analysis can be applied in various contexts to solve the problem. The course was coordinated under the supervision of **Dr. P.N Aggarwal**.

Day 1: 04-07-2016

In the first session **Prof. Rama Bhargav, IIT Roorkee** discussed that how to get motivated for research in mathematics. She explained the new research topic in Mathematics. In next lecture, **Prof P.N Aggarwal** discussed the Weierstrass Approximation Theorem and its application.

In the second session, **Prof. S Chandra Shekhar Rao, IIT Delhi** discussed the Developments in Numerical Analysis. Next, **Prof. Savita Bhatnagar, PU Chandigarh** gave introduction to cantor set and explained its application. The last lecture of the first day was on Development in Numerical Analysis by **Prof. S Chandra Shekhar**.

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Day 2: 05-07-2016

Prof. Savita Bhatnagar, PU Chandigarh started the session and discussed the types of Generalized Integrals. After that **Dr. D.N Pandey, IIT Roorkee** gave a lecture on Controllability and Stability and explained their behavior. He explained how to link stability in functional analysis. The second day lectures ended with a lecture of **Prof. P.N Aggarwal** on Trigonometric Polynomial of best approximation.

Day 3: 06-06-2016

In the first session **Dr. Uday Singh, IIT Roorkee** explained the results on Convergence. He explained how a series Converge and Diverge in the given domain. Proceeding the session **Dr. Mani Mehra IIT Roorkee** gave Lecture on Introduction to Wavelets. She also explained how wavelet is introduced in Mathematics. Next **Prof. Margreta Heilmann** from **Germany** gave a sound lecture on Approximation of Continuous Function and its Characterization. She explained how initial value property and uniqueness theorem is the basic need for continuous function.

Day 4: 07-07-2016

Fourth day started with a lecture on Summability Method by **Dr. Uday Singh**. In the next session **Prof. P.N Aggarwal** explained **D. Jackson Theorem** and its application. He explained how this theorem has its application in physics also. **Dr. Ialit kumar** from **University of Delhi** took the last session of the day and gave a lecture on its own research work Frames in Banach Space. He also linked **Banach Space** theory to **Summability Method**.

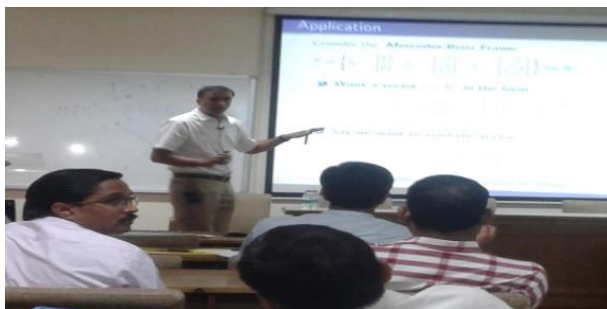
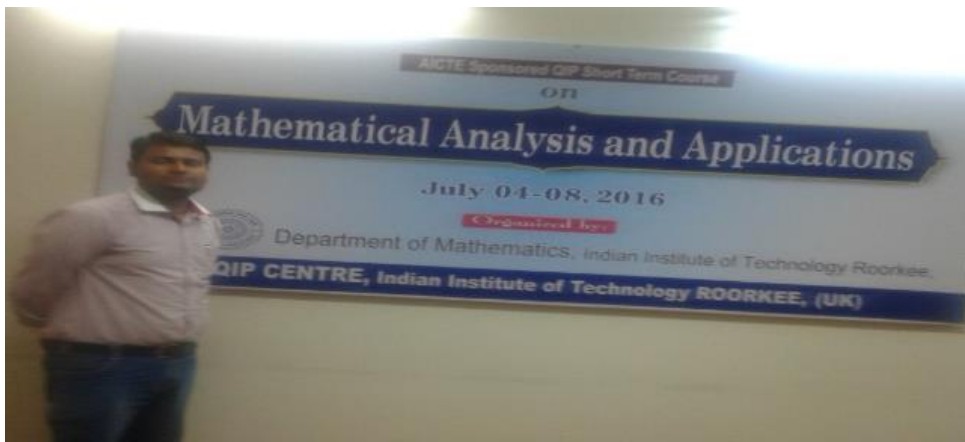


Day 5: 08-07-2016

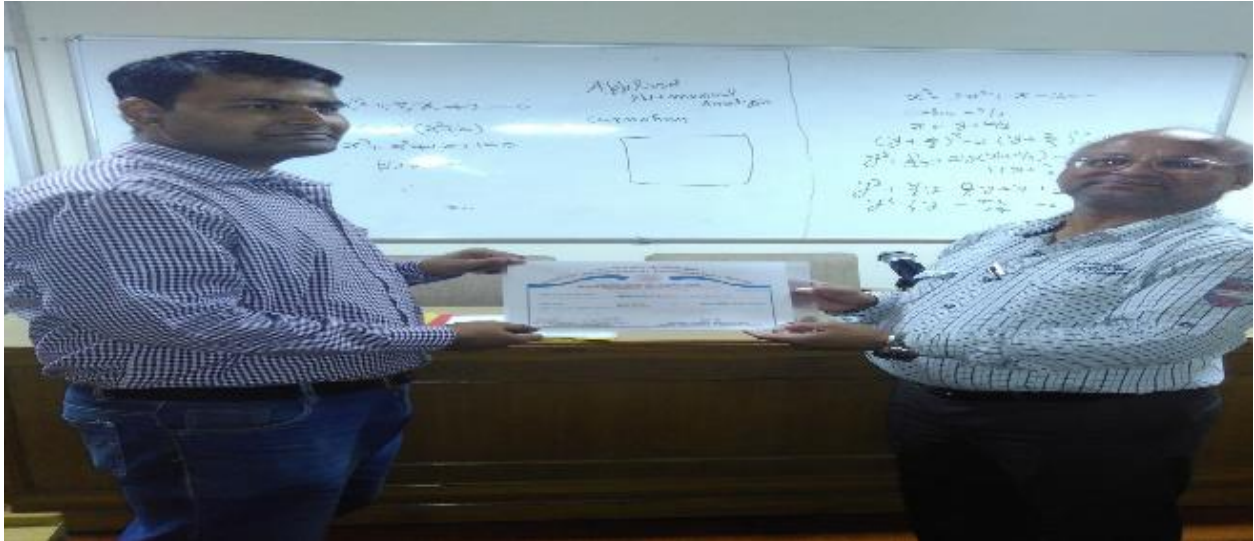
Prof R.C Mittal started the session and gave a lecture on analysis of Numerical Method and Numerical techniques. After this **Prof. Margreta Helimann** from **Germany** gave a lecture on approximation of Continuous function Algorithm. In the last session **Prof. R.C Mittal** explained analysis of Numerical methods.

The course ended with the certificate distribution to all the participants with the feedback session.

Through the STC programe participants understood the skill set of Mathematics and how the teachers can identify and motivate students with the same.



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Link of the Events :

https://gnindia.dronacharya.info/events/Mathematical_Analysis_2016.aspx?Month=Jul&Year=2016

Name of the Event : Awareness Session on "STROKE"

Date of the Event : 21-07-2016

No. of Participants : 2

Summary of the Event :

NSS Wing of Dronacharya Group of Institutions, Greater Noida organized a Health Awareness Session on "STROKE" in association with Dr. Reddy's Foundation for Health Education (DRFHE) and Confederation of Indian Industries (CII) on 21st July 2016. Dr. Atampreet Singh, Neurologist, Fortis Hospital conducted the session. 38 staff members attended the session at DGI, Greater Noida.

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The objective of the session was to provide an overview of stroke disorder in India and help stroke survivors to improve the quality of their lives.

After the introduction of **Dr. Atampreet Singh** by **NSS Coordinator Mr. Abhishek Swami**, the session started with the welcome of **Dr. Singh** with a bouquet by **Prof. (Dr.) S.K. Bagga, Director, DGI Greater Noida** as a token of respect.

Dr. Singh commenced the session with the overview of stroke. He focused on causes of stroke and said that stroke occurs when the blood supply to brain is interrupted or reduced due to bleeding or blockage. This deprives brain of oxygen and nutrients, which can cause brain cells to die.

Dr. Singh pointed out that hypertension and diabetes are the main causes for stroke. Smoking and consuming alcohol also causes stroke. He said that stroke can be prevented by controlling **high blood pressure, avoiding tobacco use and leading a healthy life style.**

Dr. Singh said that delay in visiting hospital results in delay in recovery from the stroke. One should not delay in visiting nearby clinic or undergoing X-ray or on other routine checkups when required. He also added that the recovery of those affected with the stroke would depend on how soon those people visit the hospital for treatment.

The seminar ended with the query session. **Dr. Singh** was presented with a memento by **Director Prof. (Dr.) S.K Bagga, DGI, Greater Noida** for conducting the awareness session.

Dr. S.K. Srivastava, Coordinator, DGI NSS Wing rendered Vote of Thanks.

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Link of the Event:

https://gnindia.dronacharya.info/events/STROKE_2016.aspx?Month=Jul&Year=2016

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Name of the Event : EXPERT LECTURE ON NETWORK THEORY: BASICS & APPLICATIONS

Date of the Event : 22-08-2016

No. of Participants : 2

Summary of the Event :

IEEE Student Chapter, **Dronacharya Group of Institutions, Greater Noida** organized an Expert Lecture on "**Network Theory: Basics & Applications**" on **22nd August 2016** by **Prof. B.K. Panigrahi , IIT Delhi**. 48 students of ECE and 22 students of EEE branch along with the faculty members of ECE and EEE attended the expert lecture.

The objective of the lecture was to provide in - depth knowledge of Network theory and its applications to the students and faculty members.

Prof. (Dr.) S. K. Bagga, Director, DGI Greater Noida, welcomed the guest Speaker, **Prof. (Dr.) B. K Panigrahi, IIT Delhi**. In his welcome address **Prof. Bagga** emphasized the importance of subject and advised the students to attain the maximum knowledge from the lecture.

First Session:

Dr. B. K. Panigrahi started the session by the introduction of basic elements of **Network theory** i.e. Resistor, Inductor and Capacitor. Resistor is an element which opposes the flow of current and dissipates energy in the form of heat. Inductor is an element which opposes the change in magnitude of current and stores energy in the form of magnetic field. He discussed Capacitor that opposes the change in magnitude of voltage and stores energy in the form of electrostatic field. He explained about the independent and dependent energy sources and solved some complex questions related to the topic in a simple approach.

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Dr. Panigrahi also described the different methods to solve the DC circuit problems like nodal and mesh analysis method. He explained how to solve the problems using the above methods by writing the equations directly in matrix form that takes minimum time. He solved various problems on these methods and gave some problems to the students for practice purpose.

Session 2:

In this session, **Dr. Panigrahi** explained about the different type of **Network Theorems** like **Superposition theorem, Thevenin's theorem, Norton's theorem**, Maximum power transfer theorem and **Millman's theorem** and compared with conventional methods for solving DC network problems. He showed that Network problems can be solved in easier way by Network theorems than conventional methods.

Dr. Panigrahi explained that network theorems can also be applied to AC circuits, and solved various problems on it to clarify the concepts of AC fundamentals. He also explained various transients in AC circuits.

In the end, **Dr. Panigrahi** explained the total power and its components: Real Power and Reactive Power. He also emphasized the role and importance of Power factor in electrical engineering. Finally applications of network theory in various projects and industries were discussed by **Dr. Panigrahi**.

The lecture ended with memento presentation by **Prof. S. K. Bagga, Director, DGI** to the Guest Speaker **Prof. B. K. Panigrahi** and vote of thanks by **Prof. Vinod Kumar, HOD, ECE**.

Overall, the lecture was very informative and motivating for the students.



Link of the Event:

[https://gnindia.dronacharya.info/events/Network Theory 2016.aspx?Month=Aug&Year=2016](https://gnindia.dronacharya.info/events/Network_Theory_2016.aspx?Month=Aug&Year=2016)

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Name of the Event : STC ON "Open Source Technologies

Date of the Event : 29-08-2016 To 2-09-2016

No. of Participants : 22

Summary of the Event :

A Short Term Course on "Open Source Technologies" was organized at **Dronacharya Group of Institutions (Greater Noida)** in collaboration with **NITTTR Chandigarh** through **ICT** during **29th Aug to 2nd Sep 2016**. Twenty two Faculty Members of **DGI, Greater Noida** attended the **Short Term Course**.

Day 1: 29th August 2016

Mr. Amit Doegar, Assistant Professor, Dept of Computer Science, NITTTR Chandigarh initiated the session with a discussion on **Python Programming Language**. Difference between Python and the other object oriented programming platforms was discussed. The process of embedding videos and images in python code was demonstrated.

Day 2: 30th August 2016

Ms. Shano Solanki, Assistant Professor, Dept of Computer Science, NITTTR Chandigarh initiated the session with a discussion on **IBM Bluemix Platform**. She discussed the extraction of live datasets and sentiment analysis. **IBM Bluemix** provides platform for **python, PHP, ASP.net and java etc.**

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Day 3: 31st August 2016

Dr. Sarbjeet Singh, Professor, UIET Chandigarh initiated the session with a discussion on graphs and their relevance in various areas. He discussed Social Network Analysis. He discussed different kinds of structures that can be investigated and visualized through **SNA**.

Mr. Doegar initiated the session on **Virtualization Technology**. He started with the explanation of the concept of virtualization. Virtualization technologies enable concurrent processing of multiple operating systems on a single system. He stated the benefits of virtualization including increased IT agility, flexibility, scalability, cost saving and faster deployment of workload.

Day 4: 1st September 2016

Mr. Sourav Kaushal, Assistant Professor of Computer Science and Engineering Department from **NITTTR Chandigarh** initiated the session with discussion on **VMWare**. He then demonstrated the working of **HELIX Software**. He talked about the basics of Volatility Framework.

In the next part of the session **Ms. Mala Kalra** gave a presentation on Mendeley Software. The afternoon session was on Rstudio, which is a very powerful programming tool.

Day 5: 2nd September 2016

The session started with a presentation on "**Implementation of Web Server and Security**". There was a discussion on the concepts of cloud computing. The Dropbox app for PC offers an intuitive interface that allows users to drag and drop their files into cloud storage, which will then sync in the background.



The valedictory session was hosted by **Ms. Shano Solanki**. The participants of all the institutes gave their suggestions and feedback of the **STC. Director, Prof. (Dr.) S. K. Bagga, Dronacharya Group of Institutions, Greater Noida** gave overall feedback of the STC. The session concluded with Vote of Thanks from **Ms. Solanki**. All the sessions of the STC had been very informative and interest - arousing. The participatory nature of the sessions really heightened the learning experience.



Link of the Event:

https://gnindia.dronacharya.info/events/Open_Source_2016.aspx?Month=Aug&Year=2016

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Name of the Event : National Conference on "Energy Security for India - Creating a Biofuel Economy"

Date of the Event : 10/8/2016

No. of Participants : 1

Summary of the Event :

A National Conference on "Energy Security for India- Creating a Biofuel Economy" was organized by **Ministry of Petroleum & Natural Gas at Vigyan Bhawan, New Delhi** on the occasion of **World Biofuel Day on 10 August 2016**. The event was inaugurated by **Hon'ble Union Minister of State for Power, Coal, New and renewable energy & Mines, Sh. Piyush Goyal** and **Hon'ble Minister of State for Petroleum and Natural Gas, Sh. Dharmendra Pradhan**. The conference had participation from senior government officials, technology developers, industry experts and academicians deliberating on enablers for enhancing the production of biofuels in the country.

Ms. Nisha Bhatt, Asst. Prof. (ME) DGI, Greater Noida along with students **Ashwani Kumar Rathore, Mohit Choudhary** and **Aman Srivastava** of Mechanical Engineering attended the conference.

Shri Sandeep poundrik (Joint secretary Refinery and MoP, NG) delivered the Welcome Address. He discussed the importance and need of bio fuel which can be technologically optimized in a better way for conserving our environment and optimum use of our resources.

The objective of the conference was not only to highlight unprecedented initiatives that have taken in the last two years by Ministry of Petroleum and Natural Gas but also to discuss the policy interventions that help to achieve national blending targets of Government of India.

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On this occasion, the Union Petroleum Ministry launched marketing of **High Speed Diesel (HSD)** blended with Bio-diesel in selected retail outlets of **Oil Marketing Companies (OMCs)** in **New Delhi and Vishakhapatnam** by **Hindustan Petroleum (HPCL)**, in **Haldia** by **Bharat Petroleum (BPCL)** and in **Vijayawada** by **Indian Oil (IOC)**

Technical talks

Mr. B. Ashok, Chairman of Indian Oil Cooperation, addressed the challenges faced by India in ethanol blended petrol program. While delivering his Special Address, he said that for biofuels economy; price affordability and sustainability should be kept in mind, whereas ensuring coordination and understanding between supplier and buyer will allow smooth implementation of biofuels program.

Ms. Varsha Joshi, Joint Secretary in Ministry of New & Renewable Energy emphasized on economy where innovative technology for recycling waste to ethanol can play a role for carbon smart future.

Dr. Kathy Elst, VITO, Belgium delivered her technical talk on biofuel program in European countries.

During the valedictory session, **Sh. Piyush Goyal** announced a national level competition, **Jeevan Spardha**, to be started by the end of **November 2016** where students and academicians can also pitch their ideas towards energy security of India.

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Link of the Event :

https://gnindia.dronacharya.info/events/Energy_Security_2016.aspx?Month=Aug&Year=2016

Name of the Event : Workshop on "CMOS, Mixed Signal and Radio Frequency VLSI Design"

Date of the Event : 19-09-2016 To 23-09-2016

No. of Participants : 8

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Summary of the Event :

A One Week Coordinators' Workshop on "**CMOS, Mixed Signal and Radio Frequency VLSI Design**" under the **National Mission on Education through ICT (NMEICT)** was organized at **IIT Kharagpur** during **19th - 23rd September, 2016**. **Prof. Vinod Kumar**, HOD - ECE from **Dronacharya Group of Institutions, Greater Noida** attended the workshop. About 250 participants from different engineering colleges across the country attended the workshop.

The Recourse Persons for the workshop were:

1. **Prof. T K Bhattacharya, IIT Kharagpur**
2. **Prof. Indrajit Chakrabarti, IIT Kharagpur**
3. **Prof. Mrigank Sharad, IIT Kharagpur**

The objective of the workshop was to provide an orientation and in-depth knowledge to the Faculty members who would act as Workshop Coordinators during the main workshop to be held during the end of **December 2016** or last week of **January 2017**.

Day 1: 19th September 2016

The session was inaugurated by the Chief Guest **Prof. Anil Dattatraya Sahasrabudhe, Chairman - AICTE** with the lighting of lamp in the august presence

1. **Prof. P. P. Chakrabarti** (Director, IIT Kharagpur),
2. **Prof. Raja Datta** (Principal Investigator, T10KT, IIT Kharagpur),
3. **Prof. O. P. Sha** (Co-principal Investigator, T10KT, IIT Kharagpur),
4. **Prof. Pallav Das Gupta** (Dean, Continuing Program, IIT Kharagpur)
5. **Prof. T. K. Bhattacharya** (Workshop Coordinator)
6. **Prof. Indrajit Chakrabarti**(Workshop Coordinator)
7. **Prof. Mrigank Sharad** (Workshop Coordinator)

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Addressing the participants, **Prof. Raja Datta** said that the purpose of the workshop was to discuss the pedagogical aspect of teaching. **Prof. Chakrabarti** encouraged the participants to do something valuable during the workshop. In his keynote address, Prof. Sahasrabudhe said that unless the faculty is empowered, the quality of teaching cannot be enhanced. **Prof. Pallav Das Gupta** said that country has the potential of becoming the power house of the design of chip and all the forthcoming technology will be led by **VLSI design**.

After the inauguration, the 1st session started at **2:00 PM** which was conducted by **Prof. T. K. Bhattacharya**, main coordinator of the workshop who covered the following topics during his lecture:

1. Introduction to RFIC Design.
2. Basic Rx-Tx.

He talked about the different application area of RFIC like wireless, radar, navigation, remote sensing etc. **Prof. Bhattacharya** discussed in detail about RF circuits and systems, including Design Issue, Linearity Issue, Stability Issue and Sensitivity.

Day 2: 20th September 2016

The session of second day started at **9:30 AM** with the lecture of **Prof. Indrajit Chakrabarti**. He covered the following topics during his lecture:

1. Low Power Digital Design.
2. Video Compression Architecture.

He said that two design methodologies are used for low power digital design. First is the voltage scaling approach and the second is system level approach. These methods are normally used to minimize the switched capacitances. He also discussed the glitches.



Post - lunch session was conducted by **Prof. T. K. Bhattacharya**. He covered the following topics during his lecture:

1. Low Noise Amplifier (LNA).
2. Voltage Control Oscillator (VCO).

At the end of his lecture he explained about VCO in detail.

Day 3: 21st September 2016

Session of day 3 started at **9:30 AM** with the lecture of **Prof. Mrigank Sharad**. He covered the following topics:

1. Analog Front End (AFE) Design.
2. Filters.

Prof. Mrigank started his lecture on Analog Front End Design by explaining some application in different areas like agriculture, environment, safety, control, biomedical, robotics etc. He also talked about the differential amplifier and said that main advantage of differential amplifier is to reject the unwanted signal. He listed the desirable condition of differential amplifier like:

1. Maximal suppression of dynamic drift.
2. Low Power.
3. Low Area.
4. Robust: meet specifications across process corners.



Lecture of **post - lunch session** was conducted by **Prof. Indrajit Chakrabarti** on Video Compression Architecture. **Mr. B. K. Srinivasrao (Research Scholar)** organized the lab session and showed some results of video compression and also performed some experiments on **FPGA**.

Day 4: 22nd September 2016

Session started with the lecture of **Prof. T. K. Bhattacharya**. He covered the following topics during his lecture:

1. Mixers.
2. RF Power Amplifier.

He emphasized about the knowledge of schematic and post layout simulation when dealing with mixer design. Prof. Bhattacharya talked about the special considerations for mixer design and said that "passive mixing is not so popular as compared to active mixing. Isolation from low frequency domain to high frequency domain is very critical for mixer design. He also talked about the layout design of Analog and RF.

Post - lunch session was conducted by **Prof. Mrigank Sharad**. During the lecture, he covered **Analog to Digital Converter (ADC)**.

During the last session of the day, **Prof. Raja Datta** along with the Administrative Team of **T10KT, IIT Kharagpur**, discussed the procedures for conducting the main workshop to be transmitted at different remote centres through A-View in the month of **January 2017**.



Day 5: 23rd September 2016

Last day's session started with a lecture of power amplifier and frequency synthesizer by **Prof. T. K. Bhattacharya**.

He discussed about the characteristics of power amplifier, its function and key specifications like maximum output power, power added efficiency, power gain, linearity and stability. During the discussion about CMOS frequency synthesizer he said that higher the hopping range of frequency, lower the settling time. He also talked about the design of PLL.

Valedictory Ceremony of the workshop started after lunch on **23rd September 2016**. **Prof. Deepak. B. Pathak (Department of Computer Science, IIT Bombay)**, **Professor P. P. Chakrabarti**, **Prof. Raja Datta**, **Prof. O. P. Sha**, **Prof. T. K. Bhattacharya**, **Prof. Indrajit Chakrabarti** and **Prof. Mrigank Sharad** graced the ceremony. **Prof. Raja Datta** congratulated everyone for the successful completion of the workshop and distributed Certificate of Participation to all the participants. Finally, workshop ended with this hope that workshop coordinators will conduct the main workshop in a fruitful manner.



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Link of the Event:

https://gnindia.dronacharya.info/events/CMOS_2016.aspx?Month=Sep&Year=2016


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Name of the Event : Instructor Training Program on CCNA 1&2 (Routing & Switching)

Date of the Event : 26-11-2016 To 10-12-2016

No. of Participants : 5

Summary of the Event :

Instructor Training Program CCNA 1&2 (Routing & Switching) was held at **Cisco Networking Academy, Instructor Training Centre, Amrita University, Amritanagar, Coimbatore, during 28th November 2016 to 10th December 2016.**

Dr. Somnath Sinha, Assistant Professor of CSE Department, **Dronacharya Group of Institutions, Greater Noida** attended the Training Program. 12 other candidates including **Vikash K H** and **Remanikanth S, ACE College of Engineering, Trinvandrum, R Hariharan, College of Engg. & Tech, Dindigul, Veerababu B, Aditya Engg. College, Surampalem, S Surndhar, NPR college of Engg. & Tech Natham** and **Mr. Hansraj, Dronacharya College of Engineering, Gurgaon** also participated in the training program.

The course was based on two modules.

- 1. Module 1 – Introduction to Networks**
- 2. Module 2 – Routing and switching Essentials.**

The training program was conducted by **Mrs. M. Kohila**.



Day 1: 28th November 2016

After the inaugural session on the first day **Mrs. M. Kohila** conducted a pretest examination on fundamentals of Networking. Later she explained Chapters 1 & 2 of Module 1 on Explore the Network and Configure a Network Operating System. She also introduced Simulation Software and Packet Tracer provided by CISCO to make the training more effective.

Day 2: 29th November 2016

On day 2, the examinations for Chapters 1 & 2 were conducted. **Mrs. Kohila** then completed Chapters 3, 4, 5 & 6 in which she explained **Network Protocols and Communications, Network access, Ethernet and Network Layer.**

Day 3: 30th November 2016

On day 3, the examinations for Chapters 3, 4, 5 & 6 were conducted. Mrs. Kohila then explained Chapters 7, 8, 9 & 10. In these chapters she covered **IP Addressing, Subnetting IP Networks, Transport Layer and Application Layer.**

Day 4: 1st December 2016

The examinations on chapters 7, 8, 9 & 10 were held. After the examination, **Mrs. Kohila** explained chapter 11 where she discussed **how to build a small network.**

Day 5: 2nd December 2016

Two examinations were conducted, one based on chapter 11 and the final examination. The training session on Module 1 started with the practical of PC, Router and Switch where the participants were trained on how to configure and take the backup using Putty and Tera Term.



Day 6: 3rd December 2016

Three examinations on Packet Tracer, Subnetting and Hands on skill were conducted. All the examinations were of 100 marks and duration of 2 hours.

After the examination, the Packet Tracer software provided by CISCO was explained. The practical session was aided with rich lab facilities.

Day 7: 5th December 2016

Mrs. Kohila started Module 2. She completed Chapters 1, 2, 3, 4 & 5 of this module. In this session she introduced Switched Networks, Basic Switching Concepts and Configurations, VLANs, Routing Concept, Inter-VLAN Routing. After the theory class two examinations on Chapters 1 & 2 were conducted.

Day 8: 6th December 2016

Mrs. Kohila explained Chapter 6, 7, 8 & 9 of Module 2. Here she explained Static Routing Concept, Dynamic Routing, Single Area **Open Shortest Path First (OSPF)** and access control lists mechanism. The examinations on Chapters 3, 4 & 5 were also held.

Day 9: 7th December 2016

Mrs. Kohila completed Chapters 10 & 11. In these chapters she described **Dynamic Host Configuration Protocol (DHCP)** and Network Address Translation for IPv4. Then the examinations on Chapters 6, 7 & 8 were conducted.

Day 10: 8th December 2016

The remaining examinations on chapters 9, 10 & 11 were conducted. It was followed by practical sessions on real scenario using switch and router.



Day 11: 9th December 2016

The final examination was conducted with teach back session. For teach back session individual topics were given to all the trainee and they were asked to deliver their topic through presentation.

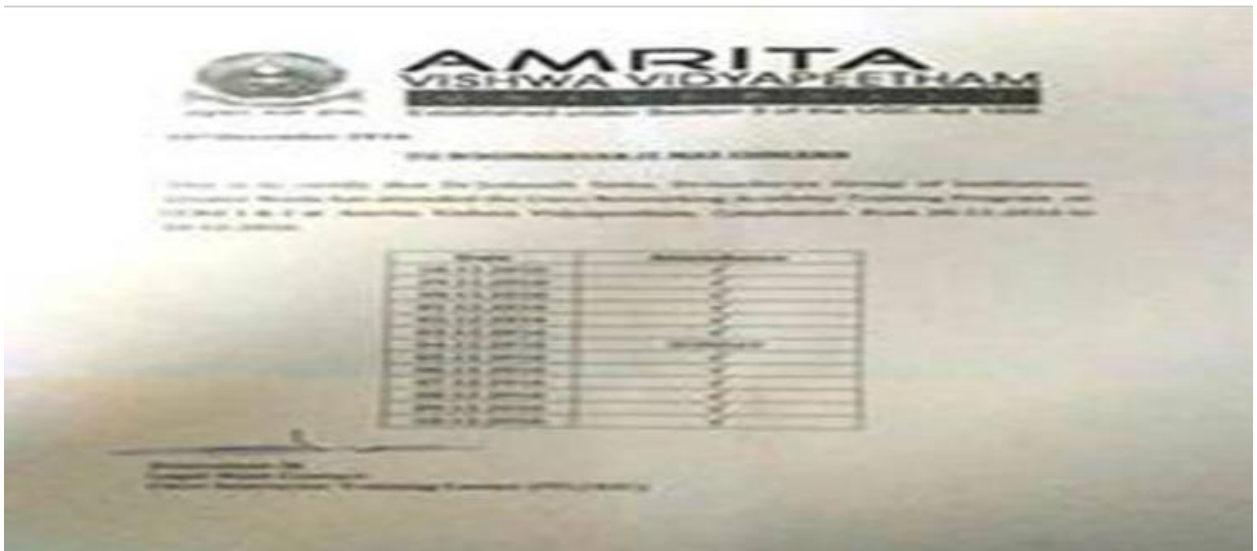
Day 12: 10th December 2016

Two examinations were conducted on Packet Tracer and on Hands on Skill. All the examinations were of 100 marks and of 3 hours.

The **Instructor Training Program on CCNA 1&2 (Routing & Switching)** ended on **10th December 2016** with the address by **Mr. Sreevalson**, Legal Main Contact, Cisco Instructor Training Center. **Mr. sreevalson** explained the importance of CCNA courses for the students. He also explained the NETACAD site and its utility for conducting different types of courses by **CISCO e.g. courses on C++, Linux, Cyber Security etc.**



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Link of the Event :

https://gnindia.dronacharya.info/events/Event_Nov_2016.aspx?Month=Nov&Year=2016

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Name of the Event : INDIA - UK TECH SUMMIT 2016

Date of the Event : 7-11-2016 To 9-11-2016

No. of Participants : 1

Summary of the Event :

India - UK Tech Summit 2016 was organized jointly by **Confederation of Indian Industry (CII) and Department of Science & Technology, Government of India** in the presence of, **Sh. Narendra Modi, H'ble Prime Minister of India and Prime Minister of UK, Rt. Hon Theresa May**, from **7th - 9th November 2016** at **Hotel Taj Palace, New Delhi**. **Prof. D.V. Bhise of Mechanical Department of Dronacharya Group of Institutions, Greater Noida** attended the summit. The TECH Summit was a blend of trade expo, thought leadership, business - to - business conclave and a celebration of this unbeatable combination, providing a forum for business, a space for new connections, and a showcase of future technologies.

The Tech summit comprised of the following interrelated topics:

1. Technology
2. Entrepreneurship & Innovation
3. Design
4. Higher Education
5. Intellectual Property

Inaugural session

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The summit was inaugurated by **Prime Minister of India, Shri. Narendra Modi** along with **Rt. Honorable Theresa May, the Prime Minister of United Kingdom** in the presence of ministers, industry experts & Academicians, from India & UK.

The **Hon'ble Prime minister** further added that today, the world is at an inflection point where technology advancement is transformational. It is vital that India and the United Kingdom, linked by history, work together to define the knowledge economy of the **21st century. India & UK** together can leverage the scientific strengths and technological prowess to create new opportunities.

The present India - U.K. cooperation in science and technology is driven by 'high quality' and 'high impact' research partnerships. In less than two years under the '**Newton - Bhabha**' program India & UK started wide ranging collaborations covering basic science to solution science aimed at addressing societal challenges.

Together, our scientific communities are working on new vaccines for infectious diseases, inventing new smart materials, providing solutions for clean energy and climate change mitigation, and improving crop productivity including agriculture and food security.

India & UK have agreed to establish India - U.K. Clean Energy R&D Centre on solar energy with joint investment of 10 million pounds. A new Anti - Microbial Resistance initiative with joint investment of 15 million pounds is also being launched.

India's partnership with U.K. in industrial research has been one of the most exciting programs. The Global Innovation & Technology Alliance or GITA platform of CII and Department of Science and Technology along with Innovate - U.K. supports industry led R&D projects in affordable healthcare, clean technology, manufacturing and ICT.

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Rt. Theresa May, Prime Minister of UK discussed with **PM Modi**, his team and Indian businesses how India & UK can work together to seize those possibilities, Building a partnership that is focused resolutely on shaping our shared future bilaterally and on the global stage.

Speaking on the occasion **Dr. Naushad Forbes, President, CII** said **India - UK CII - DST Tech summit** focuses on the two points of how to increase public investment in research and how to get firms to invest more in science and technology.

Panel Discussion

During the panel discussion on **Technology Driven Business, Government & Society** **Dr. Harsh Vardhan, Minister of Science & Technology & Earth Sciences, Govt. of India** said that “The two countries must explore innovative technologies and knowledge creation for wealth creation”. He further added that together both the countries should now address grand challenges through scientific understanding and technology interventions on Public Health & Well Being; Energy - Water - Food nexus; Sustainable Infrastructure; as well as Manufacturing Technologies and Big Data Analytics. These are all priority focus areas of the present government under our national missions like Make in India, Digital India, Smart Cities, Clean India and Start-up India.




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Link of the Event:

https://gnindia.dronacharya.info/events/Uk_Tech_Summit_2016.aspx?Month=Nov&Year=2016

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Name of the Event : Entrepreneurship Educator Program

Date of the Event : 21-12-2016 To 23-12-2016

No. of Participants : 2

Summary of the Event :

A Three days **Entrepreneurship Educator Program** was conducted by National Entrepreneurship Network (NEN) during **21st - 23rd December 2016** at **BIMTECH, Greater Noida**. The aim of this program was to help teachers to develop entrepreneurial qualities in training students.

Mr. Ankush Yadav, Assistant Professor, Mechanical Engineering Department, Dronacharya Group of Institutions participated in the workshop.

Day 1: 21st December 2016

The session started with the Welcome Address by **Mrs. Sanya Singh**, Consultant, NEN. The session was co-conducted by **Mrs. Kalpana Sinha**, Consultant, NEN. **Mrs. Sinha** briefed the audience about the three days Entrepreneurship Educator Program and explained the need of Entrepreneurship based education along with its importance in Academic areas. She emphasized on the fact that Entrepreneurship Educator Program is the key driver of the Indian economy.

During the second session Mrs. Sinha discussed the ways to generate ideas by using the **D.I.S.R.U.P.T (Drive, Include, Separate, Repurpose, Unite, Personalize, Transplant)** model. She also explained the use of 5Q Rubric model and Decision Matrix analysis to find out the best feasible idea of a product.

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Day 2: 22nd December 2016

Mrs. Sinha explained the concept of Effectuation: Decision making principles for Entrepreneurs. She discussed Segmentation and Targeting and then explained how evaluation of each marketing segment is initiated against several criteria before picking a target market segment for a venture.

Mrs. Sinha also explained the Niche Marketing Strategies in which she said that Niche Marketing is a type of marketing strategy that focuses on Micro segment within the market.


Day 3: 23rd December 2016

Mrs. Sinha discussed the '**Value Proposition Design**' helpful in attracting customers. She discussed about the Prototyping Essentials and Minimum Viable Product (MVP).

Mrs. Sinha said that the idea behind a Minimum Viable Product is to rapidly bring a minimum set of features that are enough to deploy the product and test the key assumptions about customers' interactions with the product.

The workshop ended with distribution of participation certificates.




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Link of the Event:

https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program_2016.aspx?Month=Dec&Year=2016

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Name of the Event : National Faculty Development
Program on Entrepreneurship

Date of the Event : 19-12-2016 To 30-12-2016

No. of Participants : 6

Summary of the Event :

A National Faculty Development Program on Entrepreneurship was organized by **Entrepreneurship Development Institute of India, Ahmadabad** during **19th December 2016 - 30th December, 2016**. The FDP was sponsored by **National Science & Technology Entrepreneurship Development Board, Department of Science & Technology, Government of India**.

Dr. Aditi Paul, Assistant Professor at Dronacharya Group of Institutions, Greater Noida attended the **FDP** along with 24 other participants from reputed academic organizations across India, including **Oriental University - Indore, Vivekananda Institute of Management and Research, Sri Ramdeobaba College of Engineering and Management - Nagpur, Global Engineering College - Jabalpur, SIES - Mumbai, Shaheed Sukhdev College of Business Studies - Delhi, Maharashtra Vidyapeeth, Pune University, Siddaganga Institute of Technology, Central University - Karnataka, DCE - Gurgaon, SRPEC - Unjha, etc.**

Day - 1 (19th December 2016)

The FDP started with the inaugural speech of **Mr. Pankaj Bharti, Coordinator of the FDP**. He welcomed all the participants and wished them happy learning days ahead.

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Dr. B.B. Siddiqui, Specialist in Finance & Management conducted the Ice - breaking Session, He first divided the participants in two groups and asked to interact. He later made new group of four participants and asked each group members to discuss about their hobbies among themselves. He again dissolved the groups and made a new group of six members each and asked to share two strengths and two weaknesses of each member. The outcome of the activity was that each of the participants now knew each other very well and communication became friendly and interactive. **Dr. Siddiqui** said that knowing each other in a group is the first step of entrepreneurship. Ice breaking session is important to break inhibitions.

The next session started after tea - break. **Dr. B.B. Siddiqui**, explained the process of Entrepreneur Development by giving examples of McClelland, the Father of Entrepreneurship. **Dr. Siddiqui** explained the meaning of Entrepreneurship which comes from the French word “**Entreprendre**” which means to take over or carry out responsibilities.

Post lunch, **Prof. Dr. Sunil Shukla, EDII Director**, gave examples of various entrepreneurship organizations in India and their functionalities. He explained how academic organizations can establish entrepreneurial activities in - house. For this he discussed about various schemes launched during 2015 - 2016 by **Government Bodies**.

During the last session of the day, **Dr. Siddiqui** conducted a **cyclometric**. The session ended with a brief on the need of such type of tests by **Mr. Pankaj Bharti**.



Day - 2 (20th December 2016)

Day - 2 started with a recap of the first day. **Dr. Siddiqui** then started the session with the four needs stated by **McClelland** which are needs for achievement, needs for affiliation, needs for power and needs for extension.

Participants were put to test for “**Thematic Apperception Test**” in which 6 pictures were shown to the participants each for less than a minute for which they had to write a story.

The session continued after lunch with another exercise “**Ring Test**” in which participants had to throw rings to a target with some predefined number of trials. The objective of the exercise was to explore the risk calculating capacity of the individuals and their observations and learning abilities. **Mr. Chain Singh, Asst. Professor, from Dronacharya College of Engineering, Gurgaon** scored 100 which was the highest score of the event.

Day - 3 (21st December 2016)

Day - 3 started with the recap of day - 2 post which **Dr. Siddiqui** explained the objective of the Ring Test exercise. He said that Entrepreneur should have **N-ache** ie they should be forward looking, hard working and feedback seeker.

Dr. Siddiqui stated 11 points for achievement motivations those are necessary to create and develop a need for achievement in an entrepreneur. These are **Need, Activity/act, Goal Anticipation for Success, Goal Anticipation for Failure, Personal Difficulty Block, World Difficulty Block, Help, Happiness at Success, Disappointments at Failure and Theme of Achievement.**



The next session was on “**Forms of Business and Statutory Requirement**” which was conducted by **Mr. Jignesh Singh, CA**. He first explained the concept of enterprise and the factors to create new enterprise. He discussed different types of organizations i.e., Partnership Firms, Private Limited Companies, Co-operatives, Joint Hindu Family Business, LLP etc.

Day - 4 (22nd December 2016)

Day - 4 started with the recap of day - 3 post which a session on “**Identification of Business Opportunities and Sources of Information**” was conducted by **Mr. J.B. Patil** who has more than three decades of experience in the areas of business opportunity identification, project formulation, project appraisal, counseling and guiding entrepreneurs. **Mr. Patil** started the session with a discussion on how to find business opportunities. He discussed different factors that create business opportunities which are: Entrepreneur’s background and knowledge, location of the business, availabilities of raw materials, Market Potentials, Technology / Equipments, Infrastructures, Govt. Policies, Skilled Manpower, Pollution Control Law etc.

Next **Mr. Patil** discussed some case studies of business opportunities in various countries like **Bhutan, Netherland, and Africa**. **Mr. Patil** continued the session with a discussion on how to select appropriate business. He said that an opportunity should be supported with enough information to generate the idea.

The second session on “**Promoting Science and Technology Entrepreneurship: Role of EDI / DST**” was conducted by **Mr. S. B. Sareen**. He emphasized on the various training programs proposed by **DST through EDI** that can enhance skills of technical and science students. He highlighted five programs funded by **DST** for the science and technical institutions in India and discussed each program in details.



Mr. Sareen encouraged the participants to conduct such program in their respective organizations with the support of EDII. He also focused on some recent schemes for projects funding by DST through EDII.

Day - 5 (23rd December 2016)

Day - 5 started with the recap session of day - 4. **Prof. Dr. Sunil Shukla** then deliberated on “**Entry Barriers & Curriculum Development**” where he described types of barriers an entrepreneur faces. He stated that being an entrepreneur one has to face all these barriers and overcome them. Finally he stressed on the fact that to reduce the barriers the curriculum should give more space for identifying business opportunities that other factors.

The next session was conducted by **Mr. Amit K. Dwivedi** who talked about teaching entrepreneurship. He discoursed the pedagogical models and ecosystems for entrepreneurship and discussed different types of learning approaches, like deductive and inductive. He highlighted Berkely Method of Teaching Entrepreneurship.

The next session was conducted by **Mr. Kirti Sanghvi** who discussed “**Banking for Entrepreneur**”. He discussed the policies and strategies of MSME and banking support for lending funds to the entrepreneurs. He gave important information about reduction, concession, vat concession and many useful schemes that an entrepreneur can utilize to maximize his profit.

Day - 6 (24th December 2016):

The day started with the recap of the previous sessions. **Later, Mr. Chandan Chatterjee, Advisor (Projects and Data Bank), iNDEXTb** conducted a session on “**Emerging Business Opportunity and Policy Measure**”.



He said that the Indian Labs hold a wealth of untapped innovations. He highlighted various policies of the Govt. for funding in start - ups but at the same time he gave importance in the innovation in the business idea.

The participants were then taken for a visit to **Kamakshi Flexi prints Pvt. Ltd. The Director, Mr. Narendra Dhupar** shared his experience in establishing his business. He discussed about the business opportunity, growth, competition, ROI and many other factors in relation to his company.

Day - 7 (26th December 2016)

The first session started with the recap of the previous day. **Later, Dr. Kaushal Kishore, Faculty of Pandit Deendayal Petroleum University** and a budding researcher in the field of oil and gas, shared his research experiences with the participants and discussed the procedure for research. He explained the scope of entrepreneurship in the emerging field of oil and gas. During his session he shared many important information regarding the petroleum business in India.

Next session was conducted by **Dr. J. B. Patel** on the topic “**Business Plan preparation - Technical analysis**”. He highlighted the importance of technical analysis of a project and how extensive it can be. He defined a number of factors related to the technical analysis of a project which are product design, scale of production, raw materials, technology cost, and long term trends etc.

Day - 8 (27th December 2016):

The day started with the recap session of the previous day. **Later, Mr. Mayank Upadhyay, Specialist** in the areas of Finance & Management conducted a session on “**Financial Analysis & Methodology to Assess the Feasibility**”. **Mr. Upadhyay** highlighted the core of technical and market analysis.



The last session of the day on “**Negotiation Skill**” was conducted by **Mr. R. K. Chopra, Trainer** from **All India Management Association, Ahmedabad**. He taught how to communicate positively and discussed different aspects of negotiation skills. **Mr. Chopra** stated five WHs of negotiations.

Day - 9 (28th December 2016)

The day started with the recap session of the previous day post which a session on “**Financial Analysis & Methodology to Assess the Feasibility**” was conducted by **Mr. Mayank Upadhyay**. He discussed the methodology to analyze the financial feasibility of a project. He explained two very important parameters which are **Net Profit Value (NPV)** and **Internal Rate of Return (IRR)**.

Participants were later taken for a visit to Incubation Center, MICA, Ahmadabad. **Mr. U.T.Rao**, the incubator of MICA, conducted a session and explained the functionality of Incubation Center He also shared his experience in promoting start-ups through incubation at MICA.

Day - 10 (29th December 2016)

The day started with the recap session of the previous day. **Mr. Umesh Menon, Sr. Visiting Faculty, EDII** then conducted a session on “**Strategic Business Planning for Start - up and Growth**”. He highlighted the need for planning on growth. **Mr. Menon** described different phases for project development and stages of feasibility study of a project.

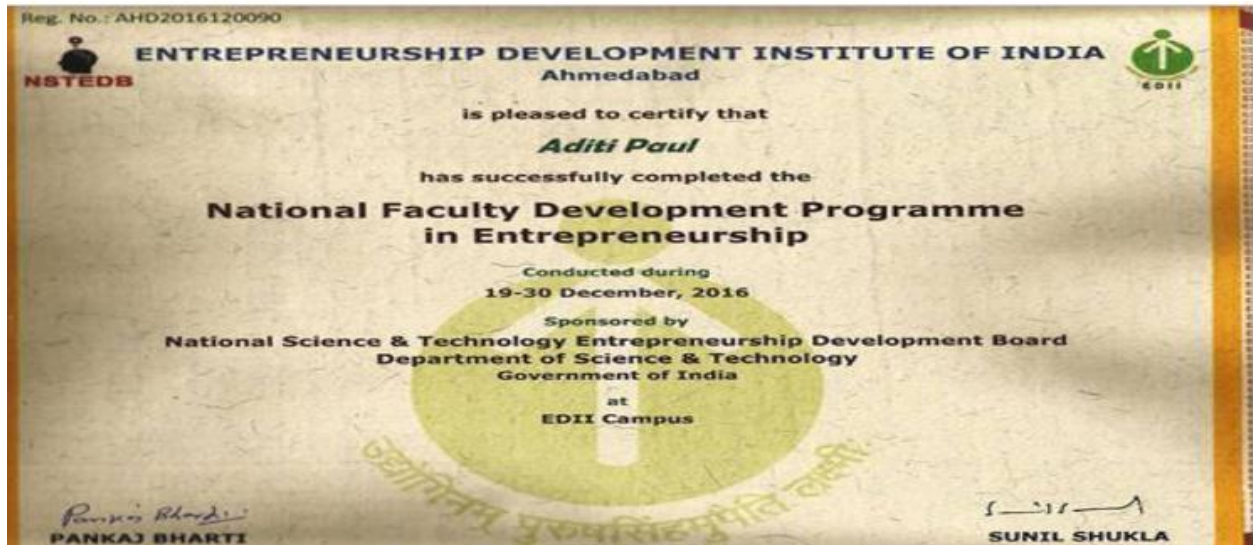


Day - 11 (30th December 2016)

During the first session of the last day of FDP participants were required to give a presentation on “**Curriculum and Action Plan**”. Each presentation was followed by the Q & A session between the presenter and the audience.

Valedictory Session was held after lunch. **Dr. Sunil Sukla** complemented the participants for the effort and interest they put in the FDP. Certificates were awarded to the participants. The session ended with the photo session of all the FDP participants and speakers.





Link of the Event :

https://gnindia.dronacharya.info/events/National_Faculty_Development_Program_2016.aspx?Month=Dec&Year=2016

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Name of the Event : ETV on Air Dialogue on “Unlocking India’s Digital Potential”

Date of the Event : 9/12/2016

No. of Participants : 5

Summary of the Event :

ETV on Air Dialogue on “**Unlocking India’s Digital Potential**” was organized by ETV with support from the Ministry of Electronics and Information Technology on **9th December, 2016** at **Hotel Lalit, Barakhamba Avenue, Connaught Place, New Delhi**. Purpose of this dialogue was to create the awareness of the Digital Potential of India and bridging the digital divide between urban and rural India. **Shri Ravi Shankar Prasad**, Hon’ble Union Minister of Electronics & Information Technology and Law & Justice, Govt. of India was the Chief Guest. Eminent personalities of telecom sectors along with government officials and about 100 delegates from different educational institutes participated in this dialogue.

Prof. Vinod Kumar, HOD - Electronics & Communication Engineering Department from **Dronacharya Group of Institutions, Greater Noida** attended the session.

The session was inaugurated at **04:30 PM** with the welcome of **Guest of Honor Shri P. P. Choudhary**, Hon’ble Minister of State, Ministry of Electronics and IT, Govt. of India and dignitaries on the dais by ETV news network representatives with bouquets followed by lighting of lamp. Session started with introductory remarks by **Shri Jagdeesh Chandra**, Channel Head, ETV news network. In his address, he spoke about the initiative taken by BSNL and budget allocated by Govt. of India for Digital India Program. **Shri Chandra** strongly pronounced to popularize the Digital India Program through his channel for the benefit of common man of India.

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Shri P. P. Choudhary addressed the audience and highlighted the advantages of Digital India Program, an initiative taken by his govt. He shared his experience on how he resolved the problems of the people of his constituency (**PALI in Rajasthan**) through e-Darbar while sitting in Delhi (**Power of Digital India Initiative**). **Shri Choudhary** said that if we want to become Digital, we have to focus on train ourselves in Digital Infrastructure, Digital Services and Digital Empowerment. After his keynote address, two panel discussions were held on the following topics:

- 1. Government and Industry Perspective – Achievements, Challenges and Opportunities ahead.**
- 2. Regulatory roadmap and key priorities for realizing a ‘Digital India’.**
- 3. Unlocking India’s Digital Potential by bridging the digital divide: Why flagship initiatives such as Digital India must take Bharat along.**

First Panel Discussion started at **04:55 PM** with the opening remarks by the moderator of the panel **Shri Hemant Joshi**, Partner, Deloitte. The other distinguished panelists were as follows:

- 1. Shri Neeraj Kataria** - Director - Smart Cities, Telecom and Digital Services, PricewaterhouseCoopers.
- 2. Shri Prashanto K Roy** - Vice President & Head, Internet, Mobile & E-Commerce Council, NASSCOM.
- 3. Shri Sandeep Arora** - Director - Marketing and Market Development, Intel India.
- 4. Shri Sandeep Bhargava** - Executive Vice President - Corporate Affairs & Public Policy, Vodafone India Limited.
- 5. Shri Sanjay Kumar** - GM-Sales & Marketing - Corporate, BSNL.

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6. Shri Umang Das - Chairman, ASSOCHAM National Council on e-Governance & Digital India.

In his opening remarks, **Shri Hemant Joshi** categorized the Digital India Program in two parts. First being the one is before Demonetization and the second after Demonetization. Highlights of the discussion were:

1. Different ways and means by which population of villages is to be trained.
2. Definition of Infrastructure to be clarified.
3. Clarity of mindset.
4. To resolve the inter-operability issues by using Aadhar Enabled POS.

Shri Jaideep Dhagat, National Business Head - Govt. & Event (PAN India), ETV news network rendered vote of thanks to the eminent panelists of the session.

Second Panel Discussion started at **05:50 PM** with the opening remarks by the moderator of the panel **Shri Shyamal Ghosh, 1965 Batch IAS officer**, Former Secretary, Department of Telecom, Govt. of India and Former Administrator, USO Fund and Former Chairman, Telecom Commission; Chairman, IPTV Society. The other distinguished panelists of this panel discussion were as follows:

1. **Shri Shehzad Azad** - Chief Business Officer, Spice Digital having 20 years of experience.
2. **Shri Subrata Kumar Mitra** - Director - Public & Govt. Affairs, Huawei Telecommunications India.
3. **Shri Tanmoy Chakrabarty** - Vice President & Head, Govt. Industry Solution Unit - ISU, Tata Consultancy Services.
4. **Shri Tilak Raj Dua** - Director General, Tower and Infrastructure Providers Association.



5. Shri Udai Singh - Chief Strategy Office, NIIT Limited.

Shri Tanmoy Chakrabarty said that India is holding prestigious position in the world in IT sector but is lacking badly in use IT Infrastructure. He emphasized on redefining the role of NIC in the country. He said that people have to learn to create the situation (**MAHAUL**), we have to change our mind to walk along with the changing technology.

Other highlights of the panel discussion are as follows:

1. Need to secure the data from threats.
2. Focus on creating strong digital infrastructure.
3. How to promote cashless economy.

After the panel discussion, Chanel Head **Shri Jagdeesh Chandra** welcomed the **Chief Guest Shri Ravi Shankar Prasad**, Hon'ble Union Minister of Electronics & Information Technology and Law & Justice, Govt. of India.

Shri Ravi Shankar Prasad addressed the audience and laid emphasis on the power of Digital World. He cited several examples of some poor families living in small villages who have no idea how to operate smart phones but they have learnt the technology by their will power and are serving for others too.

He said that demonetization will make India a powerful country within a couple of years and that the government is taking a lot of initiatives to make India a cashless country but it would only be possible when everyone of us will work together in this direction.

The event ended at **7:45 PM** with vote of thanks by **Shri Asheet Kunal, Editor (National)**, ETV News Network to all the dignitaries.



Link of the Event:

https://gnindia.dronacharya.info/events/ETV_2016.aspx?Month=Dec&Year=20

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Name of the Event : 51st Annual Convention - CSI: 2016

Date of the Event : 25-01-2017

No. of Participants : 2

Summary of the Event :

Computer Society of India (CSI) organized its **51st Annual Convention** at **Coimbatore, Tamilnadu** during **Jan 23 - 25, 2017**. The year 2016 Convention focused on the theme **“Digital Connectivity - Social Impact”**. **Ms Shalini Sharma, (SBC, CSI Student Branch, DGI, Greater Noida)** attended the Convention on **25th Jan 2017**.

Session 1: 25th January 2017

Dr Nishanth Chandra from Microsoft Research India, made a detailed presentation on **“Protecting Data and Code in the Cloud”**. He discussed Cloud adoptions trends and the threat model. He also explained the concepts of encryption of data in the cloud environment to protect it from hackers. During his lecture, **Mr Nishanth** also covered System Architecture and Encryption Techniques and Performance Evaluation of the systems.

Dr. Durgesh Kumar Mishra, Chairperson - CSI presented a memento to **Dr Nishanth Chandran**.

Session 2: 25th January 2017

Mr. Srikanth Narasimhan, Distinguished IT Engineer at Cisco Systems presented his view on **BYOD in Digital Era**. He explained the changing trends in the mobile industry from the **Year 2000** to **Year 2015**. He gave overview of the **futuristic five - year span of CISCO**.

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This session ended with memento presentation to **Mr. Srikanth Narasimhan** by **Dr A K. Saini, Chairperson - CSI.**

Session 3: 25th January 2017

51st Annual General Meeting (AGM) of CSI was organized, which was attended by CSI Board Members:

- 1. Prof. Dr Anirban Basu (President - CSI)**
- 2. Mr Sanjay Mohapatra (Vice-President - CSI),**
- 3. Prof. A.K.Nayak (Hon. Secretary - CSI)**
- 4. Mr R. K. Vyas (Hon. Treasurer - CSI)**

70 CSI - SBC from different colleges also attended the meeting. The agenda of the meeting was to confirm the **Annual Report** and **Audit of Accounts** for the **Financial Year 2015 - 16.**

Session 4: 25th January 2017

The eventual carnival of CSI Convention, **CSI Annual Awards Ceremony** was held. SBCs were felicitated with 150 awards under different categories. **Dronacharya Group of Institutions, Greater Noida** won the **Best Accredited Student Branch Award in Region-1.**

Prof. Dr Anirban Basu, Mr Sanjay Mohapatra, Prof. A.K.Nayak and **Mr R. K. Vyas** presented the Best Accredited Student Branch Award to **Ms Shalini Sharma (SBC, CSI Student Branch, DGI, Greater Noida).**

This grand celebration came to an end with the feedback of different Student Branch.



Link of the Event :

https://gnindia.dronacharya.info/events/51AnnualConvention_2017.aspx?Month=Jan&Year=2017

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Name of the Event : Workshop on The Role of NPTEL Local Chapters in the Development of Online Courses

Date of the Event : 31-01-2017

No. of Participants : 6

Summary of the Event :

A one day Workshop on The Role of NPTEL Local Chapters in the Development of Online Courses was organized by Indian Institute of Technology, Kanpur on 31st January 2017 at IPEC, Ghaziabad. Prof T. Bothichandar from Dronacharya Group of Institutions, Greater Noida attended the workshop.

The objective of the workshop was to discuss how courses like **NPTEL** would eventually benefit the students, who can be exposed to lectures and courses being delivered by IIT faculty and also to create awareness about this mission of **MHRD, Govt. of India**, among the faculty members and students.

Dr. P.S. Sharma, Director - IPEC, welcomed the dignitaries and appreciated the effort being made by participating colleges towards use of online education system.

Prof.(Dr) Kushal Sen, Department of Textile Technology - IIT Delhi, focused on challenges and urgencies of improvement. He advised expansion and value addition in technical education particularly in view of geometrical expansion in terms of quantity and quality. He gave a brief presentation on :

- NPTEL Reach
- The NOC Experiments
- Typical Course Page
- NOC Ingredients
- Certification
- Credit Transfer

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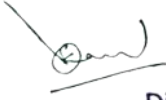
Dr. Sen also gave an overview of **SWAYAM**, an online learning portal, the engineering courses on which are produced and delivered by faculties from **NPTEL**. **Dr. Sen** said that **SWAYAM** is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. He said that the objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. **SWAYAM**, he stated, seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

Prof. (Dr.) Lalit Dutta, Sr. Project Associate (NPTEL) IIT Kanpur, spoke about **MOOCs (Massive Open Online Course)** and explained its effectiveness.

Dr.(Mrs.).Angana Sen Gupta, NPTEL Coordinator, IIT Kanpur, said that the new generation of India is way ahead in **Information & Communication Technology (ICT)**. She presented an elaborate picture of how Internationally ICT is playing an increasing role in the field of education.

The workshop helped participants gain information about **NPTEL** courses and tangible outcomes of the certification courses. It ended with the distribution of Certificates by **Dr. P.S. Sharma (Director-IPEC)** and **Prof.(Dr) Kushal Sen, IIT Delhi**.




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Link of the Event :

https://gnindia.dronacharya.info/events/Workshop_NPTEL_2017.aspx?Month=Jan&Year=2017

Name of the Event : Awareness Workshop for Smart India Hackathon

Date of the Event : 18-01-2017

No. of Participants : 5

Summary of the Event :



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Link of the Event:

https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&Year=2017

Name of the Event : Workshop on Open Modelica - Simulation & Modelling

Date of the Event : 4-01-2017 To 5-01-2017

No. of Participants : 2

Summary of the Event :

Indian Institute of Technology, Bombay organized a **Two Days National Workshop on Open Modelica-Simulation & Modelling** on **4th & 5th January 2017**. The objective of the workshop was to enhance knowledge and skill of the participants regarding the use of **Open Modelica Simulator** in an effective way. Faculty members from 80 Educational Institutions across the nation participated in the workshop.

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Mr. Manoj Kumar Yadav, Assistant Professor, CSE Department from **Dronacharya Group of Institutions, Greater Noida** attended the workshop as a delegate.

The event was graced by the following dignitaries:

- 1. “Padma Shri” Dr. Deepak B. Phatak, IIT Bombay**
- 2. Prof. Kannan M. Moudgalya, Coordinator, Spoken Tutorial - FOSSEE, IIT Bombay**
- 3. Prof. Peter Fritzson, Creator of Open Modelica, Linkoping University, Sweden**
- 4. Bernhard Thiele, Researcher - PELAB, Linkoping University, Sweden**

Day 1: 4th January 2017

The event began with the inaugural speech by **Prof. Kannan**. He emphasized on the need of Simulation Modelling software and said that the Simulation allows the designer to determine the correctness and efficiency of a design before the system is actually constructed. He also explained how the simulators can be used as an effective means for teaching or demonstrating concepts to students by using computer graphics and animation. He gave a brief on the benefits of Using Open Source Software (**software with source code that anyone can inspect, modify, and enhance**), which is the power of transparency to create high - quality, secure and easily integrated software at an accelerated pace and lower cost.



The technical session was conducted by **Mr. Peter Fritzson** who presented a brief description of Open Modelica Simulation and **Modelling Software**. He said that OM is a language for modelling of complex cyber - physical systems like Robotics, Automotive, Aircrafts, Satellites, Power Plants and Systems biology. He further said that the Modelling is primarily designed for simulation, but there are also other usages of models, e.g. optimization and model equations and mathematical functions. He discussed the Multi - domain modelling, which combines electrical, mechanical, thermodynamic, hydraulic, biological, control, event, real - time, etc. He also discussed the properties of Object Oriented Language and said that an Open Modelica Code is strongly typed object-oriented language with a general class concept like **JAVA & MATLAB** and it also supports Visual Component Programming. It contains inbuilt **Modelica Standard Library** for **Graphical Modelling**.

Prof. Peter Fritzson said that **Modelica Standard Library** contains components from various application areas, including sublibraries are Blocks (**Library for basic input /output control blocks**), Constants (**Mathematical constants and constants of nature**), Electrical (**Library for electrical models**), Icons (**Icon definitions**), Fluid (**1-dim Flow in networks of vessels, pipes, fluid machines, valves, etc.**), Math (**Mathematical functions**), Magnetic(**Magnetic.Fluxtubes - for magnetic applications**), Mechanics (**Library for mechanical systems**), Media (**Media models for liquids and gases**), Slunits (**Type definitions based on SI units according to ISO 31-1992**), Stategraph (Hierarchical state machines (**analogous to Statecharts**), Thermal (**Components for thermal systems**) and Utilities(**Utility functions especially for scripting**).

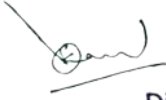
Day 2: 5th January 2017

Mr. Bernhard Thiele gave a presentation on possible extensions to Open Modelica in which he discussed the Tighter Integration with **Functional Mock - up Interface (FMI) Technology**. He said that it is the new standard for model exchange and co-simulation with **Functional Mockup Interface (FMI)** which allows export of pre-compiled models, i.e., C-code or binary code, from one tool to another and vice versa. He said that the FMI standard is Modelica independent. Import and export works both between different Modelica tools, or between certain non - Modelica tools. **Open Modelica supports FMI 1.0 & 2.0.**

Mr. Thiele further discussed Discrete Events and **Hybrid Systems**. He said that **Hybrid Modelling** is a set of variables that are associated with the event e.g. conditional equations that become active.

After the **Q & A session Dr. (Prof.) Kanna M Mouguala** rendered Vote of Thanks.

The event was highly informative and beneficial as it created awareness of the benefits of technology integrated into instruction for effective pedagogical practice in an **Open Modelica Simulator environment**.



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Link of the Event :

https://gnindia.dronacharya.info/events/OpenModelica_2017.aspx?Month=Jan&Year=2017

Name of the Event : IIRS User Interaction Meet (IUIM - 2017)

Date of the Event : 23-02-2017

No. of Participants : 5

Summary of the Event :

Indian Institute of Remote Sensing, ISRO, Dehradun (IIRS) organized **IIRS User Interaction Meet (IUIM - 2017)** with focus on **Capacity Building in Governance** on **February 23, 2017** at **Dehradun**. **Dr. Somnath Sinha** attended the Interaction Meet on behalf of **Dronacharya Group of Institutions, Greater Noida**.

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The inauguration session was held in the august presence of:

1. **Dr. Sarnam Singh**, Convener, IUIM - 2017 & Dean (Academics), IIRS.
2. **Dr. A. Senthil Kumar**, Director, IIRS & CSSTEAP.
3. **Mr. Rajesh Mathur**, Advisor, ESRI India Technologies Ltd.
4. **Dr. Sudhir Krishna**, Former Secretary, Ministry of Urban Development.
5. **Dr. S. K. Srivastav**, Group Director, GT & OP Group IIRS.

The purpose of **IUIM - 2017** was to provide stake holders a platform to communicate and share their experiences in capacity building and recent advances in geospatial technologies. This forum was also used to receive feedback on Training & Education Programmes conducted by IIRS, including Outreach Programme, which would help designing future courses in newer areas relevant to the user community.

Various sessions were held during the day, including:

1. **Geospatial Products, Services and Opportunities.**
2. **IIRS Outreach Program.**
3. **Demonstrations on Geospatial Products, Services and Instruments.**
4. **Academia - Industry Partnership for Geospatial Capacity Building: way forward.**

The program ended with the vote of thanks given by **Dr. Puneet Swaroop**, **Scientist PPEG - IIRS.**



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Link of the Event:

https://gnindia.dronacharya.info/events/Interaction_Meet_2017.aspx?Month=Feb&Year=2017

Name of the Event : India for Innovation Series: ED - TECH Innovation for Impact

Date of the Event : 23-02-2017

No. of Participants : 5

Summary of the Event :

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On **23rd February 2017** a plenary session was organized by **Yes Institute** to specify the **Role of Private Sector in shaping up the Education Ecosystem in India and Public Private Partnership (P-P-P)** in overcoming the challenges in higher education. **Dr. Aditi Paul, HOD IT / CSIT, Mr. Sunil Kumar, Assistant Professor - EEE** along with four students **Yashaswi Chaturvedi, Samiksha Dixit, Yashwant Prabhakar** and **Shubham Kumar Singh** from **Dronacharya Group of Institutions, Greater Noida** attended the session at **Taj Mahal Hotel, Mansingh Road, New Delhi**.

The session was inaugurated by **Ms. Preeti Sinha, Senior President & Glocal Convener YES Bank & YES Institute**. **Ms. Sinha** initiated the session with a vision of Good Quality Education in India in which she emphasized on the K-12 school training. She specified three outcomes of the session by which the higher education in India can be enhanced which are: learning on the go, MOOCs and Distance learning and Game based learning.

Speakers for the first session included:

- 1. Ms. Gowri Ishwaran (CEO, The Global Education and Leadership Foundation and former Principal, Sanskriti School)**
- 2. Mr. Marcus Brunberg (Academic Head, Kunskapsscolan Knowledge School)**
- 3. Ms. Mamta Saikia (COO, Bharti Foundation)**
- 4. Mr. Amitav Virmani (CEO, The Education Alliance)**
- 5. Mr. Deeptiman Das (Chairman & Managing Director, EdCIL)**

Each of the eminent personality shared their work experience in imparting good quality education in their specific domain. They discussed the policies of **Public Private Partnership (P-P-P)** and how effective it can be in educating the children of India. They also focused on the business perspective of **Public Private Partnership (P-P-P)**.



The second session was a Panel Discussion on supporting the **21st Century Skill Development with Technology**. The moderator was **Mr. Arun Maira (Former Member, Planning Commission and India Chairman, Boston Consulting Group)**. The panelists were:

- 1. Mr. Viplav Baxi (Director, Product and Digital Transformation, Oxford University Press)**
- 2. Mr. Shalav Mittal (CEO, School of Social Entrepreneurs)**
- 3. Mr. Dilip Chenoy (Former MD & CEO, NSDC)**
- 4. Mr. Bhanu Potta (Global Executive Member, Worldreader)**

The aim of the session was to highlight the importance of Technology in developing skill in 21st century. Each of the eminent speakers was expertise in their field and contributed in enhancing educational skill in India. **Mr. Viplav Baxi** talked about MOOCs as a means of virtual learning. He focused on how MOOCs can help in enhancing quality education in India.

The second Panel Discussion was on **“Digital Disruption in Education”** which was moderated was **Mr. Ishan Gupta (India Head, Udacity)**. The panelists were:

- 1. Mr. Kannan Bhardwaj (CEO, MathsBuddy Online)**
- 2. Mr. Vipin Agarwal (CEO, Online Tyari)**
- 3. Mr. Akshay Saxena (Founder and Director, Avanti Learning)**
- 4. Mr. Manish Kumar (CEO, SEED School)**

In this session the panelists shared their experiences in achieving success in their respective domain and encourage others to come-up with new ideas to enhance the quality of education in India.

The last session was on “**Catalyzing Capital in ED-TECH Sector**” moderated by **Ms. Preeti Sinha**.

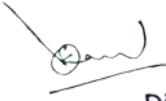
The panelist included:

1. **Ms. Padmaja Ruparel (President, IAN)**
2. **Ms. Nita Kapoor (CEO, VCCircle)**
3. **Ms. Maya Chandrasekar (Menterra Venture Advisor)**
4. **Mr. Karthik Desai (Principal, Asha Impact)**

The session focused on how education can be reached to the remote places of India through joint efforts of Govt. and private sectors. The panelists emphasized on starting new venture, fix up policies to involve Govt. and private sectors in enhancing school level education in India.

The session ended with the closing ceremony by **Ms. Preeti Sinha** with group photograph and vote of thanks.




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Link of the Event:

<https://gnindia.dronacharya.info/events/EDTECH.aspx?Month=Feb&Year=2017>

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Name of the Event : Short Term Course on “Advance DSP with MATLAB”

Date of the Event : 20-02-2017 To 24-02-2017

No. of Participants : 4

Summary of the Event :

A Short Term Course on “**Advance DSP with MATLAB**” was conducted at **NITTTR, Chandigarh** during **20th to 24th February 2017**. The objective of the course was to train and upgrade the faculty in the area of Digital Signal Processing.

The faculty members from various colleges participated in the course which was coordinated by **Dr. Rajesh Mehra (Associate Professor, ECE, NITTTR, Chandigarh)**. **Dr. Rajesh Mehra, Dr. K. C. Lachwani (Assistant Professor, Applied Science)** and **Ms. Shallu Sharma (Research Scholar) NITTTR, Chandigarh** was the resource person of this course. **Mr. Raj Ranjan Prasad**, Assistant Professor of **ECE Department, DGI Greater Noida** attended the workshop as a participant.

Day 1: 20th February 2017

The program was inaugurated by **Dr. Rajesh Mehra**. He discussed the objectives of the course and its contents.

After inauguration, **Dr. Rajesh Mehra** initiated the second session with an overview of DSP and talked about Transformation, Convolution and Correlation. He also explained the need of digital filters and the differences between FIR and IIR filters with respect to design. Later he discussed the uses of DSP with examples.

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During the last session of day **Dr. K. C. Lachwani** discussed MATLAB software and demonstrated 2D and 3D plotting using MATLAB.

Day 2: 21st February 2017

First session of the second day was initiated by **Ms. Shallu Sharma** in which she discussed about different types of transformations and their properties used in DSP. She also focused on the significance of **Region of Convergence (ROC)**.

In the second session, **Dr. Mehra** gave insights into the use of Fourier Transform and z-Transform in DSP. He also explained the significance of impulse response of the systems and use of **Fast Fourier Transform (FFT)**.

During the post lunch session the participants performed experiments on **Discrete Fourier Transform (DFT)** under the supervision of **Ms. Shallu Sharma**.

Day 3: 22nd February 2017

On third day, **Dr. Rajesh Mehra** initiated the session with a discussion Digital Filters, in which he explained different types of window functions used in FIR filter design. He also discussed about filter coefficients and order of the filters.

After a short tea break, **Dr. Mehra** discussed different parameters of the digital filters. Later he explained how to write a program for designing the digital filter with different parameters and specifications in MATLAB software. He then discussed how to simulate and make comparative studies of the simulated filter outputs.



Post Lunch session progressed with the lab session, in which participants performed experiments under the supervision of **Ms. Shallu Sharma**.

Day 4: 23rd February 2017

First session of the day initiated by **Dr. Rajesh Mehra**, in which he discussed Butterworth, Chebyshev and Elliptic IIR filters. He also explained how to compare these filters in MATLAB with different specifications.

During the second session, **Ms. Shallu** spoke about Image Processing and discussed different types of noises in image processing (Gaussian Noise, Poisson Noise, Salt & Pepper Noise and Speckle Noise). Later she discussed about wavelet transformation and explained different type of filters and their uses for De-noising of image.

In last session participants performed experiments on Butterworth, Chebyshev and Elliptic IIR filters which was discussed by **Dr. Rajesh** in first session.

Day 5: 24th February 2017

First session was initiated by **Dr. Mehra**, in which he discussed multirate DSP, and gave overview on up - sampling and down-sampling, Interpolator and Decimator.

In the second session **Dr. Mehra** gave a brief idea about Adaptive DSP.

The presentation was followed by a Valedictory Session. Participants gave their feedback on the course. The STC ended with distribution of Participation Certificates.



Link of the Events:

<https://gnindia.dronacharya.info/events/AdvanceDSP.aspx?Month=Feb&Year=2017>

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Name of the Event : Invest Japan Symposium

Date of the Event : 7-02-2017

No. of Participants : 2

Summary of the Event :

Confederation of Indian Industry (CII) and Japan External Trade Organisation (JETRO) organised an **Invest Japan Symposium** at **Taj Mahal Hotel, New Delhi** on **7th February 2017**. **Mr. Gaurav Siwal**, Assistant Professor, Mechanical Engineering Department, **Dronacharya Group of Institutions, Greater Noida** attended the event.

In the opening Session, **Mr. Vikram Kirloskar, Deputy Chairman, CII and Vice Chairman, Toyota Kirloskar Motor** presented an overview of the event. **Mr. Kenji Hiramatsu**, the Ambassador of Japan to India, welcomed the participants.

Mr. Shigeki Maeda, Executive Vice President, JETRO, discussed about the investment climate in Japan and Business Opportunities for Indian Companies. He discussed Investment Imbalance between Japan and India, misperceptions of Japan, Entry Opportunities for Indian Companies and role of JETRO in establishment of Companies.

Mr. Pradeep Kumar Rawat, Joint Secretary, Ministry of External Affairs, discussed about **India - Japan Bilateral Investment Partnership**. He discussed the existing and upcoming projects as an example of investment relationship between two countries.

Mr. Rajiv Shesh, Executive Vice president , HCL corporation Pvt. Ltd. gave a special company presentation in which he discussed HCL Japan journey and its history. He discussed key relationships in consumer electronics, Office Automation, Computer Manufacturer, Medical Devices, Financial Conglomerate and E-Commerce Industry. He discussed Market Dynamics, Challenges and Key Success Factors.

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Mr. J. K. Menon, Executive Director & CEO, Minda Group, discussed about the company's Vision, Mission and Values. He discussed group's Milestones, Sales Structure, Domestic Footprints, International Presence and benefit of Investment in Japan for global exposure.

Mr. Shinobu Yamamoto, Representative, City Of Yokohama discussed the benefits of investing in state. He discussed ease of transportation, reasonable rental and Leasing Fees and other Geographical and Political benefits of Yokohama State. Other representatives from the city of Osaka discussed about the benefits of investing in their state. They discussed about Osaka Business and Investment Centre, Osaka Chamber of Commerce and Industry and Indian Chamber of Commerce in Japan.

The Program concluded with Vote of Thanks from **Mr. Kauya Nakajo, Chief Director General, JETRO New Delhi**.



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Link of the Event:

https://gnindia.dronacharya.info/events/JapanSymposium_2017.aspx?Month=Feb&Year=2017

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Name of the Event : Short Term Course on Developing Values, Attitudes and Managerial Skills in Teachers

Date of the Event : 6-02-2017 To 10-02-2017

No. of Participants : 2

Summary of the Event :

A Short Term Course on **Developing Values, Attitudes and Managerial Skills in Teachers** was conducted by **NITTTR, Chandigarh** during **6th to 10th February 2017**. The basic objective of the course was to understand the essential values and attitude that are required in a teacher. The workshop was organized at **Dronacharya Group of Institutions, Greater Noida** through **ICT**. The faculty members of all the departments participated in the workshop which was coordinated by **Ms. Gargi Amoli (Assistant Professor, Information Technology)** and **Ms. Monika Sinha (Assistant Professor, MBA)**.

Day 1: 6th February 2017

The program was inaugurated by **Dr. Rakesh Kumar Wats (Professor and Head Media Centre, Continuing Education Centre, NITTTR Chandigarh)**. He discussed the objectives of the course and its contents.

Dr J S Saini initiated the first session with a presentation on **Technical Education Challenges**. He discussed the major challenges faced by technical educations like enrolment of adequate number of students, placement of students and hiring efficient faculty. He pointed out the issue of scarcity of resources in Research and Development domain in India. There was a discussion on the ease of access and availability of the open source tools. He talked about the types of National Skill Development Programs that are being conducted by the Ministry of MHRD.

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Dr. Wats gave a presentation on **Technical Teachers Role, Competencies and Effectiveness**. He started the presentation with the discussion on the problem of inadequacy of teachers and showed a short video depicting the vastness of information present in the world and the role of teacher in imparting the knowledge to the students. Later, the participants gave their views on the roles and responsibilities of a teacher.

Dr. Wats showed another video presentation of **Dr M P Poonia, Director, NITTR Chandigarh** on **Management Skills**. In his presentation, **Dr Poonia** defined **“Attitude”**. He gave examples of attitudes of people in society. He also gave real life examples of positive attitude depicted by people in society. He shared highly motivating facts about the challenging lifestyle of an eagle. With the help of an example, **Dr Poonia** discussed how tasks are required to be executed in a work place. The session concluded with a discussion on the characteristics of a good human being.

Day 2: 7th February 2017

The session was initiated by **Prof. Dr. Vidhu Mohan (Consultant & Trainer)** with a presentation on **Teacher as an Effective Manager- Personality Traits**. **Prof. Mohan** discussed the qualities of a good teacher. There was a discussion on the types of leaders: Transactional Leader and Transformational Leader. She then stated the properties of a transactional leader like contingent reward and management by exceptions. She further stated the characteristics of a transformational leader like charismatic, inspiring, intellectual stimulation and individualized consideration.

The presentation on **Teacher as an Effective Manager- Personality Traits** was followed by the presentation on **Johari Window**. **Dr Vidhu** gave an overview of the **Johari Window**.



Dr. Sunil Dutt (Faculty In-Charge Academic Cell, NITTTR Chandigarh) gave a presentation on **Motivating Self and Others**. He initiated his presentation with a talk on the importance of motivating self. He quoted, **“You can lead a horse to water but you can’t make him drink unless you give him plenty of salt first”**. There was a discussion on **Abraham Maslow’s Hierarchy of Needs**. The hierarchy includes physiological needs, safety needs, social needs, self - esteem needs and self-actualization needs. **Dr Dutt** narrated a list of factors that demotivate individuals. The major demotivating factors discussed included negative criticism, public humiliation and fear of failure. The session concluded with a short exercise in which the participants stated the factors that motivate them.

Day 3: 8th February 2017

Dr Sanjay Kaushik (Director, ICSSR) initiated the session with a presentation on **Effective Communication Skills**. He talked about the importance of correct feedback. He said that feedback needs to be taken on time. He categorized feedback as Formal and Informal. He stated that every communication has an objective which must be fulfilled.

Dr Wats gave a presentation on **Developing Leadership**. He defined leadership as an interpersonal influence exercised in a situation for the achievements of objectives. He talked about influence and power. He categorised power as Formal and Informal. He then classified leader as Poor, Formal, Charismatic and Good Leader. He defined efficiency as achievement of target using optimal number of resources. He then shared the qualities of the great leaders of the world like **M K Gandhi, Napoleon Bonaparte** and **Subhash Chandra Bose**, etc. He also discussed the factors of leadership.



Er Amardev Singh, Assistant Professor, Entrepreneurship Development & Industrial Coordination, NITTTR Chandigarh, gave a presentation on **Positive Thinking for Individual Excellence**. He initiated his presentation with a discussion on desire. He described the categories of human desire. He differentiated between ambition and desire. Then there was a talk on human relationships.

Day 4: 9th February 2017

Ms. Manjula, Consultant, Transformers Value Creators, Panchkula gave a presentation on **Emotional Intelligence**. She initiated her presentation by showing a video clip from the movie **“3-Idiots”** depicting low emotional intelligence of **Viru Sahstrabuddhi**. She stated that personality is a combination of mental ability and emotional intelligence. 20% of our success depends upon our IQ and 80% depends on our EQ.

Dr J S Saini, Professor & Head, IMCO Department gave a presentation on **Entrepreneurial and Risk Taking Abilities for Effectiveness**. He started the presentation with a statement, **“Entrepreneurship and risk go hand in hand”**. He discussed the need for entrepreneurship. There was a discussion on entrepreneurial growth process. He talked about the initial, middle and terminal stages of entrepreneurship. He stated **Joseph Schumpeter’s** definition of entrepreneurship: Entrepreneurship is a creative activity, the entrepreneur being an innovator who introduces something new into the economy, a new method of production not yet tested by experience in the branch of manufacture concerned, a product with which the consumers are not familiar, a new source of raw material or of new market hitherto unexploited and other similar innovations.

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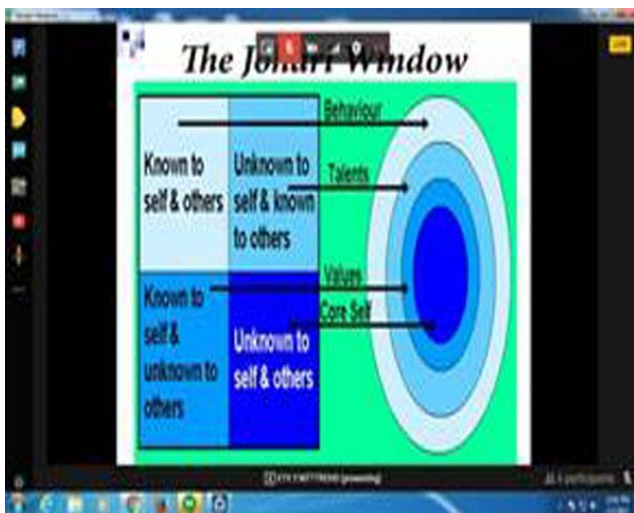


Day 5: 10th February 2017

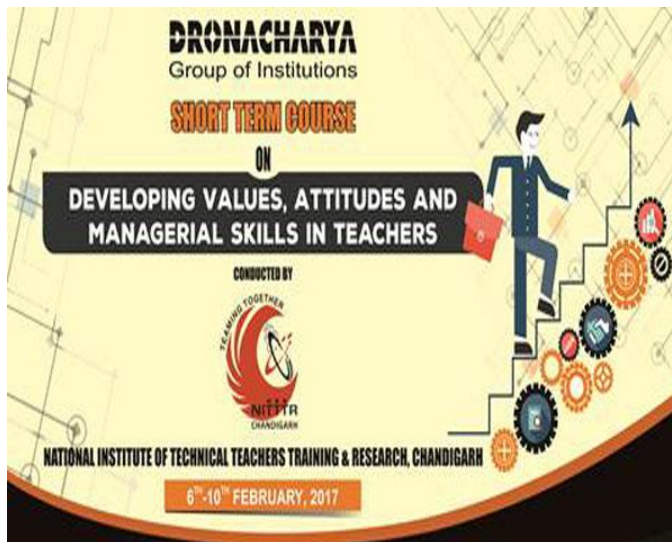
The session was initiated with a presentation by **Dr. Sanjeev Sharma** on “**Interpersonal Relationship Skills**”. He talked about the interpersonal role of teacher. He discussed the interpersonal relationship for an individual and suggested that it is important that an individual maintains his personal identity. He emphasized on improving intra and inter team communication, coordination and cooperation. Participants shared their professional/personal life experiences where in interpersonal communication seriously broke down.

The presentation was followed by course valediction. It was hosted by **Dr Wats**. The participants of all the institutes gave their suggestions and feedback of the workshop. **Ms Gargi Amoli**, Assistant Professor, Computer Science & Engineering, **Dronacharya Group of Institutions, Greater Noida** gave her feedback and suggestions to make the workshop more effective.

The session concluded with the Vote of Thanks rendered by **Dr Wats**. The sessions of the workshop had been very informative and interest - arousing.



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Link of the Event:

https://gnindia.dronacharya.info/events/Developing_Values_2017.aspx?Month=Feb&Year=2017

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Name of the Event : Orientation Workshop of the Remote Centre Coordinators

Date of the Event : 30-03-2017

No. of Participants : 6

Summary of the Event :

A one day **Orientation Workshop of the Remote Centre Coordinators** was organized on **30th March 2017** at **IIT Bombay**. The purpose of the workshop was to ponder upon the FDPs held so far and discuss and plan future activities of ISTE sponsored NMEICT workshops for the next year. A discussion on the financial support to be provided to Remote Centres through the NMEICT project was also planned. **Mr. Ashwani Kumar** attended the workshop on behalf of **Dronacharya Group of Institutions, Greater Noida**.

The Workshop started at 9:45am after the registration of participants. **Padam Shree Dr. Deepak B Phatak**, Principal Investigator – NMEICT Project and Professor, Dept. of Computer Sc. and Engg. IIT Bombay, welcomed his counterpart from **IIT Kharagpur**, **Prof. P. K. Biswas**, **Prof. S. K. Varshney** and **Mr. Subrat Nayak**. He informed that out of the 353 RCs 245 had sent their RCCs for the workshop. He thanked all for their support and enthusiasm for contributing to the national initiative of teachers' empowerment. He said that more than 1 lakh teachers have already benefited by such effort.

Dr. Phatak highlighted the following other issues:

- The national mission has been extended for one more year (till March 2018). The extension in the project has been possible due to the effort of **Mr. R. Subrahmanyam** -Additional Secretary (TE)
- **SAP India** came forward and helped in part-funding

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- 4000 candidates registered for the non-funded, like 1. Use of ICT in Education and Blended Learning 2. Technical Communication.
- Participants for all future ISTE workshops will have to submit a copy of their **Aadhar Card** while registering
- **Rs.1.4Lakh** additional fund will be released to the RCs which can be used for the upkeep of the existing A-View hardware. RCs will have to submit a simple Utilization Certificate against the fund.
- A-View facility acquired through funding should be made available for other workshops/events if so desired by any stakeholders of NMEICT
- Briefly discussed KOHA, first open-source **Integrated Library System (ILS)**, **NVLI-National Virtual Library of India**,
- **Digital Library of India (DLI)**, a digital collection of freely accessible rare books collected from various libraries in India.
- 36000 librarians from colleges and another 30000 from Public Libraries are to be trained on Library software and platforms.
- Project **Seven Million Solar Lamps**, scheme launched by the Ministry of New and Renewable Energy (MNRE), GoI. The scheme aims to provide 70 Lakhs solar lamps to as many rural school students in the states of Uttar Pradesh, Bihar, Jharkhand, Odisha and Assam, with emphasis on 'localization through skill transfer' and 'entrepreneurship development'.
- **J.P.Morgan College to Corporate Program**, meant for 3rd and 4th year engineering students
- Eight FDPs to be conducted in the next year, 3 by IIT Kharagpur, 5 by IIT Bombay.
- Training of Teachers in ICT must be made mandatory, AICTE may come up with some enforcement
- Online submission of Quizzes and Assignments are subjected to Peer Review. Several duplicate submissions were identified during "Use of ICT in Education and Blended Learning". Teachers copying assignments is a very sad matter. All such teachers were made to upload an apology letter.



Post Tea-break, **Dr. Kalpana Kannan**, Senior Project Manager, Department of CSE, IIT Bombay, conducted a session on “Implementing MOOCs through IITBombayX. She said that IIT Bombay first launched Distance Education Program in the Year 2000, CDEEP in 2002, eklavya in 2005, Teach 1K Teachers in 2009, T10KT in 2012 and then came up with IITBombayX in 2015 so that maximum students and faculty may reap benefit . She pointed out that though there are several other online platforms for engineering education like edX, Coursera, Udacity and FutureLearn but IITBombayX has been designed with an Indian touch. She also put forward her apprehension that even though the enrolment is fair enough on such platforms but the final course completion percentage has been lying between 8-10% only.

Post Lunch, Dr. S.K. Varshney and Dr. P.K. Biswas, both Co. PI – IIT Kharagpur, gave a glimpse of the ISTE workshops conducted by IIT Kharagpur so far. He informed the RCCs that the notification for nomination of Workshop Coordinator for the forthcoming ISTE Workshop on Electrical Power System has been issued.

The one week ISTE STTP for Coordinators workshop will be held during **1st May to 5 th May 2017**. Post the Coordinator Workshop, 6 days ISTE STTP on Electric Power System will be held during **July 10, 2017 to July 15, 2017** under **Blended MOOCs** (Massive Open Online Courses) model. The Main Workshop will be conducted by **Prof. N K Kishore**, Department of Electrical Engineering, IIT Kharagpur, **Prof. S A Soman** , Department of Electrical Engineering, IIT Bombay and **Prof. Gautam Bandyopadhyay**, Department of Electrical Engineering, IEST Kolkata.

The participating teachers will have to complete the equivalent of two-week full time work online, spread over 6 physical weeks where video lectures and assignments will be uploaded beforehand. Some selected Main Workshop participants will also have to make video lectures for peer faculty and students. There will also be a system of students' feedback in the Main Workshop.



IIT Kharagpur session was followed by a session on A-VIEW by **Mr.Sajjan Dixit & Mr.Sushant** from IIT Bombay and **Mr.Subrat Nayak** from IIT Kharagpur. They explained how to use the A-View hardware. They also urged the RCCs to let teachers use AView for their lectures. He also informed that in order to help understand the use of A-View locally, a demo session is being planned in the month of May 2017, for the A-View coordinators.

Ms.Shweta and Ms.Aditi from IIT Bombay gave a demonstration on Blended MOOCs. They said that the use of platforms like SWAYAM, IITBX and NPTEL should be encouraged amongst students. If certain percentage of Internal Marks is attributed to the use of the MOOCs, students will be motivated to learn from these sources. Dr. Kalpana said that Educate, Engage, Entertain and Empower are the elements of MOOCs.

During his session, **Dr. Sameer S.Sahasrabudhe**, Senior Project Manager, Dept of Computer Science and Engg., IIT Bombay gave a description of Skill Development Course on Animation that he is conducting. He shared some of the success stories of his students. He reaffirmed that there is no pre-requisite to enroll for his Skill Development Course on Animation. The only thing required is self-motivation. Students can enroll and persue at their own pace. A person of any age and any academic background can enroll for Animation course. Dr.Sahasrabudhe said that he will next be starting a course on Gaming but having successfully completed the Animation Course will be a mandatory eligibility criteria to enroll for it.

During the Session on Action Agenda, Prof.Phatak, said that 4051 participants enrolled for the FDP on Use of ICT in Education which was held during May-June 2016. Out of these 4051 participants, 2193 successfully qualified for the certificate out of which 383 had excelled. 253 participants from among these were chosen for the cash award.



Dr. Phatak advocated use of Blended MOOCs and Flipped Classroom for the active learning of the students. He said that there are plans to add Remote Centres from the state of Bihar, Eastern U.P., and North-Eastern States. He also advised the Remote Centres to become Educational Hub and share technology with the schools and colleges in their vicinity which do not have such facility.

During the last session of the day, **Prof. Kannan Moudgulaya**, Department of Chemical Engineering, IIT Bombay, gave a demonstration of “**PLICKERS**”. He said that Plickers is a powerfully simple tool that lets teachers collect real-time formative assessment data without the need for student devices. It can be used for quick checks for understanding to know whether students are understanding big concepts and mastering key skills. It engage all students in critical thinking and gives them a chance to participate and engage in learning without feeling self-conscious. Use of Plickers eliminates the need of students to log-in on a computer or even open the right app. Plickers integrates seamlessly into the way teachers already teach.

He advised teachers to transform from “**Sage on the Stage to Guide on the Side**”

The Orientation Workshop for Remote Centre Coordinators ended with the Vote Of Thanks proposed by Dr. Kalpana Kanan.





Link of the Event : <https://gnindia.dronacharya.info/events/events-Mar-2017.aspx?Month=Mar&Year=2017>

Name of the Event : Short Term Course on “Embedded World”

Date of the Event : 20-03-2017 To 24-03-2017

No. of Participants : 2

Summary of the Event :

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A Short Term Course on “**Embedded World**” was organized at **NITTTR, Chandigarh** during **20th to 24th March 2017**. The basic objective of the course was to train and upgrade the faculty in the area of embedded system.

Mr. Anoop Mishra, faculty **Department of EEE, Dronacharya Group of Institutions, Greater Noida** attended the workshop as a participant.

Day 1: 20th March 2017

The STC was inaugurated by **Dr. Kanika Sharma (Associate Professor, ECE, NITTTR, Chandigarh)**. who discussed the objectives of the course and its contents. The participants introduced themselves and shared their expectation from this course.

Dr. Kanika Sharma initiated the session with an overview of embedded system and talked about embedded processor, real time system processors etc. She also explained the need of **Real Time Operating Systems (RTOS)** and the differences between embedded processors and RTOS. She gave a brief idea about the classification of Embedded Systems i.e. Small Scale Embedded Systems, Medium Scale Embedded Systems, Sophisticate Scale Embedded Systems Later, she discussed the uses of embedded system with examples from our day today life.

Day 2: 21st March 2017

First session of second day was conducted by **Dr. Baban Kumar- Scientist, Central Scientific Instruments Organization (CSIO) Chandigarh** in which he discussed different types of Peripheral Interface Controller (PIC), Microcontroller and their properties. He also focused on the significance of PIC microcontroller.

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In the second session, **Dr. Baban Kumar** explained interfacing of PIC microcontroller with real world. He cited several examples like LED interfacing and other industrial load interfacing. He also explained the popularity of pic microcontroller in present scenario.

Last session of the day was conducted by **Dr. Anil Kumar (Associate Professor, Chandigarh College of Engineering and Technology, Chandigarh)**, in which he discussed about data parallel issues and MMX processors.

Day 3: 22nd March 2017

On the third day **Dr. Bhaskar Gupta (Associate Professor, CCET Chandigarh)** conducted a session on MIPS processors (Microprocessor without interlocked pipeline stages), in which he explained different types of MIPS. He said that MIPS implementations are primarily used in embedded system such as Windows CE devices, routers, and residential gateways.

After a short tea break, **Dr. Bhaskar** started the second session where he discussed multi-processor systems. He explained the use of two or more central processing units in a signal computer system.

In the last session of the **Dr. Bhaskar** continued with modeling of multi processors systems. He explained its theoretic approach to develop and analyse the performance of homogeneous multiprocessor computer system evolving in a random environment.



Day 4: 23rd March 2017

First session of day was conducted by **Dr. Sandeep Singhal (Senior Scientist Central Scientific Instruments Organization (CSIO) Chandigarh)**, in which he discussed embedded system in IOTs. He explained about the popularities of the IOTs in all field of technology in present scenario. He further shared some details about his research work on these fields.

In the second session, **Dr. Sandeep** talked about issues and challenges in embedded systems. He explained how to overcome the problem that occurs in embedded system design.

In last session of the day **Dr. Kanika Sharma** explained about the application of embedded in wireless sensor network. She discussed the issues and challenges in this field.

Day 5: 24th March 2017

First session was conducted by **Mr. Suprit Singh (Associate Professor, BBSBEC Punjab)** in which he discussed ARM processors and its application in embedded system. He also explained Arduino and its interfacing with Android application.

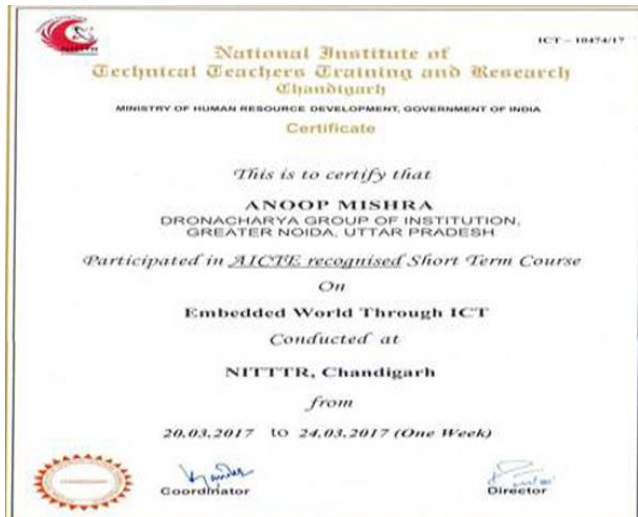
In the second session **Mr. Singh** gave hands on training on Arduino & ARM processors.

The presentation was followed by the Valedictory Session and interaction with remote centers. Participants gave their feedback on the course.

The STC ended with the distribution of participation certificate.



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Link of the Event:

https://gnindia.dronacharya.info/events/Embedded_World_2017.aspx?Month=Mar&Year=2017

Name of the Event : workshop on DELNET Discovery Services, Open source Software & Communication Skill for LIS Professionals

Date of the Event : 4/3/2017

No. of Participants : 7

Summary of the Event :

DELNET organized a one day workshop on **DELNET Discovery Services, Open source Software & Communication Skill for LIS Professionals** on **4th March 2017** in collaboration with the **Integrated Academy of Management and Technology (INMANTEC), Ghaziabad, Uttar Pradesh**. **Ms. Shweta Rani**, Assistant Librarian **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

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The workshop was inaugurated by Chief Guest **Dr. Pankaj Gupta - Director - INMANTEC, Ghaziabad** in the presence of **Dr. H. K. Kaul - Director - DELNET**, **Dr. Sangeeta Kaul - Network Manager - DELNET** and **Dr. Rajesh Kumar - Librarian - INMANTEC, Ghaziabad**.

Dr. H. K. Kaul made a presentation on **Managing Quality Resources & Services: New Trends & Technologies**, which covered library infrastructure, librarian control, control of knowledge, software, control of technology, etc.

Dr. Sangeeta Kaul made a brief presentation on **DELNET (Developing Library Network)**. She said that DELNET's objective is sharing of resources among the libraries by developing a network of libraries, by collecting, storing and disseminating information and by offering computerized services to the users. DELNET have more than 5778 member worldwide and **Dronacharya Group of Institutions, Gr. Noida** is one them. **Dr. Kaul** said that **DELNET** has launched a new discovery portal on January 10, 2017 for member libraries. Through this portal, users can access research articles, thesis, books, etc.

Dr. Kaul also explained the **Open Source Library Software Koha**. She said that **Koha** is the first open-source Integrated Library System (ILS) in use worldwide and this is the world's first free and open source library system. DELNET has launched its first library software **DELPLUS 2.0**, which is multi-user library application and library management software. The focus of this software is to modernize and network the libraries across India. Some other software like Drupal Joomla, DSpace (Institutional Repository), Green stone for e-printing, Coral (Electronics Resource Management Systems), DuFTs (For Articles), Viper (anti Plagiarism Scanner), Big Blue Button (Web Conference), Web Huddle (Institution Meeting), Audacity (audio editor & recorder) were also explained.

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Mr. Kaushal - Network Junior Assistant of DELNET explained the DELPLUS Software. He said that it is designed and developed exclusively to work under all kinds of libraries and is also Free up gradation, Follows internationally recommended standards and formats such as MARC 21 and is best for small and medium size libraries which have collections of around one lakh holdings.

The workshop ended with the Certificate distribution and vote of thanks by **Dr. Rajesh Kumar - Coordinator, DELNET Workshop.**





Link of the Event :

https://gnindia.dronacharya.info/events/DELNET_2017.aspx?Month=Mar&Year=2017

Name of the Event : International Conferencetitled 'Skills in Management and Applied Sciences'

Date of the Event : 24-04-2017 To 25-04-2017

No. of Participants : 8

Summary of the Event :

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A **Two Day International Conference** titled '**Skills in Management and Applied Sciences**' was organized by the PG Department of Information Technology & Business Management and PG Department of Business Innovations, **SCD Govt. College, Ludhiana** in collaboration with **Higher Education Institute Society (HEIS)** on **24th - 25th April 2017**. **Dr. Sunil Mishra** and **Dr. Sahab Singh**, both Associate Professor from **Dronacharya Group of Institutions, Greater Noida** chaired the session of the Conference and also presented their papers titled "**Cognitive Learning through ICT**" on **25th April 2017**.

The objective of this conference was to explore the ideas of Commerce and Science scholars, industry experts and educational professionals by bringing them at a single platform to improve the awareness on recent trends in the field of Commerce, Management, IT etc.

The conference opened on **24th April 2017** and was graced by eminent guests:

- 1. Dr. Tejinder Sharma**, Professor - Department of Commerce, Kurukshetra University, Kurukshetra;
- 2. Dr. Raj Kumar**, Professor - Department Of Commerce, Himachal Pardesh University, Shimla;
- 3. Dr. Jasveen Kaur**, Head - University Business School, Guru Nanak Dev University, Amritsar;
- 4. Dr. B. B. Goel**, Professor - University Business School, Panjab University, Chandigarh;
- 5. Dr. S. K. Chadha** Professor - University Business School, Panjab University, Chandigarh;
- 6. Dr. Sanjay Modi**, Professor and Senior Dean - Lovely Professional University, Jalandhar;



7. Dr. Navpreet Singh Noorie, Head - Department of Mathematics, Punjabi University, Patiala.

They were heartily welcomed by **Dr. Dharam Singh Sandhu**, the Principal - SCD Govt. College, Ludhiana.

The Principal elaborated upon the purpose of the conference which was to bring to fruition the mission of **Prime Minister Narendra Modi** to transform India with Skills and Innovations.

As is customary, divine invocation was sought with the ceremonial lighting of the lamp by the **Hon'ble Chief Guest Mr. Nirmal Jain, MD, NEVA Group** and Former Student of the College.

Addressing the participants **Dr. Ashwani Kumar Bhalla, Convenor & Professor, SCD Govt. College, Ludhiana**, welcomed all intellectuals, research scholars and participants and stressed that Skill Development and Knowledge Creation is one of the key areas where institutions and key decision makers need to focus upon.

Dr. Harbilas Heera, Associate Professor - Commerce presented a paper on the Finance to spread awareness of financial inclusion and its impact on the growth of an organization among participants.

Dr. Sunil Kumar Mishra discussed the contribution of global integration and technologies as key factors in improving internal efficiency, promoting the quality of teaching - learning and also providing value - based education with fewer budgets.

Concluding the session **Dr. Sahab Singh** shared his views on the relevance of hypothesis, ANOVA, Chi, SPSS and other tools in carrying out qualitative research in various fields.



The conference was informative, knowledgeable and insightful as the participants got an opportunity to interact with the experts who came from across the globe. The researchers learnt the relationship between Applied Sciences, Skill Management, Mathematics and other disciplines.

The Conference ended with the distribution of Memento to the Guests and Participants.



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Link of the Event :

https://gnindia.dronacharya.info/events/Skills_Management_2017.aspx?Month=Apr&Year=2017

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Name of the Event : 9th EDUConvEx On Leveraging English Language to Enhance Subject Learning

Date of the Event : 15-04-2017

No. of Participants : 5

Summary of the Event :

9th EDUConvEx on the theme “**Leveraging English Language to Enhance Subject Learning**” was organised at **AirForce Auditorium, Subrato Park, New Delhi** on **15th April 2017**. Three faculty members **Dr. Sunil Kumar Mishra, Dr. Sahab Singh and Ms. Rasveen** from **Dronacharya Group of Institutions, Greater Noida** attended the conference.

The objective of this conference was to provide an opportunity and platform for individuals, institutions and educational professionals to participate in discussion on the importance of leveraging English Language to enhance subject learning in various streams.

In the inaugural address of the conference **Prof. M. M. Pant, Founder, LMP Education Trust and former Pro-Vice Chancellor, Indira Gandhi National Open University (IGNOU) New Delhi** expressed that academicians need to focus on creativity and innovation as these are important attributes of language learning. He further emphasised on the inter-connection of language skills with subject learning in classrooms and beyond. **His lecture was followed by a brief speech** delivered by **Ms. Vijaya Padma Srinivas, Sr. Assessment Services Manager, South Asia, Cambridge English Language Assessment, UK** who was of the opinion shared that every teacher should conduct activities like Group Discussion, Debate, extempore, etc. so that the students start learning second language. She stated that making such an ambience is the responsibility of teachers only. She also talked about the role of resume writing, job application, grammar, sentence formation, interviews, listening skills etc. in getting employable and leading from the front.

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Another seasoned speaker Mr. John Kerr CEO of Qualifications and Assessments International, UK shared that the teachers have to play vital role in shaping the careers of their students. They will need to teach not only to the syllabus but also be responsible for developing their overall personality in addition to ensuring communication skills. He firmly expressed that to be successful in the present competitive world, one must have the abilities to learn swiftly in English right at the school stage.

Mr. John Robertson, Head of ESL at Woodstock School, Mussoorie, India reminded that English language has become a kind of passport to the future. He emphasised on acquisition of skills which are fit for expression and impression. He stated that every teacher irrespective his expertise and subject should ensure language skills in his students for making them employable.

The conference was interesting as around 450 attendees learnt the significance of effective skills development for employability, innovative educational and career pathways for success. Every speaker stressed the importance of using an innovative techniques and diverse teaching strategies to give young people the skills and competencies required for future success in a changing world.

It was a nice platform where the participants also got a chance to share their Strategies, Approaches and Ideas for imparting innovative and quality education leading to employability.



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Link of the Event :

https://gnindia.dronacharya.info/events/9th_EDUConvEx_2017.aspx?Month=Apr&Year=2017

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Name of the Event : Seminar on Evolving Integrated Geospatial Policy and Strategy for India

Date of the Event : 4/12/2017

No. of Participants : 3

Summary of the Event :

Association of Geospatial Industries (AGI) organized a **Seminar on Evolving Integrated Geospatial Policy and Strategy for India on April 12, 2017** at **India International Centre, New Delhi**. **Mr. Gyanendra Kumar** and **Ms. Krishna Goala**, Assistant Professor, Civil Engineering Department **Dronacharya Group of Institutions, Greater Noida** attended the Seminar.

The Seminar was inaugurated by **G. Satheesh Reddy**, Scientific Advisor to Defense Minister and **Mr. Srinibas Patnaik**, Secretary General, AGI who delivered the Welcome Address.

Mr. Sanjay Kumar, President, AGI opened the session with his talk on **Geospatial Value in Indian Economy: Prospects and Challenges** . He said that Geospatial Information Policies play a key role in addressing legal and administrative requirements which enable easy access, data quality, ownership clarity and integrity of Geospatial Information (GI). With Geospatial Information becoming ubiquitous, the need for a single comprehensive, co-ordinated and cohesive GI policy is an imperative. Considering the need for one NGP, AGI Governing Council decided to set up a Working Committee for National Geospatial Policy.

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Session 1

Dr. Shailesh Nayak, Distinguished Scientist, Earth System Science Organisation, Ministry of Earth Sciences started the session with the introduction of earth sciences and Geospatial Policies. He said that there are few countries that are using and developing Geospatial Technologies but when we talk about US and China, they are harnessing the best potential of the GIS and RS since years. **Dr. Nayak** further added that there should be three goals in developing the Geospatial policy and technology i.e.:

- Timely and easy access to the data to various stakeholders.
- Must have decision support system.
- Institutional mechanism for training and providing world class GIS technology.

Ms. Bharti Sinha, Executive Director AGI presented the Rationale and Relevance of this open session to discuss the need of a comprehensive, cohesive and collaborative Geospatial Information Infrastructure, Policies and Framework for India. She said that the usage of Geospatial Information is now being driven primarily by technological advancements, industry requirements and value derived from its usage.

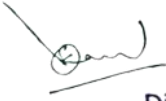
Session 2

A Panel Discussion on Evolving Integrated Geospatial Policy and Strategy for India was held with the panelists included **Dr. P.G. Diwakar**, Scientific Secretary (ISRO), **Dr. Swarna Subha Rao**, Surveyor General of India, **Dr. Bhoop Singh**, Head NRDMS & NSDI, **Lt. Gen AKS Chandel (Retd)**, President, Defense Security and Public Safety, **Mr. Rajan Aiyar**, Senior Vice President, AGI, **Mr. Srinibas Patnaik**, Senior Director, Digital Globe, **Mr. Rakesh Verma**, President, SAMA and **Mr. Sanjay Kumar** chaired the panel discussion.

The panel discussed and agreed for a National GI Policy which is Cohesive, Comprehensive and coordinated with everything at one place and recommended for DST to play a proactive role in bringing co-ordination with Specific Guidelines and timelines. The participants representing the cross section of geospatial industry also shared their views at the open session. A consensus was reached among the panel and the participants agreed on 10 point resolutions which would be shared with the concerned government departments

The Seminar served as a single platform to discuss the concerns and challenges of Indian geospatial industry and thereby steer the industry towards a growth path and work towards promotion and propagation of Geospatial Technologies for the benefit of society at large.




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Link of the Event: <https://gnindia.dronacharya.info/events/seminar-agi.aspx?Month=Apr&Year=2017>

Name of the Event : One Week ISTE STTP for Coordinators on "ELECTRIC POWER SYSTEM"

Date of the Event : 1-05-2017 To 5-05-2017

No. of Participants : 4

Summary of the Event :

A **One Week ISTE STTP** for Coordinators on "**ELECTRIC POWER SYSTEM**" was organized at IIT Khagarpur under **10K™** program of **National Mission on Education through ICT, MHRD, Govt. of India** during **1st May 2017 to 5th May 2017**.

The objective of this workshop was to provide a complete orientation to the faculty members who will act as **Workshop Coordinators** during the main workshop which would be held from **10th July to 15th July 2017**. **Mr. Dinesh Kumar**, Assistant Professor, Department of Electrical & Electronics Engineering, **Dronacharya Group of Institutions, Greater Noida** attended Coordinators workshop which was attended by 197 participants from different colleges all across the country including **Amal Jyothi College of Engineering, Kanjirappally, Kottayam, Anna University, Chennai, Amrita School Of Engineering –**

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Kollam (Kerala), **Don Bosco College of Engineering & Technology**, Azara, Guwahati, **Vivekanandha College of Engineering for Women**, Tiruchengode, Namakkal, **St. Xaviers Catholic College of Engineering**, Chunkankadai, Kanyakumari, **Manipal Institute of Technology**, Manipal, Udupi, **College of Engineering - Pune (Maharashtra)**, **Shri Mata Vaishno Devi University**, Katra, Udhampur, **Dr. D.Y. Patil Institute of Engineering & Technology**, Pimpri, Pune, **National Institute of Technology**, Agartala, **National Institute Of Technology - Kurukshetra (Haryana)**, **Bharati Vidyapeeth College of Engineering**, Navi Mumbai, Thane, **National Institute of Technology**, Silchar, Cachar, **Maharaja Agrasen Institute of Technology**, Rohini - New Delhi, **Dronacharya College of Engineering**, Farrukh Nagar, Gurgaon, **Birla Institute of Technology**, Mesra, Ranchi and **National Institute Of Technology - Raipur (Chhattisgarh)**.

Day 1: 1st May 2017

The workshop was inaugurated in Kalidas Auditorium, Vikramshila Complex IIT Kharagpur by **Padma Shri Dr. D. B. Phathak**, IIT Bombay. Following distinguish guest were present during the inauguration:

- **Prof. Simran Bhattacharyya**, Deputy, Director, IIT Kharagpur
- **Prof. Adrijit Goswami**, Dean, Continuing Education, IIT Kharagpur
- **Prof. Raja Datta**, Principal, Investigator 10K™, NMEICT, IIT Kharagpur
- **Prof. Shreevardhan A Soman** , Department of Electrical Engineering, IIT Bombay
- **Prof. Gautam Bandyopadhyay**, Department of Electrical Engineering, IEST Kolkata
- **Prof. N. K. Kishore**, Department of Electrical Engineering, IIT Kharagpur.

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After the inauguration **Prof. N. K. Kishore** highlighted the analytical approach of **Understanding Power System**. He explained the significance of this subject not only in Electrical Context but also with respect to various other streams of science. He then introduced other eminent Faculty members associated with the course.

During the post lunch session there was a lecture on **Component of Power System** by **Prof. Gautam Bandyopadhyay**. He discussed the major components of the **Electrical Power, Transmission Types, Synchronous Generator Model, Load Modeling** and **Power Flow** through a short, medium and long transmission line.

After Tea break the session was conducted by **Prof. N. K. Kishore** in which he briefed about the **Renewable Energy Sources**, need for the alternate energy sources and its advantage and disadvantages.

Day 2: 2nd May 2017

The Morning session started at 9:30 A.M with the lecture on **Basic Tools of Analysis** by **Prof. Gautam Bandyopadhyay**. He discussed the significance of **Coordinate System, Overflow Diagram** and **Load Flow Analysis**. He ended the session with economic operation of the plant.

Thereafter the session was dedicated for the discussion of **Stability of Power System** and the use of the software **PSCAD** to find the stability. **Prof. Banoyopadhyay** continued with a lecture on **Faults in the Transmission Lines**. Participants were introduced to **Scilab**, which is simulation alternative to **MATLAB** software.

After the end of the teaching session on second day all the participants visited "Science Museum" where **Basic Laws of Science** were depicted with simple experiments.



Day 3: 3rd May 2017

The First session of the day began with a discussion on the **Governance** by **Prof. Soman**. He said that these are used to maintain the frequency of generation and transmission sides. **Prof. Soman** discussed the collapse of North Grid in detail and the reasons for the blackout due to Transient Instability of system, corridors not being strong enough and lack of Reactive Power Measurement. Synchrony Phases, PMU and other technics for phase measurements were also discussed.

During the Post Lunch session participants had a detailed discussion with **Mr. Narayanan** from **TCS** on **Information and Communication Techniques** in **Power system**. He discussed the Automation of **Substation** and **Distribution** System. He elaborated the building blocks of Smart Grid. He also discussed the Importance of ISO model in smart grid.



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Affiliated to : Uttar Pradesh Technical University, Lucknow



Participation Certificate

This is to certify that
Dinesh Kumar
of
Dronacharya College of Engineering, Greater Noida

participated in One Week ISTE STTP for Coordinators on

Electric Power System

Conducted by Indian Institute of Technology Kharagpur

from 1st May to 5th May, 2017

This workshop was held under the National Mission on Education through ICT (MHRD)

Course Coordinator
IIT Kharagpur

Dean, Continuing Education
IIT Kharagpur

Link of the Event:

https://gnindia.dronacharya.info/events/conference_electric_power_system.aspx?Month=May&Year=2017

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Name of the Event : Workshop on Emerging Technologies in Electronics and Communication

Date of the Event : 22-05-2017

No. of Participants : 6

Summary of the Event :

A one day workshop on **Emerging Technologies in Electronics and Communication** was organized by **Indraprastha Institute of Information Technology, Delhi** on **22nd May 2017** **Mohd. Alamgir Khan** – Assistant Professor, **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

The aim of the workshop was to spread the awareness amongst students and the faculties about **New Technologies and Research in Electronics and Communication**.

Workshop started with the introductory speech by **Prof. G. S. Visweswaran**, Professor - IIT, Delhi.

Dr. Sujay Deb, Assistant Professor - IIIT Delhi started the first lecture with a lecture on **Large Scale many core processors** and discussed about the challenges involved in many core processors as power dissipation is a quite a big challenge.

Second Lecture was delivered by **Dr. Sanjit Krishnan Kaul**, Assistant Professor IIIT-D on **Advances in Wireless Communications**. He discussed with the history of **Wireless Communication** and the development in past decade.

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Dr. Alexander Fell, Assistant Professor IIIT-D, continued with the third lecture on a project titled **A low cost low power Nest monitoring System for snow petrels (snow petrels are the small birds living in Antarctica)** carried out under him. He made a low cost Detector using Arduino based LDR Sensor.

Last lecture of the first session was delivered by **Dr. Shobha Sundar Ram**, Assistant Professor IIIT-Delhi. She discussed about her research topic **Radar tracking of Human**. She has developed a RADAR based technology to detect motion like walking, crawling, running etc. She also shared the results of her findings.

The afternoon Session started with a lecture on **Bio Medical Signal Processing** by **Dr. Anubha Gupta**, Associate Professor IIIT - Delhi. She told some important research problems linked as **Early Disease Diagnosis, Neuro - Rehabilitation, Early Stroke Prediction by ECG Scans** etc.

Dr. Sneha Saurabh, Assistant Professor IIIT - Delhi delivered a Lecture on **An Overview on Nanoelectronics**. He discussed about the **Nano - Scale Size, Scanning Tunnel Microscope (STM), TFETs, NCFETs, NEMS** etc.

The last and the seventh lecture was delivered by **Dr. Saket Anand**, Assistant Professor IIIT - Delhi. He discussed an ongoing project **Self - Driven car**. This is a project under **Dr. Saket** and funded by **Mahindra Motors**. He discussed the project progress and the technologies used in it. He also discussed the **Driver Less E-Rikshaw**, that is also under progress by his team.

Finally, **Dr. Anand** and **Dr. Saurabh** concluded the workshop with the Vote of Thanks. Participation Certificates were distributed to participants.



Link of the Event:

https://gnindia.dronacharya.info/events/Workshop_Emerging_Technologies_2017.aspx?Month=May&Year=2017

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Name of the Event : workshop on Prime Minister's Special Scholarship Scheme (PMSSS)

Date of the Event : 18-05-2017

No. of Participants : 7

Summary of the Event :

One day workshop on **Prime Minister's Special Scholarship Scheme (PMSSS)** was organized by **All India Council for Technical Education (AICTE)** at **New Delhi** on **18th May 2017**. **Mr. Gaurav Siwal**, Assistant Professor, Department of Mechanical Engineering, **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

The Agenda of the workshop was to discuss the **Role of Faculty Guardians** in providing conducive environment for J&K students during their studies.

Faculty members from various institutes attended the workshop. The program started with Saraswati Vandana and welcome address by **Prof. Dileep Malkhede**, Advisor (RIFD-PMSSS). He said that the Scheme is an initiative from Ministry of Human resource Development especially for Jammu and Kashmir students. The Scheme is implemented by AICTE under the Guidance of **Prof. Anil Sahasrabudhe, Chairman, AICTE**.

He welcomed all the dignitaries and participants. **Prof. Malkhede** discussed the Inception and **objective of the Scheme, eligibility, scholarship amount and admission process**. He also discussed revised features of the scheme for 2017-18 admissions.

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The session was then addressed by **Mrs. Madhuri Sahasrabudhe**, spouse of Prof. Anil Sahasrabudhe. **Mrs. Sahasrabudhe** discussed the importance of **Motherly Relation** with students specially those who come from other states to study in various institutes. She shared her experience where a caring gesture by faculty has played an important role in raising the confidence of a student.

Prof. A. P. Mittal, Member Secretary, AICTE and **Prof. M. P. Poonia**, Vice Chairman, AICTE shared their experience of the recent visit to Jammu and Kashmir where, parents and students from the state discussed issues and grievances about the PMSSS scheme.

Prof. Sahasrabudhe, then addressed the session with his motivational thoughts. **Prof. Sahasrabudhe** highlighted that special Scholarship Scheme for J&K students is an innovative scheme for empowering the students of J & K by providing them good quality higher education with admission against supernumerary seats in chosen fields of their interest with full scholarship. He said that this engagement will provide young bright students of J&K ample opportunities to find useful employment or to start their own entrepreneurial journey and create jobs. **Prof. Sahasrabudhe** encouraged faculty members to take initiative in their respective institutes to provide conducive environment to students specially who are benefiting from PMSSS scheme.

Session ended with the Vote of Thanks by **Shri. Anand Sharma**, Deputy Director (RIFD-PMSSS). **Mr. Sharma** thanked all the dignitaries, participants and PMSSS team for the successful workshop. The workshop provided volume of information about the PMSSS and the same shall be implemented for the benefits of the aspirants of the scheme.



Link of the Event:

<https://gnindia.dronacharya.info/events/PMSSS.aspx?Month=May&Year=2017>

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Name of the Event : 6th AITMC Annual Global Summit 2017

Date of the Event : 14-06-2017

No. of Participants : 4

Summary of the Event :

All India Technical and Management Council (AITMC) in association with **AICTE** organized the **6th AITMC Annual Global Summit 2017** at **AICTE Headquarters, New Delhi** on **14th June 2017**. **Prof. D. V. Bhise**, Department of Mechanical Engineering represented **Dronacharya Group of Institutions, Greater Noida** in the summit. AITMC is a non-governmental organization playing an influential role in creating and sustaining an environment in which employment and entrepreneurship flourish.

During the inaugural note **Mr. Deep Chaudhary, President – AITMC** highlighted the objectives of the summit.

Currently, Engineering Institutions have huge infrastructure which is being mediated by Private Training Partners. AITMC would like to bridge this gap and provide a direct linkage between the Institutions, Government Organizations (Sector Specific Skill Councils) and Corporate Houses.

To facilitate Direct MOUs between Institutions and industries to promote Skill India: to establish labs with latest equipment in Engineering Institutions to get the readily available workforce to save training time and cost.

To discuss the concept of "**EARN while LEARN**", an initiative by AITMC where every student opting for the scheme will get stipend during their studies.

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Establishment of “**Entrepreneurship Development Cell**” at interested institutions so that students can get direct benefits from government schemes like PMEGP, MUDRA etc. to promote entrepreneurship.

Session 1: Model Career Center (MCC) and Earn While Learn (EWL)

During the first session **Lt. Gen. Dr. S. P. Kochhar, CEO-Telecom Sector Skill Council (TSSC)** explained the work done by TSSC in Punjab region. **Lt. Gen. Kochhar** further added that the council has strong ties with private sector companies and added that the telecom industry led by government initiatives such as Digital India, Smart City and Make in India would open up 11 to 12 million new job opportunities in next five years.

Lt. Gen. Kochhar said that the Council, in collaboration with **National Skill Development Corporation (NSDC)**, has been engaged in producing world class workforce for the information and communication technology sector as this is the need of the hour. Given the ever expanding growth of this sector, need for trained manpower was much more now than ever before. He said the Council had produced scores of competent personnel handling various dimension of information and communication technology. More and more young aspirants were keen to join initiative and take the benefit of world class skilling.

During the rest half of the session **Mr. Deep Chaudhary, President, AITMC** said that the AITMC would like to assist the Final Year Students of all the AICTE Affiliated Institutions imparting Technical and Professional Courses in **On the Job Training (OJT)** in their respective geographies or Campus through initiation of the **Earn while Learn (EWL)**; A flagship programme of AITMC with an aim to address the biggest challenge of Rural Unemployment and Migration of Youth from Rural areas to Urban areas in search of Job/employment opportunities.



Mr. Deep further added that AITMC shall provide direct linkage of its affiliated members in the form of 450 Technical Colleges, Educational Institutes, Industry Associations and Corporate Houses with all the Govt. Institutions, Social Welfare schemes such as PMKVY, DDU-GKY, MANAS, NBCFDC, and NCS etc. for its successful implementation through the existing infrastructure facilities available with member institutions.

Session 2: Panel discussion on Skill India and Start-up India

During the session, **Shri. Pravin Srivastava, Deputy Director General (Employment), Ministry of Labour and Employment (MoLE)** said that the ministry is implementing the National Career Service Project to provide a wide variety of employment related services to jobseekers and youth using technology. **National Career Service (NCS)** initiative was launched in 2015 as an ICT based platform for providing career related services to public. “The NCS is a vibrant platform where various stakeholders can partner in the delivery of employment services. The industry partners are invited to take advantage of this platform in sourcing their human resource requirement and assist youth in making the right career choice.” The NCS is trying to enhance the reach of employment opportunities through its services.

Speaking on the occasion **Shri Vijay Sampla, Minister of State for Social Justice and Empowerment** said that Technical skill development training should be imparted in regional languages to provide a level playing field to the rural youths whose lack of knowledge of English put them at a disadvantage in comparison to their urban counterparts, Youths in remote areas who have obtained technical education can't compete with their counterparts in cities because of language barrier.

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AICTE Chairman, **Prof. Anil D. Sahastrabudhe** shared the updates from AICTE desk. **Prof. M. S. Manna, Director – AICTE** shared the updates on the AICTE newly launched portal “**SWAYAM**”, aiming to provide knowledge and certification for elective subjects, fields in which youth is passionate and to make best resources accessible to the rest of deprived India.

Dr. M. P. Poonia, Vice Chairman AICTE emphasized the importance of skill development by saying that “A fit person who has no skills is disabled”. **Dr. Poonia** also shared a case study of Engineering College, Bikaner. The study was on transformation of the college through skill development initiatives taken by **Dr. Poonia** during his tenure as a Director of the college.

The summit had discussions on the **Pradhan Mantri Krishi Vikas Yojana** and the role of the All India Council for Technical Education (AICTE) in it.



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Link of the Event:

[https://gnindia.dronacharya.info/events/Annual Global Summit 2017.aspx?Month=Jun&Year=2017](https://gnindia.dronacharya.info/events/Annual%20Global%20Summit%202017.aspx?Month=Jun&Year=2017)

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Name of the Event : Refresher Workshop on Human Values & Professional Ethics

Date of the Event : 13-06-2017 To 20-06-2017

No. of Participants : 2

Summary of the Event :

Dr. APJ Abdul Kalam Technical University (AKTU), Lucknow organized a **Refresher Workshop on Human Values & Professional Ethics** from **13th – 20th June 2017** at **ABESIT, Ghaziabad**. **Ms. Ragini Tiwari**, Department of Management Studies, Dronacharya Group of Institutions, Greater Noida attended the Workshop as a participant.

Day 1: 13th June 2017

The FDP was inaugurated by **Dr. Manish Kumar Jha**, Director, ABESIT, Ghaziabad on 13/06/2017.

Prof. Deepak Garg, Convener of the Program welcomed the Resource Person **Prof. Gopal Babu**, participants and the guests.

Prof. Gopal Babu highlighted the concept of value education and its necessity in the modern days. He said that both the human values and technical values are important and necessary for individuals. He stressed that **“Without knowledge and understanding of the very most basic human values nobody can give a direction to one's life that makes sense”**.

Prof. Deepak Garg shared his views on the importance of human values in day to day life and highlighted:

- Value of Education
- Importance of a Happy Life.

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In the next session **Prof. Babu** discussed the course contents of Human Values & Professional Ethics. He said that role of education in holistic development of a person is the main aim of the HVPE and highlighted the contents (Desire-Happiness, Prosperity & its continuity) of the workshop. He focused on developing the right understanding of oneself through self - exploration and realization of the inherent attributes like co-existence, harmony and self - regulation.

The last session of the day was a group discussion on “**Sources of Happiness**”.

Day 2: 14th June 2017

Prof. Babu discussed the concept of “**Right Understanding**”. He said that “The role of education is to facilitate the development of the competence and to live with proper human conduct”.

Prof. Babu elaborated on the theory of Self-Exploration and discussed the sources of happiness. Later, group discussion was held on “**Self-Exploration**”.

Day 3: 15th June 2017

Prof. Babu focused on the concept of **Justice**. He described the feeling of justice with nine factors:

- Trust (Intention /competence)
- Respect (Right Evaluation)
- Affection
- Care
- Guidance
- Reverence
- Glory
- Gratitude
- Love (Complete Value)



He emphasized on the word **Gratitude**. He explained that the word “**Gratitude is the recognition of unearned increments of value in one’s experience**”.

Day 4: 16th June 2017

Prof. Babu shared his views on **Desire, Thoughts** and **Expectation**. He said that Desire and Expectation is just as the Creative Process that involves both thoughts and beliefs. Desire without expectation is just wishing, hoping and dreaming. Thoughts are connected with analyzing and the expectations are connected with selecting/testing.

Day 5: 17th June 2017

Prof. Babu discussed **Units** and **Space**. He explained Unit as something that is limited in size. A human hair to the biggest planets we know of, they all are limited in size. Human beings, animals, lumps of matter as well as various atoms and molecules, are all units. We can recognize them as they are countable. Whereas, space is not a unit but it exists, as a reality. We can’t touch it, smell it. We normally just see through it. It exists everywhere. In other words the empty area all around the nature is space.

Day 6: 18th June 2017

Prof. Babu discussed the theory of **Ethical Human Conduct**. He stated that the right understanding gained through self-exploration enables us to identify the definitiveness of human conduct which may also be called the ethical human conduct. It is the same for all human beings.

Day 7: 19th June 2017

Prof. Babu focused on the four orders of the nature:

- Material Order (Temporary, Recognizing, Fulfilling)
- Pranic Order (Recognizing, Fulfilling)
- Animal Order (Knowing, Assuming, Recognizing & Fulfilling)
- Human Order (Knowing, Assuming, Recognizing & Fulfilling)



(Conduct completeness)

Sharing Session


Prof. Gopal Babu conducted an interactive session with the participants on their views on five topics:

- Name
- Affiliation
- Experience of previous workshop
- Achievements
- Commitment for family/society

Day 8: 20th June 2017

Valediction Ceremony was held on **20th June 2017**. The participants gave their suggestions and feedback for the workshop. Certificates were awarded to the participants.




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Link of the Event :

https://gnindia.dronacharya.info/events/RefresherWorkshop_2017.aspx?Month=Jun&Year=2017

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Name of the Event : Meet the IIT Faculty (MTF) sessions

Date of the Event : 12-06-2017 To 23-06-2017

No. of Participants : 1

Summary of the Event :


Meet the IIT Faculty (MTF) sessions were organized by IIT Madras for Phase-VIII of Quality Enhancement in Engineering Education (QEEE) from 12th June 2017 to 23rd June 2017.

These MTF sessions were intended to give the local faculty at an opportunity to interact with the IIT faculty and discuss on the required content to be delivered in QEEE

IIT Faculty had asked for the questions upfront so that the session can be made more efficient and meaningful. As such, the questions and queries received from different departments, were sent to them in advance.

QEEE MTF Schedule

Date	Title	Faculty IIT	Local Faculty
12th June 2017	Surveying - Compass surveying and plane table surveying	Prof. Raaj Ramsankaran-IITB	Ms. Krishna Goala
	Control System - Stability Analysis (STUDIO)	Prof Tushar Jain-IIT Mandi	Mr. Raj Ranjan Prasad Mohd. Alamgir Khan


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QEEE MTF Schedule

Date	Title	Faculty IIT	Local Faculty
	Design of steel structures - Beams	Prof. Satish Kumar-IITM	Ms. Krishna Goala
13th June 2017	Electrical machines - Induction Machines: Theory	Prof. Bhuvaneshwari-IITD	Mr. Vinod Kumar Mohd. Alamgir Khan
	Programming and Data Structures - Programming Style	Prof. Rajib Mall-IIT Kgp	Mr. Manoj Kumar Yadav Ms. Monu Singh
	Digital Communication Techniques - Base band communication	Prof. Arun Patchai Kannu-IITM	Ms. Rasveen Ms. Prity Yadav
	Operating Systems - Operating Systems Overview	Prof. Sandip Chakraborty-IIT Kgp	Mr. Manoj Kumar Yadav Dr. Aditi Paul
14th June 2017	Structural analysis - Matrix Stiffness Method	Prof. Sushanta Chakraborty -IIT Kgp	Ms. Krishna Goala


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QEEE MTF Schedule

Date	Title	Faculty IIT	Local Faculty
	Advanced Computer Architecture - Memory and IO	Prof. TG Venkatesh-IITM	Ms. Sheetal Saigal
	Electromagnetic Theory - Electromagnetic Waves	Prof. Deepa Venkitesh-IITM	Mr. Vinod Kumar Mr. Raj Ranjan Prasad Mr. Dinesh Kumar
15th June 2017	Linear Integrated Circuits - Design with OPAMP	Prof. Hitesh-IIT Mandi	Ms. Rasveen Ms. Prity Yadav
	Engineering Material and Metallurgy - Constitution of Alloys and Phase Diagrams	Prof. Sushanta Kumar Panigrahi-IITM	Mr. Gaurav Siwal Mr. Harshit Kumar
	Joining Processes - Manufacturing Technology	Prof. Sushanta Kumar Panigrahi-IITM	Mr. Gaurav Siwal Mr. Harshit Kumar



QEEE MTF Schedule

Date	Title	Faculty IIT	Local Faculty
16th June 2017	Water Treatment-Water Supply Engineering	Prof. Ligi Philip-IIT Madras	Ms. Krishna Goala
	Fluid mechanics, Fluid mechanics and machinery - Basic flow of fluid flow, Introduction to Fluid Mechanics	Prof. Suman Chakraborty-IIT Kgp	Mr. Harshit Kumar
	Database Management Systems - Introduction to DBMS	Prof. Pabitra-IIT Kgp	Ms. Sheetal Siagal
19th June 2017	Engineering Thermodynamics - Basic Concepts & First Law of Thermodynamics	Prof. PMV Subbarao-IITD	Mr. Harshit Kumar Mr. Vibhooti Narayan Mishra
	Digital VLSI - MOS Transistor Principle	Prof. Deleep R Nair-IITM	Mr. Raj Ranjan Prasad Mohd. Alamgir Khan



QEEE MTF Schedule

Date	Title	Faculty IIT	Local Faculty
23rd June 2017	Railways and Airports Engineering - Railway Planning and Construction	Prof. Nagendra-IITB	Ms. Krishna Goala Mr. Harshit Kumar
	Principles of Compiler Design - Intermediate Code Generation	Prof. Supratim Biswas-IITB	Dr. Somnath Sinha

The MTF sessions were like the **QEEE Live Classes** held through on **A-View**. During the sessions, IIT Faculty members gave the outline of the courses that they would be conducting during **July-November 2017**. Local Faculty put forward their suggestion for inclusion of certain topics for the sessions.

IIT Faculty discussed the topics proposed for the courses and said that they have referred standard text books and have tried to cover the syllabus of most of the colleges and universities.

The final schedule and the list of courses will soon be shared by IITM for the Phase VIII of the QEEE Sessions.

These sessions were locally coordinated by **Ms. Monu Singh**, Assistant Professor, Department of Computer Science Engineering.

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Link of the Event :

https://gnindia.dronacharya.info/events/MTF_2017.aspx?Month=Jun&Year=2017

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Name of the Event : One Week FDP on "Network and Cyber Security"

Date of the Event : 27-06-2016- 1-07-2016

No. of Participants : 7

Summary of the Event :

School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi organized a **one week Faculty Development Program** in association with NITTTR, Chandigarh on "**Network and Cyber Security**" from **27th June – 1st July, 2016**. **Asst. Prof. Manoj Kumar Yadav and Asst. Prof. Priyanka Tripathi from Dronacharya Group of Institutions, Greater Noida** attended the program.

The objective of the FDP was to enhance knowledge and skill of the participants to secure the Digital Information from various Security Attacks, promote research aspects in internet security, to familiarize with tools available for *network* scanning and awareness of recent trends in the field of Network and Cyber Security.

Mr. P. R. Meena, Commissioner, Department of Trade and Taxes, Government of India, New Delhi and Dr. Rama Krishna Challa, Head of Department, CSE, NITTTR, Chandigarh summarized the training program.

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Short Term Course
on
**Network and Cyber
Security**

Organised by

SC & SS, JNU,
New Delhi

NITTTR,
Chandigarh

*Committee Room,
School of Computer and Systems Sciences,
JNU, New Delhi
June 27- July 1, 2016*



Link of the Event: <https://gnindia.dronacharya.info/events/One-Week-FDP-Network-Cyber-27-June-july-2016.aspx?Month=Jun&Year=2016>

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Name of the Event : IOT Project Presentation & Award Ceremony

Date of the Event : 26-08-2016

No. of Participants : 2

Summary of the Event :

“IOT Project Presentation & Award Ceremony” was conducted by **Dronacharya Group of Institutions, Greater Noida** in association with Consortium for Innovation (COIN) on **26th August, 2016** at Dronacharya Group of Institutions, Greater Noida. Dr. R. Radhakrishnan, President (COIN) was the chief guest of the program. Prof. S.K. Bagga (Director) welcomed all and delivered opening speech, specially mentioning the efforts of all the participants. Students and faculty members attended the award ceremony.

Students presented their projects **“IOT Based Healthcare System for the Elderly”**. Selected students were awarded with certificates and scholarship amount of Rs.5000 each by **Dr.R.Radhakrishnan**, President (COIN), **Prof. S. K. Bagga**, (Director), **Dr. B. M. K. Prasad**, and **Prof. T.P.N. Singh**, Advisor R&D.



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Link of the Event : <https://gnindia.dronacharya.info/events/IOT-Project-Award-Ceremony-26-August-2016.aspx?Month=Aug&Year=2016>

Name of the Event : Renewable Energy India Expo

Date of the Event : 7-09-2016 To 9-09-2016

No. of Participants : 2

Summary of the Event :

Renewable Energy India (REI) Expo” was organized during **7th - 9th September, 2016** at **India Expo Center, Greater Noida. 20 students** from **EEE/ECS/ECE/Civil/Mechanical Engineering** Department of **Dronacharya Group of Institutions, Greater Noida** along with **Asst. Prof. Gaurav Siwal** visited the event on **9th September, 2016**.

The objective of the expo was to bring together internationally renowned exhibitors, consultants, business experts, scholars, researchers and key government officials under one common platform, to discuss global best practices and seek solutions to some of the most pressing challenges in the power and energy sector.

The expo was inaugurated by Chief Guest, **Shri Upendra Tripathi** (Secretary, Ministry of New and Renewable Energy, Government of India) and other key dignitaries such as Mr. Justin Wu (Head of APAC, Bloomberg New Energy Finance, Hong Kong), **Mr. James Gordon Carr** (Minister of Natural Resources, Government of Canada)

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The students learned about various energy procuring sources available within the country and how to use the natural resources available. They also learned that maximum use of solar energy must be there, along with the widespread installation of Solar panels. Sun, wind, heat of Earth and water produces *renewable energy*. They also learned to use those widespread and abundant elements of nature to generate electricity.

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Renewable Energy India Expo
A UBM Event

Organized By:
IEEE Student Chapter

Date: 7-9 September, 2016

Venue : India Expo Mart, Greater Noida

Link of the Event: <https://gnindia.dronacharya.info/events/Renewable-Energy-India-Expo-7-9%20Sep-2016.aspx?Month=Sep&Year=2016>

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Name of the Event : Smart India Hackathon 2017

Date of the Event : 16/12/2016

No. of Participants : 1

Summary of the Event :

Dronacharya Group of Institutions, Greater Noida, organized live broadcast of “Smart India Hackathon 2017 India’s Idea Leadership Talk Series” on 16th December, 2016 with the first leadership talk by Dr. Anil Sahasrabudhe, Chairman, AICTE and Chairman, Organizing Committee, Smart India Hackathon-2017. **Faculty members and students** of Dronacharya Group of Institutions, Greater Noida attended the talk series. 'Smart India Hackathon 2017' was launched on 09th November, 2016 in New Delhi.

The objective of this AICTE’s initiative like creating the Startup Policy, Smart India Hackathon 2017 and Project Swayam will certainly pave a new growth path for the students as well as faculty ultimately benefiting the society and Nation as a whole.

Students of Dronacharya Group of Institutions, Greater Noida understood the requirement for innovations in the country so as to make the dreams of AICTE turn into reality by developing innovative digital solutions. This was a great step ahead in the participation of today's youth in nation-building.



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Link of the Event: <https://gnindia.dronacharya.info/events/Smart-India-Hackathonb-16-dec-2016.aspx?Month=Dec&Year=2016>

Name of the Event : India International Science Festival (IISF)

Date of the Event : 7-12-2016 To 11-12-2016

No. of Participants : 2

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Summary of the Event :

Dronacharya Group of Institutions, Greater Noida organized a visit to “**India International Science Festival (IISF-2016)** held at CSIR-National Physical Laboratory (NPL) Campus, New Delhi from **7th – 11th December, 2016**. **35 students** along with **Asst. Prof. Rajani Dwivedi** had participated in Industry Academia Interaction which was one of the major events during this festival.

The main objective of the event was to provide a distinct platform for industries, national laboratories, academicians and regulatory bodies to have fruitful in depth interaction between industries and academia to bridge the gap between them and explore the possibility of the commercialization of developed technologies, current status, cost of each technology, identify shortcomings in commercialization in some of the technologies and strategic planning to rectify such shortcomings at one place.

Students understood to improve the scientific understanding and appreciation for various feats in Science & Technology.



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Link of the Event: <https://gnindia.dronacharya.info/events/IISF-7-11-December-2016.aspx?Month=Dec&Year=2016>

Name of the Event : Innovation Festival- 2017

Date of the Event : 20-01-2017 To 23-01-2017

No. of Participants : 2

Summary of the Event :

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“Innovation Festival 2017” was held at National Sciences Centre, Pragati Maidan from **22nd -23rd January, 2017**. **Prof. TPN Singh, Advisor (R&D) and Asst. Prof. Ankush Yadav** assisted **240 students** to visit the center on 20th January, 2017 to witness the projects. The festival was inaugurated by Mr. R. K. Kotnala, Chief Scientist, National Physical Laboratory, Govt. of India. Other dignitaries present were Mr. P. Rama Sharma, Director, National Science Centre and Mr. Vijay Sharma, Secretary, National Science Centre.

Mr. Kotnala delivered the key-note address and expressed happiness over the innovative projects displayed by the students. He spoke at length on the importance of innovation and creativity. Students should have the willingness to take risks and tolerate ambiguity and uncertainties. The most important aspect is opportunity recognition. Today countries are heavily investing in developing entrepreneurship and fostering innovation. Dr. Kotnala gave an overview of his latest invention on electricity generation using few drops of water by invented hydroelectric cell which is a green energy source. Hydroelectric cell is a clean energy source which gives electricity by using few drops of water. This invention has been acclaimed all over the world.

A total of 20 projects were put on display by various Institutions. These projects were shortlisted out of 200 projects received for the event. Dronacharya Group of Institutions displayed four projects, the details of which are given below:

1. Human Power Electricity Generator (ME: Students Akash Sharma, Gaurav Chauhan, Sunil & Mohit Kumar)
2. Advanced Agro Robot (ME: Ashu Talwar, Ashwani Rathore, Ajay Kumar & Ashutosh)
3. Smart Parking System (ME: Akashdeep Chaudhary, Ankur, Deepak, Ashutosh Tripathi and Dron Sharma)
4. Hand Talk (ECE: Sachin Verma, Rishabh Kesarvani and Mainak Pakira)

Large crowd witnessed the projects and appreciated the efforts put in by the students.




Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Link of the Event: <https://gnindia.dronacharya.info/events/Innovation-Festival-22-23-Jan-2017.aspx?Month=Jan&Year=2017>

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