



**6.3.4 Average percentage of teachers undergoing online/  
face-to-face Faculty Development Programmes (FDP)  
during the last five years**

**(Professional Development Programmes, Orientation /  
Induction Programmes, Refresher Course, Short Term  
Course etc.)**

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Approved by : All India Council for Technical Education  
Affiliated to : Uttar Pradesh Technical University, Lucknow

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Ms. Nisha Bhatt, Mr. Brijesh Verma and Mr. Anurag Sharma	Faculty Development Program on "Control of Pneumatic Valves"	29-12-2016 To 09-01-2017	3	<a href="https://gnindia.dronacharya.info/events/Control_Pneumatic_2016.aspx?Month=Dec&amp;Year=2016">https://gnindia.dronacharya.info/events/Control_Pneumatic_2016.aspx?Month=Dec&amp;Year=2016</a>
Ms. Sheetal Saigal	Faculty Training Program On Android Skilling	08-05-2017 To 12-05-2017	1	<a href="https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&amp;Year=2017">https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&amp;Year=2017</a>
29 Faculty Member	Faculty Development Programme on Emerging Trends in Engineering, Sciences and Management	05-06-2017 To 16-06-2017	29	<a href="https://gnindia.dronacharya.info/events/FDP_Emerging_Trends_Engineering.aspx?Month=Jun&amp;Year=2017">https://gnindia.dronacharya.info/events/FDP_Emerging_Trends_Engineering.aspx?Month=Jun&amp;Year=2017</a>
Ms. Swati Srivastava, Mr. Yogesh Jadav and Er. Moti Chand Yadav	FDP on "Human Values and Professional Ethics"	30-06-2016 To 07-07-2016	3	<a href="https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&amp;Year=2016">https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&amp;Year=2016</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Mr. Manoj Kumar Yadav, and Ms. Priyanka Tripathi, Assistant Professor, IT Department	One Week FDP on "Network and Cyber Security	27-06-2016 To 01-07-2016	2	<a href="https://sway.office.com/SJ1vHx2AnSIScjXC">https://sway.office.com/SJ1vHx2AnSIScjXC</a>
Ms. Prachi Agarwal / Dr. Aditi Paul	National Program on Technology Enhanced Learning (NPTEL) awareness workshop	07/02/2016	2	<a href="https://gnindia.dronacharya.info/events/NPTEL_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/NPTEL_2016.aspx?Month=Jul&amp;Year=2016</a>
Ms. Gurpreet Kaur	STC on Classroom Teaching for Soft Skill Development	18-07-2016 To 22-07-2016	1	<a href="https://gnindia.dronacharya.info/events/Soft_Skill_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/Soft_Skill_2016.aspx?Month=Jul&amp;Year=2016</a>
35 Faculties	Spoken Tutorial - Making India IT Literate (FDP on LATEX)	11-07-2016 To 12-07-2016 (Online)	35	<a href="https://gnindia.dronacharya.info/events/LATEX_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/LATEX_2016.aspx?Month=Jul&amp;Year=2016</a>
Mr. Gaurav Siwal , Zonal round Jury member	India Skills Competitions - 2016 (Skill of Mechatronics)	07/08/2016	1	<a href="https://gnindia.dronacharya.info/events/India_Skills_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/India_Skills_2016.aspx?Month=Jul&amp;Year=2016</a>

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Ms. Shalini Sharma	Entrepreneurship Educator Program	13-07-2016 To 15-07-2016	1	<a href="https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program1_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program1_2016.aspx?Month=Jul&amp;Year=2016</a>
Mr. Anoop Mishra	QIP short term course	11-07-2016 To 15-07-2016	1	<a href="https://gnindia.dronacharya.info/events/QIP_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/QIP_2016.aspx?Month=Jul&amp;Year=2016</a>
Mr. Prassan Sharma	QIP Short term course on "Mathematical Analysis and Applications"	4-07-2016 To 8-07-2016	1	<a href="https://gnindia.dronacharya.info/events/Mathematical_Analysis_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/Mathematical_Analysis_2016.aspx?Month=Jul&amp;Year=2016</a>
6 Faculty	Visit to Alpha - I Diksha Charitable School	27-07-2016	6	<a href="https://gnindia.dronacharya.info/events/DGI_SMILE_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/DGI_SMILE_2016.aspx?Month=Jul&amp;Year=2016</a>
38 faculty	Awareness Session on "STROKE"	21-07-2016	38	<a href="https://gnindia.dronacharya.info/events/STROKE_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/STROKE_2016.aspx?Month=Jul&amp;Year=2016</a>
8 Faculty	EXPERT LECTURE ON NETWORK THEORY: BASICS & APPLICATIONS	22-08-2016	8	<a href="https://gnindia.dronacharya.info/events/Network_Theory_2016.aspx?Month=Aug&amp;Year=2016">https://gnindia.dronacharya.info/events/Network_Theory_2016.aspx?Month=Aug&amp;Year=2016</a>

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22 faculty	STC ON "Open Source Technologies"	29-08-2016 To 2-09-2016	22	<a href="https://gnindia.dronacharya.info/events/Open_Source_2016.aspx?Month=Aug&amp;Year=2016">https://gnindia.dronacharya.info/events/Open_Source_2016.aspx?Month=Aug&amp;Year=2016</a>
Prof. TPN Singh	Session on Technology Trends and Future Research	08/10/2016	1	<a href="https://gnindia.dronacharya.info/events/APJ_Abdul_2016.aspx?Month=Aug&amp;Year=2016">https://gnindia.dronacharya.info/events/APJ_Abdul_2016.aspx?Month=Aug&amp;Year=2016</a>
Prof. Vinod Kumar	Workshop on "CMOS, Mixed Signal and Radio Frequency VLSI Design"	19-09-2016 To 23-09-2016	1	<a href="https://gnindia.dronacharya.info/events/CMOS_2016.aspx?Month=Sep&amp;Year=2016">https://gnindia.dronacharya.info/events/CMOS_2016.aspx?Month=Sep&amp;Year=2016</a>
Dr. Somnath Sinha	Instructor Training Program on CCNA 1&2 (Routing & Switching)	28-11-2016 To 10-12-2016	1	<a href="https://gnindia.dronacharya.info/events/Event_Nov_2016.aspx?Month=Nov&amp;Year=2016">https://gnindia.dronacharya.info/events/Event_Nov_2016.aspx?Month=Nov&amp;Year=2016</a>
Prof. D.V. Bhise	INDIA - UK TECH SUMMIT 2016	7-11-2016 To 9-11-2016	1	<a href="https://gnindia.dronacharya.info/events/Uk_Tech_Summit_2016.aspx?Month=Nov&amp;Year=2016">https://gnindia.dronacharya.info/events/Uk_Tech_Summit_2016.aspx?Month=Nov&amp;Year=2016</a>
Ms. Nisha Bhatt, Mr. Brijesh Verma and Mr. Anurag Sharma	Faculty Development Program on "Control of Pneumatic Valves"	29-12-2016 To 09-01-2017	3	<a href="https://gnindia.dronacharya.info/events/Control_Pneumatic_2016.aspx?Month=Dec&amp;Year=2016">https://gnindia.dronacharya.info/events/Control_Pneumatic_2016.aspx?Month=Dec&amp;Year=2016</a>

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Mr. Ankush Yadav	Entrepreneurship Educator Program	21-12-2016 To 23-12-2016	1	<a href="https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program_2016.aspx?Month=Dec&amp;Year=2016">https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program_2016.aspx?Month=Dec&amp;Year=2016</a>
Dr. Aditi Paul	National Faculty Development Program on Entrepreneurship	19-12-2016 To 30-12-2016	1	<a href="https://gnindia.dronacharya.info/events/National_Faculty_Development_Program_2016.aspx?Month=Dec&amp;Year=2016">https://gnindia.dronacharya.info/events/National_Faculty_Development_Program_2016.aspx?Month=Dec&amp;Year=2016</a>
Prof. Vinod Kumar,	ETV on Air Dialogue on “Unlocking India’s Digital Potential”	12/09/2016	1	<a href="https://gnindia.dronacharya.info/events/ETV_2016.aspx?Month=Dec&amp;Year=2016">https://gnindia.dronacharya.info/events/ETV_2016.aspx?Month=Dec&amp;Year=2016</a>
Ms Shalini Sharma	51st Annual Convention - CSI: 2016	25-01-2017	1	<a href="https://gnindia.dronacharya.info/events/51st_Annual_Convention_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/51st_Annual_Convention_2017.aspx?Month=Jan&amp;Year=2017</a>
Prof T. Bothichandar	Workshop on The Role of NPTEL Local Chapters in the Development of Online Courses	31-01-2017	1	<a href="https://gnindia.dronacharya.info/events/Workshop_NPTEL_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/Workshop_NPTEL_2017.aspx?Month=Jan&amp;Year=2017</a>
Dr. Somnath Sinha, Sh. Ashwani Kumar	Awareness Workshop for Smart India Hackathon	18-01-2017	1	<a href="https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&amp;Year=2017</a>

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Mr. Manoj Kumar Yadav	Workshop on Open Modelica - Simulation & Modelling	4-01-2017 To 5-01-2017	1	<a href="https://gnindia.dronacharya.info/events/OpenModelica_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/OpenModelica_2017.aspx?Month=Jan&amp;Year=2017</a>
Dr. Somnath Sinha	IIRS User Interaction Meet (IUIM - 2017)	23-02-2017	1	<a href="https://gnindia.dronacharya.info/events/Interaction_Meet_2017.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/Interaction_Meet_2017.aspx?Month=Feb&amp;Year=2017</a>
Dr. Aditi Paul, Mr. Sunil Kumar	India for Innovation Series: ED - TECH Innovation for Impact	23-02-2017	1	<a href="https://gnindia.dronacharya.info/events/EDTECH.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/EDTECH.aspx?Month=Feb&amp;Year=2017</a>
Mr. Raj Ranjan Prasad	Short Term Course on “Advance DSP with MATLAB”	20-02-2017 To 24-02-2017	1	<a href="https://gnindia.dronacharya.info/events/AdvanceDSP.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/AdvanceDSP.aspx?Month=Feb&amp;Year=2017</a>
Ms. Krishna Goala	QEEE session on Highway Geometric Design - Transportation Engineering	20-02-2017 To 23-02-2017	1	<a href="https://gnindia.dronacharya.info/events/HighwayGeometric.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/HighwayGeometric.aspx?Month=Feb&amp;Year=2017</a>
Dr. Somnath Sinha and Ms. Shilpi Jain	QEEE Session on “Operator overloading - Object Oriented Programming”	8-02-2017 To 10-02-2017	1	<a href="https://gnindia.dronacharya.info/events/OperatorOverloading_2017.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/OperatorOverloading_2017.aspx?Month=Feb&amp;Year=2017</a>

  
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Mr. Gaurav Siwal	Invest Japan Symposium	7-02-2017	1	<a href="https://gnindia.dronacharya.info/events/JapanSymposium_2017.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/JapanSymposium_2017.aspx?Month=Feb&amp;Year=2017</a>
Ms. Gargi Amoli and Ms. Monika Sinha	Short Term Course on Developing Values, Attitudes and Managerial Skills in Teachers	6-02-2017 To 10-02-2017	1	<a href="https://gnindia.dronacharya.info/events/Developing_Values_2017.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/Developing_Values_2017.aspx?Month=Feb&amp;Year=2017</a>
Mr. Ashwani Kumar	Orientation Workshop of the Remote Centre Coordinators	30-03-2017	1	<a href="https://gnindia.dronacharya.info/events/events-Mar-2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/events-Mar-2017.aspx?Month=Mar&amp;Year=2017</a>
Mr. Anoop Mishra	Short Term Course on “Embedded World”	20-03-2017 To 24-03-2017	1	<a href="https://gnindia.dronacharya.info/events/Embedded_World_2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/Embedded_World_2017.aspx?Month=Mar&amp;Year=2017</a>
Ms. Deepti Singh	QEEE session on Design of Reinforced Concrete Structures	7-03-2017 To 9-03-2017	1	<a href="https://gnindia.dronacharya.info/events/Design_Reinforced_2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/Design_Reinforced_2017.aspx?Month=Mar&amp;Year=2017</a>
Prof. S.K. Bagga, Dr. Abhishek Swami and Ms. Kiran Singh	Vishwas Rehabilitation Centre, Greater Noida	03/05/2017	3	<a href="https://gnindia.dronacharya.info/events/Vishwas_2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/Vishwas_2017.aspx?Month=Mar&amp;Year=2017</a>

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Ms. Shweta Rani	workshop on DELNET Discovery Services, Open source Software & Communication Skill for LIS Professionals	03/04/2017	1	<a href="https://gnindia.dronacharya.info/events/DELNET_2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/DELNET_2017.aspx?Month=Mar&amp;Year=2017</a>
Dr. Sunil Mishra and Dr. Sahab Singh	International Conferencetitled ‘Skills in Management and Applied Sciences’	24-04-2017 To 25-04-2017	1	<a href="https://gnindia.dronacharya.info/events/Skills_Management_2017.aspx?Month=Apr&amp;Year=2017">https://gnindia.dronacharya.info/events/Skills_Management_2017.aspx?Month=Apr&amp;Year=2017</a>
Dr. Sunil Kumar Mishra, Dr. Sahab Singh and Ms. Rasveen	9th EDUConvEx On Leveraging English Language to Enhance Subject Learning	15-04-2017	1	<a href="https://gnindia.dronacharya.info/events/9th_EDUConvEx_2017.aspx?Month=Apr&amp;Year=2017">https://gnindia.dronacharya.info/events/9th_EDUConvEx_2017.aspx?Month=Apr&amp;Year=2017</a>
Mr. Gyanendra Kumar and Ms. Krishna Goala	Seminar on Evolving Integrated Geospatial Policy and Strategy for India	12-Apr-17	2	<a href="https://gnindia.dronacharya.info/events/seminar-agi.aspx?Month=Apr&amp;Year=2017">https://gnindia.dronacharya.info/events/seminar-agi.aspx?Month=Apr&amp;Year=2017</a>
Mr. Dinesh Kumar	One Week ISTE STTP for Coordinators on "ELECTRIC POWER SYSTEM"	1-05-2017 To 5-05-2017	1	<a href="https://gnindia.dronacharya.info/events/conference_electric_power_system.aspx?Month=May&amp;Year=2017">https://gnindia.dronacharya.info/events/conference_electric_power_system.aspx?Month=May&amp;Year=2017</a>
Mohd. Alamgir Khan	Workshop on Emerging Technologies in Electronics and Communication	22-05-2017	1	<a href="https://gnindia.dronacharya.info/events/Workshop_Emerging_Technologies_2017.aspx?Month=May&amp;Year=2017">https://gnindia.dronacharya.info/events/Workshop_Emerging_Technologies_2017.aspx?Month=May&amp;Year=2017</a>

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Mr. Gaurav Siwal	workshop on Prime Minister's Special Scholarship Scheme (PMSSS)	18-05-2017	1	<a href="https://gnindia.dronacharya.info/events/PMSSS.aspx?Month=May&amp;Year=2017">https://gnindia.dronacharya.info/events/PMSSS.aspx?Month=May&amp;Year=2017</a>
Ms. Sheetal Saigal	Faculty Training Program On Android Skilling	8-05-2017 To 12-05-2017	1	<a href="https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&amp;Year=2017">https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&amp;Year=2017</a>
Prof. D. V. Bhise	6th AITMC Annual Global Summit 2017	14-06-2017	1	<a href="https://gnindia.dronacharya.info/events/Annual_Global_Summit_2017.aspx?Month=Jun&amp;Year=2017">https://gnindia.dronacharya.info/events/Annual_Global_Summit_2017.aspx?Month=Jun&amp;Year=2017</a>
Ms. Ragini Tiwari	Refresher Workshop on Human Values & Professional Ethics	13-06-2017 To 20-06-2017	1	<a href="https://gnindia.dronacharya.info/events/RefresherWorkshop_2017.aspx?Month=Jun&amp;Year=2017">https://gnindia.dronacharya.info/events/RefresherWorkshop_2017.aspx?Month=Jun&amp;Year=2017</a>
20 Faculty Member	Meet the IIT Faculty (MTF) sessions	12-06-2017 To 23-06-2017	20	<a href="https://gnindia.dronacharya.info/events/MTF_2017.aspx?Month=Jun&amp;Year=2017">https://gnindia.dronacharya.info/events/MTF_2017.aspx?Month=Jun&amp;Year=2017</a>
Ms. Swati Srivastava , Mr. Yogesh Jadav and Er. Moti Chand Yadav	FDP on "Human Values and Professional Ethics	30-06-2016 – 7-07-2016	3	<a href="https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&amp;Year=2016">https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&amp;Year=2016</a>

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Mr. Manoj Kumar Yadav Ms. Priyanka Tripathi Assistant Professor, IT Department	One Week FDP on "Network and Cyber Security	27-06-2016-1-07-2016	2	<a href="https://sway.office.com/SJ1vHx2AnSIScjXC">https://sway.office.com/SJ1vHx2AnSIScjXC</a>
Prof. S. K. Bagga, and Prof. T.P.N. Singh	IOT Project Presentation & Award Ceremony	26-08-2016	2	<a href="https://sway.office.com/cmE4v28pFY7jH7fS">https://sway.office.com/cmE4v28pFY7jH7fS</a>
Mr. Rahul Verma	QEEE Session on Laws of Thermodynamics	29-08-2016 To 31-08-2016	1	<a href="https://sway.office.com/cmE4v28pFY7jH7fS">https://sway.office.com/cmE4v28pFY7jH7fS</a>
Mr. Gaurav Siwal	Renewable Energy India Expo	7-09-2016 To 9-09-2016	1	<a href="https://sway.office.com/MzcOsUfjJCU8HBqd">https://sway.office.com/MzcOsUfjJCU8HBqd</a>
Dr. Somnath Sinha, Prof. Vinod Kumar	Smart India Hackathon 2017	11/09/2016	1	<a href="https://sway.office.com/B6WVInNiZIdukdPu">https://sway.office.com/B6WVInNiZIdukdPu</a>
Ms. Rajani Dwivedi	India International Science Festival (IISF)	7-12-2016 To 11-12-2016	1	<a href="https://sway.office.com/WOYUNGRXcULik5Iz?ref=Link">https://sway.office.com/WOYUNGRXcULik5Iz?ref=Link</a>
Prof. TPN Singh, Advisor (R&D) and Mr. Ankush Yadav	Innovation Festival- 2017	20-01-2017 To 23-01-2017	1	<a href="https://sway.office.com/GvSjRbQB3DdYvzw3?ref=Link">https://sway.office.com/GvSjRbQB3DdYvzw3?ref=Link</a>

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Mr. Ashwani Kumar	NPTEL SPOC Workshop cum Felicitation	15-07-2017	1	<a href="https://gnindia.dronacharya.info/events/NPTEL_SPOC_2017.aspx?Month=Jul&amp;Year=2017">https://gnindia.dronacharya.info/events/NPTEL_SPOC_2017.aspx?Month=Jul&amp;Year=2017</a>
Mr. Harshit Kumar	Expert Talk on "E-Mobility"	07/08/2017	1	<a href="https://gnindia.dronacharya.info/events/Event-Jul-2017.aspx?Month=Jul&amp;Year=2017">https://gnindia.dronacharya.info/events/Event-Jul-2017.aspx?Month=Jul&amp;Year=2017</a>
Ms. Monika Sinha	Faculty Development Program on Universal Human Values & Professional Ethics	4-07-2017 - 11-07-2017	1	<a href="https://gnindia.dronacharya.info/events/Universal_Human_2017.aspx?Month=Jul&amp;Year=2017">https://gnindia.dronacharya.info/events/Universal_Human_2017.aspx?Month=Jul&amp;Year=2017</a>
Mr. Vibhooti Narayan Mishra	IIRS Outreach Programme on "Remote Sensing and Digital Image Analysis"	21-08-2017 – 15-09-2017	1	<a href="https://gnindia.dronacharya.info/events/RemoteSensing_2017.aspx?Month=Aug&amp;Year=2017">https://gnindia.dronacharya.info/events/RemoteSensing_2017.aspx?Month=Aug&amp;Year=2017</a>
Mr. Navdeep Agrawal	QEEE D2S Session on "Matrix Stiffness Method"	21-08-2017 - 23-08-2017	1	<a href="https://gnindia.dronacharya.info/events/Matrix_Stiffness_2017.aspx?Month=Aug&amp;Year=2017">https://gnindia.dronacharya.info/events/Matrix_Stiffness_2017.aspx?Month=Aug&amp;Year=2017</a>
15 Faculties	AICTE-FDP-101x Foundation Program in ICT for Education	19-08-2017 - 20-08-2017	15	<a href="https://gnindia.dronacharya.info/events/AICTEFDP_2017.aspx?Month=Aug&amp;Year=2017">https://gnindia.dronacharya.info/events/AICTEFDP_2017.aspx?Month=Aug&amp;Year=2017</a>

  
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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
16 Faculties	AICTE approved FDP – “Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)”	16-09-2017 - 17-09-2017	16	<a href="https://gnindia.dronacharya.info/events/OnlineBlendedTeachingLearning_2017.aspx?Month=Sep&amp;Year=2017">https://gnindia.dronacharya.info/events/OnlineBlendedTeachingLearning_2017.aspx?Month=Sep&amp;Year=2017</a>
17 Faculties	"Scilab- Lecture Demonstration"	10/12/2017	17	<a href="https://gnindia.dronacharya.info/events/ScilabLecture.aspx?Month=Oct&amp;Year=2017">https://gnindia.dronacharya.info/events/ScilabLecture.aspx?Month=Oct&amp;Year=2017</a>
16 Faculties	AICTE Approved FDP on Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)	7-10-2017 - 8-10-2017	16	<a href="https://gnindia.dronacharya.info/events/FDP201X-2017.aspx?Month=Oct&amp;Year=2017">https://gnindia.dronacharya.info/events/FDP201X-2017.aspx?Month=Oct&amp;Year=2017</a>
Ms. Ragini Tiwari	Workshop on Universal Human Values and Professional Ethics	30-11-2017 - 7-12-2017	1	<a href="https://gnindia.dronacharya.info/events/FDPUniversalHumanValues.aspx?Month=Nov&amp;Year=2017">https://gnindia.dronacharya.info/events/FDPUniversalHumanValues.aspx?Month=Nov&amp;Year=2017</a>
Mr. Harshit Bhardwaj	Induction Training Programme	28-11-2017 - 20-12-2017	1	<a href="https://gnindia.dronacharya.info/events/TrainingProgramme_2017.aspx?Month=Nov&amp;Year=2017">https://gnindia.dronacharya.info/events/TrainingProgramme_2017.aspx?Month=Nov&amp;Year=2017</a>
Ms. Prachi Agarwal	T&P Officers Workshop Cum Meeting	28 -12- 2017	1	<a href="https://gnindia.dronacharya.info/events/WorkshopCumMeeting.aspx?Month=Dec&amp;Year=2017">https://gnindia.dronacharya.info/events/WorkshopCumMeeting.aspx?Month=Dec&amp;Year=2017</a>

  
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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No .	Links
Mr. Manik Mittal	“Shodharth 2017”	12/09/2017	1	<a href="https://gnindia.dronacharya.info/events/Shodharth2017.aspx?Month=Dec&amp;Year=2017">https://gnindia.dronacharya.info/events/Shodharth2017.aspx?Month=Dec&amp;Year=2017</a>
9 Faculties	NPTEL Awareness Workshop	20-01-2018	9	<a href="https://gnindia.dronacharya.info/events/NPTELWorkshop.aspx?Month=Jan&amp;Year=2018">https://gnindia.dronacharya.info/events/NPTELWorkshop.aspx?Month=Jan&amp;Year=2018</a>
Mr. Manoj Kumar Yadav	Master Training Workshop on Spoken Tutorial	19-01-2018	1	<a href="https://gnindia.dronacharya.info/events/MasterTrainingWorkshop.aspx?Month=Jan&amp;Year=2018">https://gnindia.dronacharya.info/events/MasterTrainingWorkshop.aspx?Month=Jan&amp;Year=2018</a>
Mr. Amit Jain, Mr. Manik Mittal and Dr. Kumud	8 Days Workshop on Universal Human and Professional Ethics	10-01-2018 - 17-01-2018	3	<a href="https://gnindia.dronacharya.info/events/WorkshopUniversalHumanEthics.aspx?Month=Jan&amp;Year=2018">https://gnindia.dronacharya.info/events/WorkshopUniversalHumanEthics.aspx?Month=Jan&amp;Year=2018</a>
Mr. Amit Jain	Seminar on "MATLAB and Simulink for Predictive Analytics, Signal Processing & Controls Applications"	21-02- 2018	1	<a href="https://gnindia.dronacharya.info/events/SeminarMATLAB_2018.aspx?Month=Feb&amp;Year=2018">https://gnindia.dronacharya.info/events/SeminarMATLAB_2018.aspx?Month=Feb&amp;Year=2018</a>
Mr. Amit Jain	Workshop on Microcontroller Design (MSP430)	16-02-2018 - 18-02-2018	1	<a href="https://gnindia.dronacharya.info/events/WorkshopMicrocontroller_Design2018.aspx?Month=Feb&amp;Year=2018">https://gnindia.dronacharya.info/events/WorkshopMicrocontroller_Design2018.aspx?Month=Feb&amp;Year=2018</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No .	Links
Prof. TPN Singh	A session on “TALK BY EMINENT PERSONALITIES”	02/06/2018	1	<a href="https://gnindia.dronacharya.info/events/TalkEminentPersonalities.aspx?Month=Feb&amp;Year=2018">https://gnindia.dronacharya.info/events/TalkEminentPersonalities.aspx?Month=Feb&amp;Year=2018</a>
Mr. Manik Mittal	QEEE session on Gas Power Cycle	26-03-2018 - 28-03-2018	1	<a href="https://gnindia.dronacharya.info/events/GasPowerCycle2018.aspx?Month=Mar&amp;Year=2018">https://gnindia.dronacharya.info/events/GasPowerCycle2018.aspx?Month=Mar&amp;Year=2018</a>
Ms. Monu Singh	AICTE approved Faculty Development Program	24-03-2018 - 25-03-2018	1	<a href="https://gnindia.dronacharya.info/events/FDPFoundationProgramICT.aspx?Month=Mar&amp;Year=2018">https://gnindia.dronacharya.info/events/FDPFoundationProgramICT.aspx?Month=Mar&amp;Year=2018</a>
Mrs. Honey Gupta	Women Startup Summit- Leadership Insights	03/08/2018	1	<a href="https://gnindia.dronacharya.info/events/WomenStartupSummit.aspx?Month=Mar&amp;Year=2018">https://gnindia.dronacharya.info/events/WomenStartupSummit.aspx?Month=Mar&amp;Year=2018</a>
Mr. Pravendra Yadav	QEEE session on Limit State Design of Reinforced Concrete Columns	7-03-2018 - 9-03-2018	1	<a href="https://gnindia.dronacharya.info/events/LimitStateDesign.aspx?Month=Mar&amp;Year=2018">https://gnindia.dronacharya.info/events/LimitStateDesign.aspx?Month=Mar&amp;Year=2018</a>
Ms. Monu Singh	IITB A-view interaction with Coordinators	26-04-2018	1	<a href="https://gnindia.dronacharya.info/events/IITBInteraction.aspx?Month=Apr&amp;Year=2018">https://gnindia.dronacharya.info/events/IITBInteraction.aspx?Month=Apr&amp;Year=2018</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Prassan Sharma	8 Day Workshop on "Universal Human and Professional Ethics"	28-05-2018 to 4-06-2018	1	<a href="https://gnindia.dronacharya.info/events/UniversalHuman.aspx?Month=May&amp;Year=2018">https://gnindia.dronacharya.info/events/UniversalHuman.aspx?Month=May&amp;Year=2018</a>
Mrs. Aditi Arora	Computer Society of India: Special Annual General Body Meeting	20-05-2018	1	<a href="https://gnindia.dronacharya.info/events/CSIAAnnualMeeting2018.aspx?Month=May&amp;Year=2018">https://gnindia.dronacharya.info/events/CSIAAnnualMeeting2018.aspx?Month=May&amp;Year=2018</a>
Mr. Pravendra Yadav	Summer School on STAAD Pro V8i	5-06-2018 - 15-06-2018	1	<a href="https://gnindia.dronacharya.info/events/SummerSchoolV8i.aspx?Month=June&amp;Year=2018">https://gnindia.dronacharya.info/events/SummerSchoolV8i.aspx?Month=June&amp;Year=2018</a>
Ms. Aditi Arora	MHRD-AICTE Workshop on Social Media- Uses & Effect	04/10/2018	1	<a href="https://gnindia.dronacharya.info/events/MHRDAICTEWorkshop2018.aspx?Month=Apr&amp;Year=2018">https://gnindia.dronacharya.info/events/MHRDAICTEWorkshop2018.aspx?Month=Apr&amp;Year=2018</a>
Mr. Brijesh Verma	A Two Day Workshop on "Basics of Foundry Practice"	8-03-2018 - 9-03-2018	1	<a href="https://gnindia.dronacharya.info/events/FoundryPractice2018.aspx?Month=Mar&amp;Year=2018">https://gnindia.dronacharya.info/events/FoundryPractice2018.aspx?Month=Mar&amp;Year=2018</a>
Mr. Gaurav Siwal, and Mr. Ajay Chaubey	WORKSHOP ON NC GUIDE SOFTWARE (CNC SIMULATOR)"	11/03/2017	2	<a href="https://gnindia.dronacharya.info/events/WorkshopNCGuideSoftware.aspx?Month=Nov&amp;Year=2017">https://gnindia.dronacharya.info/events/WorkshopNCGuideSoftware.aspx?Month=Nov&amp;Year=2017</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Mr. Bipin Pandey	One Day Workshop on Web Development	09/01/2018	1	<a href="https://gnindia.dronacharya.info/events/OneDayWorkshopDevelopment2018.aspx?Month=Sep&amp;Year=2018">https://gnindia.dronacharya.info/events/OneDayWorkshopDevelopment2018.aspx?Month=Sep&amp;Year=2018</a>
Prof TPN Singh	FACILITATION WORKSHOP ON DST-NIMAT PROJECT	29-11-2018	1	<a href="https://gnindia.dronacharya.info/events/DST_NIMAT.aspx?Month=Nov&amp;Year=2018">https://gnindia.dronacharya.info/events/DST_NIMAT.aspx?Month=Nov&amp;Year=2018</a>
Mr. Rajat Kumar	NPTEL : SPOC FELICITATION CUM AWARENESS WORKSHOP	19-01-2019	1	<a href="https://gnindia.dronacharya.info/events/SPOC2019.aspx?Month=Jan&amp;Year=2019">https://gnindia.dronacharya.info/events/SPOC2019.aspx?Month=Jan&amp;Year=2019</a>
41 Faculty	One Day Main Workshop On Moodle Learning	15-03-2019	41	<a href="https://gnindia.dronacharya.info/events/Moodle_Learning_Management_System_2019.aspx?Month=Mar&amp;Year=2019">https://gnindia.dronacharya.info/events/Moodle_Learning_Management_System_2019.aspx?Month=Mar&amp;Year=2019</a>
Mr. Probeer Sahw, Mr. Ravi Prakash Verma and Mr. Vishnu Kuntal	Two-Days e-Yantra Workshop on Introduction to Robotics	26-04-2019 - 27-04-2019	3	<a href="https://gnindia.dronacharya.info/events/writeup_2019.aspx?Month=Apr&amp;Year=2019">https://gnindia.dronacharya.info/events/writeup_2019.aspx?Month=Apr&amp;Year=2019</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No .	Links
15 Faculty	One Day Workshop on Scilab	05/04/2019	15	<a href="https://gnindia.dronacharya.info/events/Scilab_09052019.aspx?Month=May&amp;Year=2019">https://gnindia.dronacharya.info/events/Scilab_09052019.aspx?Month=May&amp;Year=2019</a>
Mr. Rajat Kumar	Workshop on Smart Classroom	24-06-2019 - 25-06-2019	1	<a href="https://gnindia.dronacharya.info/events/Workshop_on_Smart_Classroom_09092019.aspx?Month=June&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop_on_Smart_Classroom_09092019.aspx?Month=June&amp;Year=2019</a>
20 Faculty	Workshop on Python	22-06-2019	20	<a href="https://gnindia.dronacharya.info/events/Workshop_onPython_25062019.aspx?Month=June&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop_onPython_25062019.aspx?Month=June&amp;Year=2019</a>
Ms. Anjali Yadav	Short Term Course on Introduction to Programming : A Pedagogical Approach	17-06-2019 - 22-06-2019	1	<a href="https://gnindia.dronacharya.info/events/SHORT_TERM_COURSE01072019.aspx?Month=June&amp;Year=2019">https://gnindia.dronacharya.info/events/SHORT_TERM_COURSE01072019.aspx?Month=June&amp;Year=2019</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Dr. Sahab Singh	3-Days Management Development Program on “Effective Communication for Managerial Success”	30-08-2019 - 1-09-2019	1	<a href="https://gnindia.dronacharya.info/events/Management_Development_Program_18092019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/events/Management_Development_Program_18092019.aspx?Month=Aug&amp;Year=2019</a>
Mr. Rajkamal K Gupta	Workshop on LINUX	23-08-2019	1	<a href="https://gnindia.dronacharya.info/events/Workshop_on_LINUX_30092019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop_on_LINUX_30092019.aspx?Month=Aug&amp;Year=2019</a>
Mr. Manoj Kumar Yadav	Cisco Networking Academy Workshop on Computer Network	17-08-2019	1	<a href="https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_2_03102019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_2_03102019.aspx?Month=Aug&amp;Year=2019</a>
Mr. Manoj Kumar Yadav	Workshop on Computer Network	16-08-2019	1	<a href="https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_04102019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_04102019.aspx?Month=Aug&amp;Year=2019</a>
Mr. Rajkamal Kishor Gupta	Coordinators' Workshop on LINUX	08/03/2019	1	<a href="https://gnindia.dronacharya.info/events/Workshop_on_LINUX_23092019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop_on_LINUX_23092019.aspx?Month=Aug&amp;Year=2019</a>
Mr. Probeer Sahw	Workshop on eSim, first course in the IoT series for teachers	21-09-2019	1	<a href="https://gnindia.dronacharya.info/events/One_Day_Workshop_on_eSim_24092019.aspx?Month=Sep&amp;Year=2019">https://gnindia.dronacharya.info/events/One_Day_Workshop_on_eSim_24092019.aspx?Month=Sep&amp;Year=2019</a>
Dr. Azad Singh	Workshop on “Effective and Efficient Online Teaching in the Age of Corona”	16-05-2020	1	<a href="https://gnindia.dronacharya.info/events/Workshop-Effective-Efficient-corona-16-May-2020.aspx?Month=May&amp;Year=2020">https://gnindia.dronacharya.info/events/Workshop-Effective-Efficient-corona-16-May-2020.aspx?Month=May&amp;Year=2020</a>

  
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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Dr. Sahab Singh	3 - Days Management Development Program on "Design Thinking for Strategy and Innovation"	6-09-2019 - 8-09-2019	1	<a href="https://gnindia.dronacharya.info/events/ManagementDevelopmentProgram03102019.aspx?Month=Sep&amp;Year=2019">https://gnindia.dronacharya.info/events/ManagementDevelopmentProgram03102019.aspx?Month=Sep&amp;Year=2019</a>
Dr. Sahab Singh	National Faculty Development Program on Entrepreneurship	16-12-2019 - 27-12-2019	1	<a href="https://gnindia.dronacharya.info/events/EDII-Report.aspx?Month=Dec&amp;Year=2019">https://gnindia.dronacharya.info/events/EDII-Report.aspx?Month=Dec&amp;Year=2019</a>
Dr.S.K.Srivastava and Mr. Rajranjan Prasad	Orientation-cum-Workshop - Unnat Bharat Abhiyan 2.0	12/02/2019	2	<a href="https://gnindia.dronacharya.info/events/Unnat-Bharat-Abhiyan-17122019.aspx?Month=Dec&amp;Year=2019">https://gnindia.dronacharya.info/events/Unnat-Bharat-Abhiyan-17122019.aspx?Month=Dec&amp;Year=2019</a>
Mrs. Neelam Bhardwaj	Workshop on Combating Fraud Activities using Data Science	01/11/2020	1	<a href="https://gnindia.dronacharya.info/events/CoFAD-DGI-17012020.aspx?Month=Jan&amp;Year=2020">https://gnindia.dronacharya.info/events/CoFAD-DGI-17012020.aspx?Month=Jan&amp;Year=2020</a>
Mrs. Lily Kumari, Mr. Chandan Choubey ,Mr. Dharmendra Pal and Mr. Pradeep Singh Chauhan	e-Yantra workshop on "Introduction to Robotics"	7-01-2020 - 8-01-2020	4	<a href="https://gnindia.dronacharya.info/events/Faculty-attended-E-yantra-Workshop.aspx?Month=Jan&amp;Year=2020">https://gnindia.dronacharya.info/events/Faculty-attended-E-yantra-Workshop.aspx?Month=Jan&amp;Year=2020</a>
Mr. Bipin Pandey	Workshop on C & C++	29-02-2020	1	<a href="https://gnindia.dronacharya.info/events/Workshop-on-C-Cplus.aspx?Month=Feb&amp;Year=2020">https://gnindia.dronacharya.info/events/Workshop-on-C-Cplus.aspx?Month=Feb&amp;Year=2020</a>

  
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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
Mr. Vineet Kumar Mishra	3 - Days Education Professionals' Development Programme	21-02-2020 - 23-02-2020	1	<a href="https://gnindia.dronacharya.info/events/Report-Education-Professionals.aspx?Month=Feb&amp;Year=2020">https://gnindia.dronacharya.info/events/Report-Education-Professionals.aspx?Month=Feb&amp;Year=2020</a>
Ms. Payal Garg	workshop on Arduino, a course in the IoT series for teachers	02/08/2020	1	<a href="https://gnindia.dronacharya.info/events/Workshop-on-Arduino-20022020.aspx?Month=Feb&amp;Year=2020">https://gnindia.dronacharya.info/events/Workshop-on-Arduino-20022020.aspx?Month=Feb&amp;Year=2020</a>
Mr. Rajat Kumar	SPOC Felicitation Cum Awareness Workshop of NPTEL	08/03/2019	1	<a href="https://gnindia.dronacharya.info/events/SPOC-Workshop-NPTEL-3-August-2019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/events/SPOC-Workshop-NPTEL-3-August-2019.aspx?Month=Aug&amp;Year=2019</a>
Ms. JASMEET KAUR	Short Term Course On "Internet of Things"	9-09-2019 - 13-09-2019	1	<a href="https://gnindia.dronacharya.info/events/Short-Term-Course-Internet-Things-9-13%20Sep-2019.aspx?Month=Sep&amp;Year=2019">https://gnindia.dronacharya.info/events/Short-Term-Course-Internet-Things-9-13%20Sep-2019.aspx?Month=Sep&amp;Year=2019</a>
Vishnu Kuntal	BMW SKILL NEXT Workshop on "Technical Skilling"	12/04/2019	1	<a href="https://gnindia.dronacharya.info/events/BMW-SKILL-NEXT-Workshop-4-December-2019.aspx?Month=Dec&amp;Year=2019">https://gnindia.dronacharya.info/events/BMW-SKILL-NEXT-Workshop-4-December-2019.aspx?Month=Dec&amp;Year=2019</a>
Mr. Rajat Kumar	Workshop on R	17-12-2019	1	<a href="https://gnindia.dronacharya.info/events/Workshop-R-17-Dec-2019.aspx?Month=Dec&amp;Year=2019">https://gnindia.dronacharya.info/events/Workshop-R-17-Dec-2019.aspx?Month=Dec&amp;Year=2019</a>

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Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	No.	Links
25 Faculty	FDP on "Mobile Application Development"	6-07-2020 - 11-07-2020	25	<a href="https://gnindia.dronacharya.info/events/FDP-Mobile-Application-Development-JULY-2020.aspx?Month=Jul&amp;Year=2020">https://gnindia.dronacharya.info/events/FDP-Mobile-Application-Development-JULY-2020.aspx?Month=Jul&amp;Year=2020</a>
10 Faculty	Material Processing	Jul-20	10	<a href="https://sway.office.com/sClQB8cRso5GEBTI">https://sway.office.com/sClQB8cRso5GEBTI</a>
35 Faculty	Mind Control: Managing Your Mental Health During COVID-19	Jul-20	35	<a href="https://gnindia.dronacharya.info/events/Mind-Control-Managing-COVID-19%20-20-25-July-2020.aspx?Month=Jul&amp;Year=2020">https://gnindia.dronacharya.info/events/Mind-Control-Managing-COVID-19%20-20-25-July-2020.aspx?Month=Jul&amp;Year=2020</a>
Ms. Neelam Bhardwaj and Mr. Chandan Choubey	Three days Workshop on "Rural Entrepreneurship and Rural Start-Ups"	17-02-2021 - 19-02-2021	2	<a href="https://gnindia.dronacharya.info/events/Workshop-Rural-Entrepreneurship.aspx?Month=Feb&amp;Year=2021">https://gnindia.dronacharya.info/events/Workshop-Rural-Entrepreneurship.aspx?Month=Feb&amp;Year=2021</a>

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6	Online Refresher/Induction Programme on "Use of ICT in Engineering Education"	7-04-2021 - 13-04-2021	6	<a href="https://gnindia.dronacharya.info/events/Use-ICT-Engineering-Education.aspx?Month=Apr&amp;Year=2021">https://gnindia.dronacharya.info/events/Use-ICT-Engineering-Education.aspx?Month=Apr&amp;Year=2021</a>
Prof. Probeer Sahw	One Week Workshop on Hardware Programming Using Arduino	11-01-2021 - 16-01-2021	1	<a href="https://sway.office.com/IB2QjcdAUBkIlaMA">https://sway.office.com/IB2QjcdAUBkIlaMA</a>
20 Faculty	One Week Workshop on PHP	18-01-2021 -22-01-2021	20	<a href="https://gnindia.dronacharya.info/events/One-Week-Workshop-PHP-22-JAN-2021.aspx?Month=Jan&amp;Year=2021">https://gnindia.dronacharya.info/events/One-Week-Workshop-PHP-22-JAN-2021.aspx?Month=Jan&amp;Year=2021</a>
Ms. Neelam Bhardwaj	Faculty Entrepreneurship Development Program (FDP)	15-03-2021 - 6-04-2021	1	<a href="https://gnindia.dronacharya.info/events/FDP-15-march-6-april-2021.aspx?Month=Mar&amp;Year=2021">https://gnindia.dronacharya.info/events/FDP-15-march-6-april-2021.aspx?Month=Mar&amp;Year=2021</a>
Ms. Neelam Bhardwaj	FDP on "Advance Excel with Data Visualization"	5-04-2021 - 10-04-2021	1	<a href="https://sway.office.com/VRphf5OYx9qbJrW7">https://sway.office.com/VRphf5OYx9qbJrW7</a>
22 Faculty	APPLIED MICROSOFT .NET FRAMEWORK PROGRAMMING	21-06-2021 -26-06-2021	22	<a href="https://gnindia.dronacharya.info/events/APPLIED-MICROSOFT-NET-FRAMEWORK-PROGRAMMING-21-26-June-2021.aspx?Month=Jun&amp;Year=2021">https://gnindia.dronacharya.info/events/APPLIED-MICROSOFT-NET-FRAMEWORK-PROGRAMMING-21-26-June-2021.aspx?Month=Jun&amp;Year=2021</a>

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Name of the event: Faculty Development Program on "Control of Pneumatic Valves"

Date of the event: 29th December 2016 - 09th January 2017

No. of Participant: 3

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.

#### **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.

  
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#### 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.



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Link of the Event:

[https://gnindia.dronacharya.info/events/Control\\_Pneumatic\\_2016.aspx?Month=Dec&Year=2016](https://gnindia.dronacharya.info/events/Control_Pneumatic_2016.aspx?Month=Dec&Year=2016)



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Name of the event: Faculty Training Program On Android Skilling

Date of the event: 08-05-2017 To 12-05-2017

No. of Participant:1

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. **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.

#### **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.

  
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### **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. 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.

  
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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.



Link of the Event:

[https://gnindia.dronacharya.info/events/FDP\\_Android\\_Skilling\\_2017.aspx?Month=May&Year=2017](https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&Year=2017)

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Name of the event: Faculty Development Programme (FDP) on Emerging Trends in Engineering, Sciences and Management

Date of the event: 5th - 16th June 2017

No. of Participant:29

**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.


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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Link of the Event:


[https://gnindia.dronacharya.info/events/FDP\\_Emerging\\_Trends\\_Engineering.aspx?Month=Jun&Year=2017](https://gnindia.dronacharya.info/events/FDP_Emerging_Trends_Engineering.aspx?Month=Jun&Year=2017)

Name of the event: Faculty Development Program on Human Values and Professional Ethics

Date of the event: 30-06-2016 To 07-07-2016

No. of Participant:3

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**.

  
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**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**".

**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.

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### 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](https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&Year=2016)

  
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Name of the event: One Week FDP on "Network and Cyber Security"

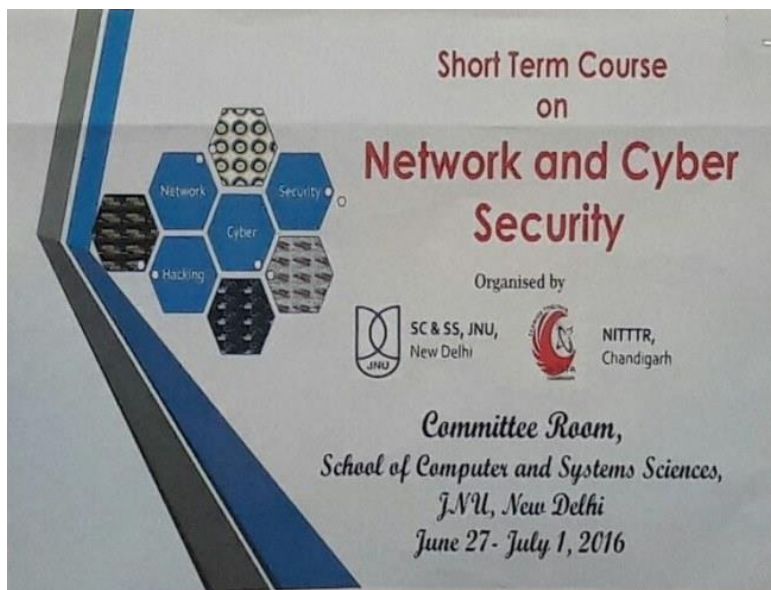
Date of the event: 27-06-2016 To 01-07-2016


No. of Participant: 2

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. Mr. Manoj Kumar Yadav, Assistant Professor, CSE Department and Ms. Priyanka Tripathi, Assistant Professor, IT Department 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 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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Link of the Event: <https://sway.office.com/SJ1vHx2AnSIscjXC>

Name of the event: NPTEL Awareness Workshop for Local Chapter's SP

Date of the event: 2nd July 2016

No. of Participant:2

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. Itâ€™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** and **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.

**Prof. Thangaraj** also elaborated on the fact of how to use the **NPTEL certificates**. He stated that these certificates are very useful in placements and internship. NPTEL is also thinking to invite the top scorers for the internship at IIT Madras. Moving on in the same line, he told the audience about the process of establishing the exam center in their city and how to send a request to them.

Later on the session was taken over **Ms. Bharathi Balaji, Senior Project Officer, NPTEL, IIT Madras** She advised the audience of all the administrative requirements to be met online for the portal.

The session post mid - day was dedicated to the feedback /queries / questions of the local chapters SPOCs. We all had a very eventful interaction. All the SPOCs shared the best practices they are adopting in their respective colleges about the **NPTEL TEAM**. Some of the queries / feedbacks were-

1. The offline / Online mode for the question paper must be decided in advance.
2. The timings for the end exam must be changed as the female students need to travel in the evening. To this query, Andrew sir stated that the time has been kept for evening as few students need to travel in the morning from the far off places.


  
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3. The NPTEL courses must be recognized by all the colleges / universities to be a part of their curriculum.
4. The difficulty level of the course must be analyzed before selection of any course to generate the maximum impact factor.
5. The emphasis must be given on the quality of students and not quantity.

After grabbing all the feedbacks and discussion, the **NPTEL Awareness Workshop** ended with the Vote of Thanks by **Ms. Kamala Ramakrishnan, Facilitator, NPTEL IIT, Madras.**




  
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Link of the Event:

[https://gnindia.dronacharya.info/events/NPTEL\\_2016.aspx?Month=Jul&Year=2016](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 Conducted by NITTTR, Chandigarh

Date of the event: 18th - 22nd July 2016

No. of Participant:1

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.

**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).

  
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## 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 Consciences**. 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.

  
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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

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](https://gnindia.dronacharya.info/events/Soft_Skill_2016.aspx?Month=Jul&Year=2016)

Name of the event: Spoken Tutorial - Making India IT Literate Faculty Development Program on LATEX


Date of the event: 11-07-2016 To 12-07-2016 (Online)

No. of Participant:35

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.

  
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### 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.

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.



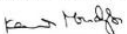
  
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### Certificate Of Faculty Development Program on LATEX


This is to certify that **Mr. Gaurav Sharma** has participated in **Faculty Development Program** from **11-07-2016 To 12-07-2016** on **LATEX** organized by **Dronacharya Group of Institutions, Greater Noida**, with course material provided by the Spoken Tutorial Project, IIT Bombay.

**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**.

  
Prof. Karan M Mudgalya  
IIT Bombay

Date : July 12, 2016.

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

  
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## Certificate Of Faculty Development Program on LATEX

This is to certify that **Mr. Harshit Bhardwaj** has participated in **Faculty Development Program** from **11-07-2016 To 12-07-2016** on **LATEX** organized by **Dronacharya Group of Institutions, Greater Noida**, with course material provided by the Spoken Tutorial Project, IIT Bombay.

**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..**

  
Prof. Kannan M Mudgalya  
IIT Bombay

Date : July 12, 2016.

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



## Certificate Of Faculty Development Program on LATEX

This is to certify that **Mr. Parveen Panwar** has participated in **Faculty Development Program** from **11-07-2016 To 12-07-2016** on **LATEX** organized by **Dronacharya Group of Institutions, Greater Noida**, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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Prof. Kannan M Mudgalya  
IIT Bombay

Date : July 12, 2016.

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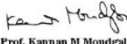
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### Certificate Of Faculty Development Program on LATEX

This is to certify that **Ms. Ritu Sharma** has participated in **Faculty Development Program** from **11-07-2016 To 12-07-2016** on **LATEX** organized by **Dronacharya Group of Institutions, Greater Noida**, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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Prof. Kannan M Moudgalya  
IIT Bombay

Date : July 12, 2016.

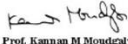
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This is to certify that **Ms. SWATI GOEL** has participated in **Faculty Development Program** from **11-07-2016 To 12-07-2016** on **LATEX** organized by **Dronacharya Group of Institutions, Greater Noida**, with course material provided by the Spoken Tutorial Project, IIT Bombay.

**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**.

  
Prof. Kannan M Moudgalya  
IIT Bombay

Date : July 12, 2016.

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

Link of the Event:

[https://gnindia.dronacharya.info/events/LATEX\\_2016.aspx?Month=Jul&Year=2016](https://gnindia.dronacharya.info/events/LATEX_2016.aspx?Month=Jul&Year=2016)

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Name of the event: India Skills Competitions – 2016 (Skill of Mechatronics) FESTO India Private Limited, Noida

Date of the event: 8th July 2016

No. of Participant:1

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**.

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](https://gnindia.dronacharya.info/events/India_Skills_2016.aspx?Month=Jul&Year=2016)

Name of the event: INDIA - UK TECH SUMMIT 2016


Date of the event: 7th - 9th NOVEMBER 2016

No. of Participant: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

  
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3. Design
4. Higher Education
5. Intellectual Property

### **Inaugural session**

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.

**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.

  
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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.

**Rt. Hon. Liam Fox MP Secretary State for international Trade** reminded the audience how UK was considered the most innovative country in the world and that it was the "**natural partner**" for India to grow its skilled workforce and help accelerate technological development. He also referred to India's smart cities project as "**perhaps the world's most ambitious project**" and a key sector where UK was partnering the country. Concluding his address, he stated, "**India is taking its place in the world and Britain will stand by one of its strongest allies.**"

**Mr. Amitabh Kant, Chief Executive Officer, NITI Aayog** said - India should push the limit when it comes to enhancing and deepening trade & investment at the bilateral level.

**Prof. Ashutosh Sharma, Secretary Department of Science & Technology, Govt. of India**, expressed that India needs different kinds of technologies and innovation to address the diverse local requirements, at different price levels for diverse segments of the population.

Inaugural addresses for the second session were given by **Mr. Arun Jaitley** Minister for Finance and Corporate Affairs and **Mr. Liam Fox** Secretary of State for International Trade U.K.

In his address **Mr. Arun Jaitley** said - "**Protectionism is a voice almost not heard in India any longer,**" he emphasized. "**India is impatient and, as an aspirational nation, doesn't want to let go of any opportunity.**" He believed that the share of manufacturing has to increase from the present 15% to 25% level. He also referred to manufacturing's "**huge potential to grow especially in eastern India**" and welcomed investments in infrastructure given the country's ambitious highway construction programme as well as in railway stations, airports and seaports.



## Panel Discussion

**During the panel discussion on Future Healthcare Sir Andrew Witty, CEO of GlaxoSmithKline** expressed that without technology, the mission of the government to bring better healthcare access for everyone in India is going to be a challenge. Technology has the power to treat people in a cost - effective way and brings the focus towards prevention rather than cure. It brings awareness and also lets people spend lesser time in hospitals. India has the opportunity of using fresh technology and build products with a fresh approach, unlike anywhere else in the world. India, in general, has a very diverse and vibrant startup culture and ecosystem. With India's size and the diversity of population, it's also understood that the scope and breadth of startups will only increase.

**During the panel discussion on Social Entrepreneurship Shri Rajiv Pratap Rudy Minister of State for Skill Development & Entrepreneurship** said skill set needs to be developed for jobs in unorganized sector such as utility services.

There is lack of standardization, common framework and certification of skilling in India. There is a requirement for well trained trainers and quality curriculum based on a standardized national framework to resolve these problems. The first work this Ministry is doing is to rationalize the training norms in terms of inputs and outcomes across the Ministries and Departments.

**Dronacharya Group of Institutions, Greater Noida participated in AICTE – CII Survey of Industry - linked Technical Institutes 2016 in which Mechanical Engineering Department was ranked in Platinum Category with a score band of >30.**

The summit, has provided a wide - ranging knowledge partnership platform to industry, institutions and government agencies from India and the UK for forging knowledge, Business Partnerships in manufacturing, trade & investments and also in facilitating a comprehensive convergence of key elements of Knowledge Economy, i.e., Science, Technology and Research & Development; Design; Intellectual Property Rights, Higher Education and Skills; and Innovation & Entrepreneurship.


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Link of the Event:

[https://gnindia.dronacharya.info/events/Uk\\_Tech\\_Summit\\_2016.aspx?Month=Nov&Year=2016](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' by (NEN)

Date of the event: 13th - 15th July 2016

No. of Participant:1

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). The participants were divided into small groups (4 - 5 participates 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.

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### **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 Event:

[https://gnindia.dronacharya.info/events/Entrepreneurship\\_Educator\\_Program1\\_2016.aspx?Month=Jul&Year=2016](https://gnindia.dronacharya.info/events/Entrepreneurship_Educator_Program1_2016.aspx?Month=Jul&Year=2016)

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Name of the event: AICTE Sponsored QIP short term course On Modeling and Control of Robot

Date of the event: 11th - 15th July, 2016

No. of Participant:1

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.

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.

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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
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.

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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.

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.

  
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Link of the Event:

[https://gnindia.dronacharya.info/events/QIP\\_2016.aspx?Month=Jul&Year=2016](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: 4th - 8th July 2016

No. of Participant:1

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.

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

  
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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 Aggarwalexplained D. Jackson Theorem and its application. He explained how this theorem has its application in physics also. Dr. Lalit 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 Event:

[https://gnindia.dronacharya.info/events/Mathematical\\_Analysis\\_2016.aspx?Month=Jul&Year=2016](https://gnindia.dronacharya.info/events/Mathematical_Analysis_2016.aspx?Month=Jul&Year=2016)

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Name of the event: Visit to Alpha - I Diksha Charitable School

Date of the event: 27th July 2016

No. of Participant:6

Summary of the event:

**SMILE (Sharing Moments and Illuminating Lives Everywhere) Club of Dronacharya Group of Institutions** organized a visit to **Diksha Charitable School** located in **Alpha - 1, Greater Noida on 27th July 2016** to pay tribute to Ex. President of India, **Dr. A.P.J .Abdul Kalam**. The objective of the event was to provide necessary items to the under privileged children and enlighten them about the life of **Dr. A.P.J. Abdul Kalam**. Smile Club coordinators with six faculty members went along for the visit.

**Smile Club** Coordinator spoke about Ex. President of our country. **Dr. Kalam** was the **11th President of India**. He was born on **15 October 1931** and died on **27th July 2015**. He spent the four decades as a scientist and science administrator, mainly at the **Defence Research and Development Organisation (DRDO)** and **Indian Space Research Organisation (ISRO)**. He also won Bharat Ratna Award. He loved talking to the students. He was known as the Missile Man in India.

Further faculty members organized a drawing competition where colours and other materials were distributed and children enjoyed the activity conducted. Then the best three drawings made by children were selected and special prize was given to them. A quiz was organized on General Awareness to motivate the students to participate in the activity and enhance their knowledge. Then the children recited the poems they had learnt in the school.

At the end of the visit Smile Club Coordinator distributed gifts to all the children which made them very happy and they all were very excited. The children recited the slogans of **Jai Hind Jai Bharat** together.

**"If you want to shine like a sun, first burn like a sun," APJ Abdul Kalam had said in one of his inspirational speeches. He certainly did.**

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Link of the Event:

[https://gnindia.dronacharya.info/events/DGI\\_SMILE\\_2016.aspx?Month=Jul&Year=2016](https://gnindia.dronacharya.info/events/DGI_SMILE_2016.aspx?Month=Jul&Year=2016)

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Name of the event:

Awareness Session on "STROKE" Conducted by Dr. Reddy's Foundation for Health Education (DRFHE) & CII (Confederation of Indian Industry)

Date of the event: 21st July 2016

No. of Participant:38

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**.

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.

  
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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](https://gnindia.dronacharya.info/events/STROKE_2016.aspx?Month=Jul&Year=2016)

Name of the event:

EXPERT LECTURE ON NETWORK THEORY: BASICS & APPLICATIONS


Date of the event: 22nd August 2016

No. of Participant:8

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.

  
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#### 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.

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.

  
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Overall, the lecture was very informative and motivating for the students.



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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" Conducted By National Institute of Technical Teachers Training and Research, Chandigarh

Date of the event: 29th August to 2nd September 2016

No. of Participant: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.

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.

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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.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/Open\\_Source\\_2016.aspx?Month=Aug&Year=2016](https://gnindia.dronacharya.info/events/Open_Source_2016.aspx?Month=Aug&Year=2016)

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Name of the event: 1st Dr. APJ Abdul Kalam Memorial Lecture and Session on Technology Trends and Future Research Directions for India Diwan-I-Am, Taj Mahal Hotel, Mansingh Road, New Delhi.

Date of the event: 10th August 2016

No. of Participant:1

Summary of the event: Confederation of Indian Industries (CII) organized 1st Dr. APJ Abdul Kalam Memorial Lecture and Session on Technology Trends and Future Research Directions for India on 10 August 2016 at Taj Mahal Hotel, New Delhi. Prof. TPN Singh, Advisor (R&D) along with three students namely Adarsh Nair, Arshnoor Tandon of ME and Sachin Verma of ECE, Dronacharya Group of Institutions, Greater Noida attended the event.

Ms. Shobana Kamineni, President CII and executive chairman, Apollo Enterprises (P) Ltd. rendered the welcome address. The entire country and world at large has been overwhelmed by the huge and significant contribution of Dr. APJ Abdul Kalam. He was universally known as the Rocket Scientist of India. Humility and empathy was the embodiment of his persona. His quotes were remembered like:

1. Look at the sky. We are not alone. The whole universe is friendly to us.
2. All birds find shelter during rain. But eagles avoid rain by flying above the clouds.
3. If you want to shine like a sun, first burn like a sun.

Dr. Kalam's knowledge of music and classical dance was amazing. He gave maximum attention for laying foundation of Research and Science for business prosperity and graciously accepted the chairmanship of CII to develop Science and Technology. Technology for Agriculture and Rural Sciences were given paramount importance. He promoted large number of joint ventures in R&D areas with global players. CII established the first Nano Technology cell as centre of excellence with Gujarat during his tenure.

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Dr. APJM Nazima Marakayar, grandniece of Dr. Kalam and Managing Trustee of Kalam International Foundation addressed the audience. She thanked the Almighty for togetherness shared with Dr. Kalam. Technologies in various dimensions were worked upon by him and Strategic scientific measures in Medicine, bio-technology, material sciences etc. promoted vigorously. She thanked CII for paying tributes to Dr. Kalam.

Panel discussion took place on Technology Trends and Future Research Directions for India. The panelists were:

Prof. Pankaj Chandra, Chairman, Board of Management, Ahmedabad University

Dr. T Ramasami, Former Secretary, DST, GoI

Ms. Shobana Kamineni, President Designate CII and Executive Vice Chairperson, Apollo Hospitals Enterprise Ltd.

Dr. S Guruprasad, Outstanding Scientist & CC R&D (PC & SI), (DRDO)

Mr. Kiran Karnik, Former president, NASSCOM

Mr. Salil Singhal, Chairman & Managing Director, PI Industries Ltd.

Dr. Chidambaram stated that innovation led growth is no longer the prerogative of high income countries. Sustainable development requires Collaborative innovation.

Mr. Karnik emphasized on health care and technology. H said that expenditure on R&D is very dismal in our country. It is not even 1% of the budget where as in other countries it is 4 to 5%. He stated that innovation flourishes in diversity and for India it is a big dividend.

Dr. Guru Prasad paid homage to Dr. Kalam and said that he created leaders out of ordinary people at DRDO. He quoted Dr. Richard Feynman, Nobel Prize winner in physics, "There is plenty of room in the bottom referring to atoms and molecules".


Mr. Pankaj Chandra said that a "Knowledge Economy" is what India should be. It needs both a technology superstructure and foundation of high education and basic research. India needs an excellent Research, Development and Innovation eco-system. A strong academia - industry interaction and a deep commitment to rural technology delivery is the requirement. India should be ready to be the producer of new advanced technologies.





The panel discussion ended at 03:00 pm. Vote of Thanks was rendered by Ms. Shobana Kamineni.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/APJ\\_Abdul\\_2016.aspx?Month=Aug&Year=2016](https://gnindia.dronacharya.info/events/APJ_Abdul_2016.aspx?Month=Aug&Year=2016)

Name of the event: One Week Coordinators Workshop on CMOS, Mixed Signal and Radio Frequency VLSI Design India Institute of Technology, Kharagpur

Date of the event: 19th - 23rd September 2016


No. of Participant:1

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**.

  
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## 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)

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.

  
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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 manne

  
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Link of the Event:

[https://gnindia.dronacharya.info/events/CMOS\\_2016.aspx?Month=Sep&Year=2016](https://gnindia.dronacharya.info/events/CMOS_2016.aspx?Month=Sep&Year=2016)


Name of the event: Instructor Training Program on CCNA 1&2 (Routing & Switching)

Date of the event: 28th November 2016 to 10th December 2016

No. of Participant:1

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.

  
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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.

  
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### **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](https://gnindia.dronacharya.info/events/Event_Nov_2016.aspx?Month=Nov&Year=2016)


Name of the event: Entrepreneurship Educator Program BIMTECH, Greater Noida

Date of the event: 21st - 23rd December 2016

No. of Participant:1

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.

  
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### **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.

### **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](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 EDII, Ahmadabad

Date of the event: 19th December - 30th December, 2016

No. of Participant:1

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.

**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.

  
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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.

  
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#### **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.

  
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### 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.

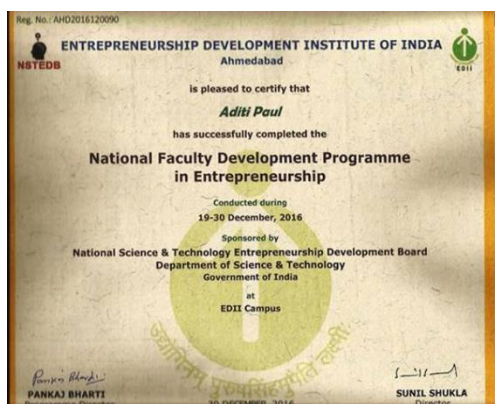
### Day - 10 (29th December 2016)


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.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/National\\_Faculty\\_Development\\_Program\\_2016.aspx?Month=Dec&Year=2016](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 Unlocking India's Digital Potential New Delhi

Date of the event: 9th December 2016

No. of Participant:1


**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.

**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'.**

  
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### **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.
- 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:

  
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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.

  
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Link of the Event:

[https://gnindia.dronacharya.info/events/ETV\\_2016.aspx?Month=Dec&Year=2016](https://gnindia.dronacharya.info/events/ETV_2016.aspx?Month=Dec&Year=2016)

Name of the event: 51st Annual Convention - CSI: 2016 Coimbatore, Tamilnadu

Date of the event: 25th January 2017

No. of Participant:1

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**.

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### **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**.

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:

- **Prof. Dr Anirban Basu (President - CSI)**
- **Mr. Sanjay Mohapatra (Vice-President - CSI),**
- **Prof. A.K.Nayak (Hon. Secretary - CSI)**
- **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)**.

  
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This grand celebration came to an end with the feedback of different Student Branch.



Link of the Event:

[https://gnindia.dronacharya.info/events/51st Annual Convention 2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/51st%20Annual%20Convention%202017.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: 31st January 2017

No. of Participant:1

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

*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.

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**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](https://gnindia.dronacharya.info/events/Workshop_NPTEL_2017.aspx?Month=Jan&Year=2017)

  
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Name of the event: Awareness Workshop for Smart India Hackathon

AICTE Auditorium at New Delhi

Date of the event: 18th January, 2017

No. of Participant:1

Summary of the event: **All India Council for Technical Education (AICTE)**, under the aegis of Ministry of Human Resource Development, Govt. of India in association with Inter Institutional Inclusive Innovation Center (i4c), and Persistent Systems is organizing '**Smart India Hackathon 2017**', a unique initiative to identify new and disruptive digital solutions for solving the challenges faced by our country.

In this regard AICTE organized an **Awareness Workshop for Smart India Hackathon on 18th Jan, 2017** at **AICTE Auditorium at New Delhi**. The workshop was graced by :

**Shri. Prakash Javadekar, Hon'ble Minister of HRD, Government of India**

**Dr. Anil Sahasrabudhe, Chairman, AICTE.**


**Dr. Manpreet Manna, Director, AICTE.**

**Dr. Abhay Jere, Secretary, Organizing Committee, Smart India Hackathon 2017.**

SPOCs, Directors /Principals and Faculties along with the Students of AICTE approved institutions attended the workshop. Faculty members **Dr. Somnath Sinha** and **Sh. Ashwani Kumar** along with the students, **Vikas Rai, Sachin Verma & Apratim** represented **Dronacharya Group of Institutions, Greater Noida** at the workshop.

Inaugurating the workshop, **Dr.Manna** welcomed all the participants and gave a brief of **Smart India Hackathon 2017**, its structure, rules of participation and mode of idea submission.

**Shri. Prakash Javadekar** said that **Hon'ble Prime Minister, Shri Narendra Modi**, envisages the '**Digital India**' initiative to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach. **Sh. Javadekar** said that the PM also believes that, to ensure development youth should be involved in large numbers as they are capable of offering new, innovative solutions for some of the daunting problems faced by our nation e.g. water management, sanitation, affordable healthcare, sustainable environment, etc.

  
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**Shri. Javadekar** informed the audience that 29 ministries had given 598 challenging problems. **Till 17th January 2017**, 601 ideas addressing 253 problem statements were received by **MHRD**. However, there are 345 problem statements still need to be addressed for which he encouraged the students to come forward and submit ideas.

**Sh. Javadekar** said that **SIH - 2017** will be a 36 hrs non-stop digital programming competition during which student teams will compete simultaneously at 25 different centers across India to offer innovative digital solutions for any given problem. Smart India Hackathon 2017 will be the biggest Hackathon initiative in the world, as it will reach out to 30+ lakhs technology students across all technology institutions in India recognised by AICTE. Through this initiative, student community will think out - of - the - box and offer innovative, disruptive yet sustainable ideas to build smart applications which will help in national development.


Seeing the enthusiasm of the students, **Sh. Javadekar** declared that the **last date of submission of ideas has been extended to 31st January 2017**. He said that he expected students from all the AICTE approved colleges to participate in **SIH - 2017**.

**Dr. Anil Sahasrabudhe** thanked all for showing interest in the participation of **Smart India Hackathon 2017**. He motivated the students to contribute for the Digital India transformation. He said that 1.25 billion nation is waiting to see the solutions to their problems. Their hope is 3 million bright, motivated technical students of India on whom the responsibility lies.

**Dr. Abhay Jere** opined that It could be a life changing opportunity for students to solve the problems of common man, government and the nation to make India 'smart'. This opportunity he said will give the students all the skills required to become employable, to be an entrepreneur, manager, leader and more importantly a satisfied human being. **Dr. Jere** encouraged them to take their step forward towards the Smart India and win exciting prizes, which can change their life through out.

**Member Secretary - AICTE** and **Dr. Anil Sahasrabudhe** felicitated **Sh. Javdekar** with a memento.

**Dr. Manpreet Manna, Director, AICTE** rendered Vote of Thanks.

  
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Link of the Event:

[https://gnindia.dronacharya.info/events/SmartIndia\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&Year=2017)

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Name of the event: Workshop on Open Modelica - Simulation & Modelling

IIT Bombay

Date of the event: 4th - 5th January, 2017

No. of Participant:1

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.

**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.

  
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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**), SIunits (**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 Mougyala** 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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**DRONACHARYA**  
Group of Institutions  
Approved by : All India Council for Technical Education  
Affiliated to : Uttar Pradesh Technical University, Lucknow



Link of the Event:

[https://gnindia.dronacharya.info/events/OpenModelica\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/OpenModelica_2017.aspx?Month=Jan&Year=2017)

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Name of the event: IIRS User Interaction Meet - 2017

Date of the event: 23rd February 2017

No. of Participant:1

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**.

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.

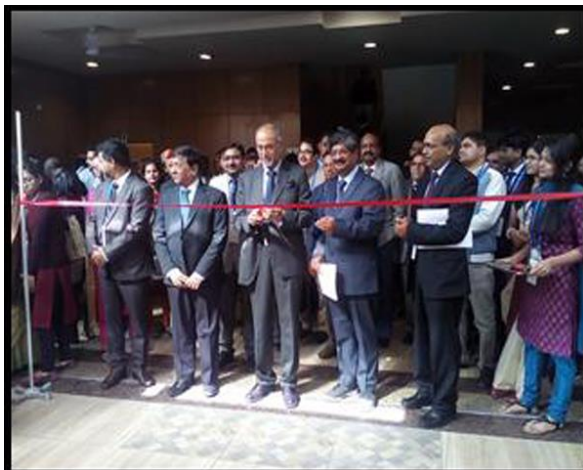
The purpose of **IUIM - 2017** was to provide stake holders a platform to communicate and share their experiences in capacity building and recent advances in geospatial technologies. This forum was also used to receive feedback on Training & Education Programmes conducted by IIRS, including Outreach 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](https://gnindia.dronacharya.info/events/Interaction_Meet_2017.aspx?Month=Feb&Year=2017)

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Name of the event: India for Innovation Series: ED - TECH Innovation for Impact Organized by YES BANK

Date of the event: 23rd February, 2017

No. of Participant:1

Summary of the event: 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)**

  
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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 Conducted By National Institute of Technical Teachers Training and Research, Chandigarh

Date of the event: 20th to 24th February, 2017

No. of Participant:1

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.

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)**.

  
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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.

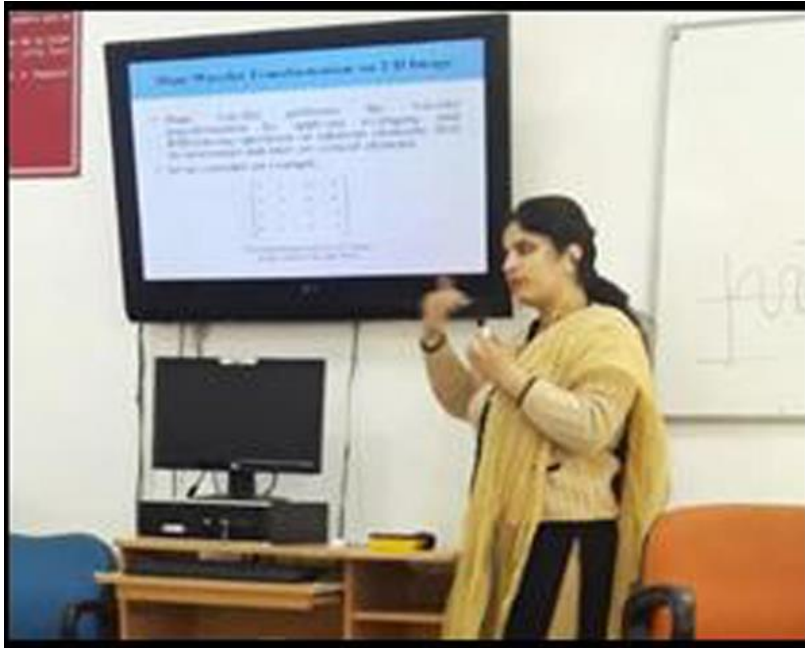
In the second session **Dr. Mehra** gave a brief idea about Adaptive DSP.

The presentation was followed by a Valedictory Session. Participants gave their feedback on the course. The STC ended with distribution of Participation Certificates.

  
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Link of the Event:

<https://gnindia.dronacharya.info/events/AdvanceDSP.aspx?Month=Feb&Year=2017>

Name of the event: QEEE Session on Highway Geometric Design - Transportation Engineering

Date of the event: 20th, 21st & 23rd February, 2017

No. of Participant:1

Summary of the event: QEEE session on **Highway Geometric Design - Transportation Engineering** was conducted by **Prof. Avijit Maji, IIT Bombay** on 20th, 21st and 23rd February 2017. The session at **Dronacharya Group of Institutions, Greater Noida** was supervised by Local Faculty Coordinator **Ms. Krishna Goala, Assistant Professor Civil Engineering**.

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### **SESSION 1: 20.02.2017**

**Prof. Avijit Maji** started his lecture with detailed description of road system developed from ancient to modern India in which he covered the following:

1. Highway development in India
2. Functional classification of roads
3. Highway project
4. Sight distance

He also discussed the geometric design and the factors affecting geometric design i.e. Design Speed, Topography, Design Vehicle Characteristics, Human Factors, Traffic, Environment, Economy and others. He also included sight distance in this session followed by various types of sight distances.

### **SESSION 2: 21.02.2017**

**Prof. Avijit Maji** started his lecture with design elements of highway, i.e.:

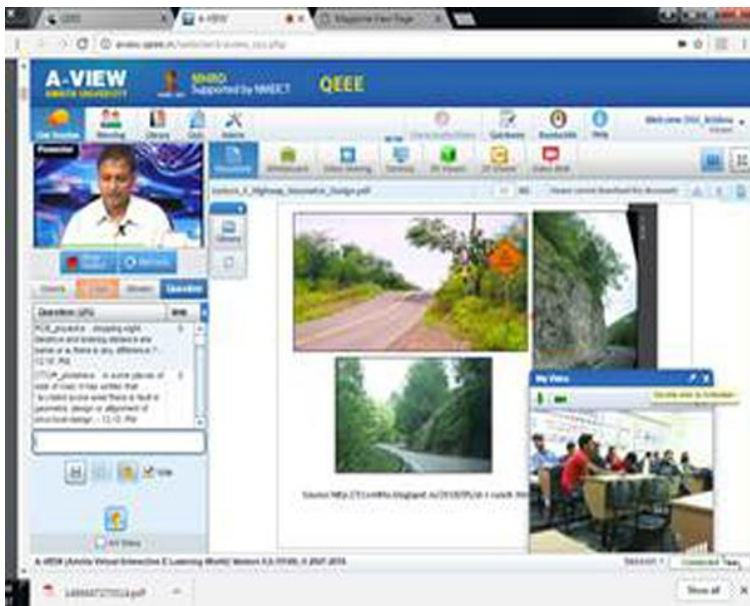
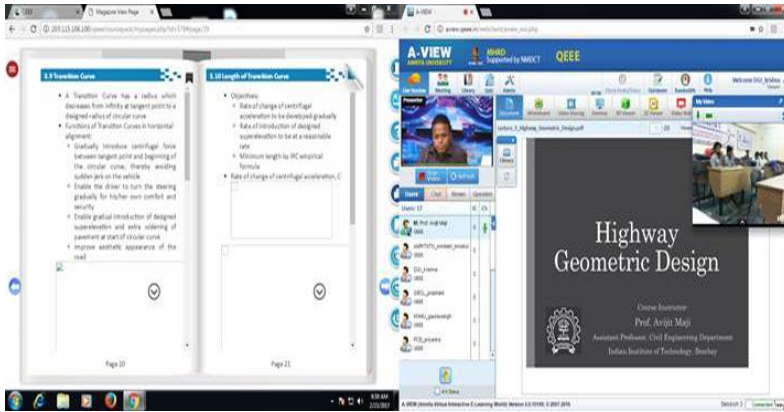
1. Design speed
2. Horizontal radius of curve
3. Horizontal transition curve
4. Superelevation
5. Extra widening of pavement on curves
6. Set back distance
7. Vertical curve


In this session he briefly described all design elements related to geometric design and made students understand how to do designs roads with these factors in mind.

### **SESSION 3: 23.02.2017**

Third session started with Vertical Profile of road which included types of vertical curve, uses of vertical curve, conditions for providing vertical curve, design of vertical curve. **Prof. Maji** discussed vertical alignment of road.

In order to test the understanding of the session two quizzes and one proctored quiz followed by an assignment was given to the students, which they are supposed to submit through their QEEE account on or before **13th March 2017**.



  
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Link of the Event:

<https://gnindia.dronacharya.info/events/HighwayGeometric.aspx?Month=Feb&Year=2017>

Name of the event: QEEE Session On "Operator Overloading - Object Oriented Programming"

Date of the event: February 8, 2017 to February 10, 2017

No. of Participant:1

Summary of the event: QEEE Session on "**Operator overloading - Object Oriented Programming**" was organized by **IIT Madras** at **Dronacharya Group of Institutions, Greater Noida** during **8th - 10th February 2017**. The session was conducted by **Prof. (Dr.) Rupesh Narse, IIT Madras**. Students from CSE /CSIT / IT IV sem participated in the session along with the local faculty coordinators **Dr. Somnath Sinha** and **Ms. Shilpi Jain**.

**Day 1: 08 February, 2017**

**Prof. (Dr.) Rupesh Narse** started the session with a discussion on '**Class**' and '**Object**'. He explained concept of **overloading**, **polymorphism** and gave brief description about '**Operator Overloading**' and '**Function Overloading**'. He demonstrated several examples of operator overloading with the example of '+' operator overloading.

*Dr. Ashok Jambhulkar*  
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**Dr. Narse** continued the session with the explanation of “**Rules of operator overloading**” in which he stated some important points such as operator must be overloaded for a user - defined class, we cannot define a new symbol as operator etc. He also focused on non - over loadable operators like member operator, sizeof() operator, typedef() operator, ternary operator etc. Demonstration of unary operator overloading was also explained with example.

During the interactive session students asked few questions such as difference between operator overloading and over ridding, benefits of using operator overloading. The session ended with the satisfactory explanation of the queries by **Dr. Narse**.


### **Day 2: 09 February 2017**

**Prof. (Dr.) Narse** started his lecture with brief recap of the topic covered on Day 1. He then started the session with the concept of Operator Overloading with friend function. He also explained how friend function is used in overloading operators with some programming code. Properties of malloc() and calloc() functions with example were also explained. He continued his session on overloading of **LEFT SHIFT AND RIGHT SHIFT operators**. He also discussed about different types of methods for implementing operator overloading.

### **Day 3: 10th February 2017**

The last day’s session started with the discussion on left shift and right shift operator overloading precedence. **Dr Narse** talked about importance of overloading and overriding. He discussed about Null pointer, garbage class, garbage collection, shallow and deep copy methods, smart pointer etc. The session came to an end at 3:50 PM with fruitful discussion on overloading.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/OperatorOverloading\\_2017.aspx?Month=Feb&Year=2017](https://gnindia.dronacharya.info/events/OperatorOverloading_2017.aspx?Month=Feb&Year=2017)

Name of the event: Dronacharya Group of Institutions, Greater Noida Report On Invest Japan Symposium New Delhi

Date of the event: 7th February, 2017

No. of Participant:1

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.

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**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.

**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](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, Attitude and Managerial Skills in Teachers Conducted By National Institute of Technical Teachers Training and Research Chandigarh

Date of the event: 6th to 10th February, 2017

No. of Participant:1

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.

**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, NITTTR 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.

  
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## 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.

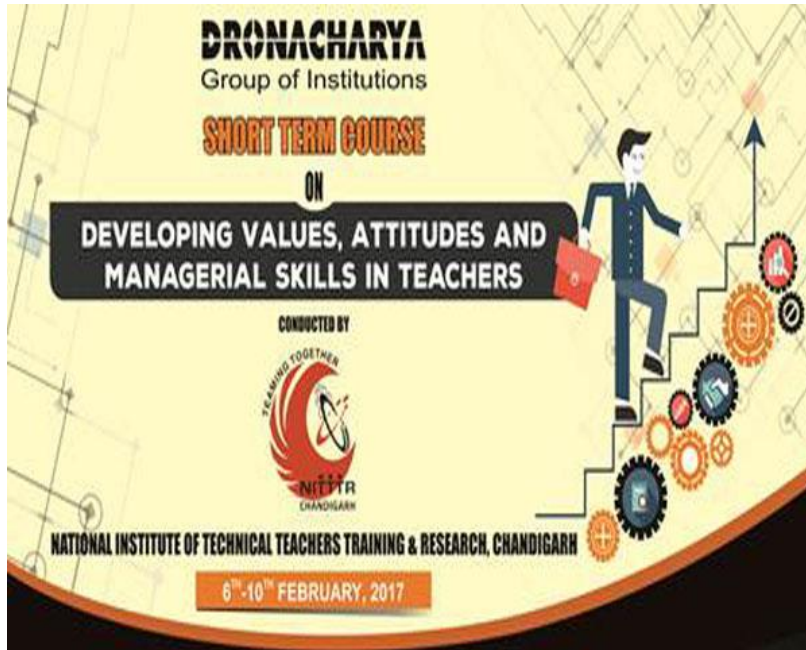
#### **Day 5: 10th February 2017**

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](https://gnindia.dronacharya.info/events/Developing_Values_2017.aspx?Month=Feb&Year=2017)

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Name of the event: Orientation Workshop for Remote Centre Coordinators IIT Bombay

Date of the event: 30th March 2017


No. of Participant:1

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
- 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**,

  
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- **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.

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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 pursue 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.


  
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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 engages 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 Kannan.



  
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Link of the Event: <https://gnindia.dronacharya.info/events/events-Mar-2017.aspx?Month=Mar&Year=2017>

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Name of the event: Short Term Course on Embedded World Conducted By National Institute of Technical Teachers Training and Research, Chandigarh

Date of the event: 20th to 24th March, 2017

No. of Participant:1

Summary of the event: 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.

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.

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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**

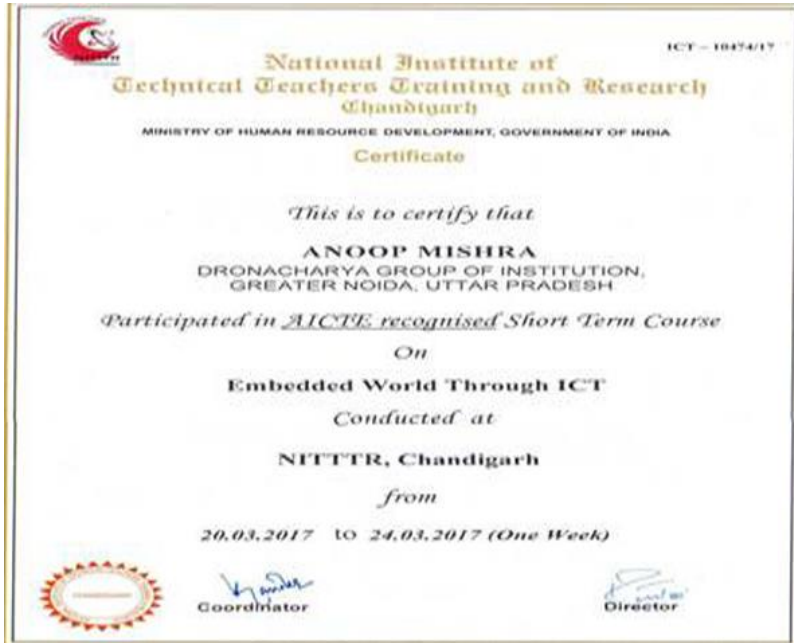
First session was conducted by **Mr. Suprit Singh (Associate Professor, BBSBEC Punjab)** in which he discussed ARM processors and its application in embedded system. He also explained Arduino and its interfacing with Android application.

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](https://gnindia.dronacharya.info/events/Embedded_World_2017.aspx?Month=Mar&Year=2017)

Name of the event: QEEE Session on Design of Reinforced Concrete Structures

Date of the event: 7th, 8th and 9th March, 2017


No. of Participant:1

Summary of the event: **QEEE session on Design of Reinforced Concrete Structures** was organized by **IIT, Madras** under **D2S (Direct to Student) Program** at **Dronacharya Group of Institutions, Greater Noida** through **ICT** on **7th, 8th and 9th March 2017**. The session was conducted by **Prof. Amit Shaw, IIT Kharagpur**. It was locally coordinated by Local Faculty Coordinator **Ms. Deepthi Singh, Assistant Professor - Civil Engineering**.

### **SESSION 1: 7th March 2017**

**Prof. Amit Shaw** started his lecture with a brief explanation of what is the importance of designing in civil engineering and also discussed the grounds on which a civil engineer has to work and design under different conditions of load systems and different soil and landscape conditions. The key points of the session were:

1. Steps in Structural Engineering
2. Effects on concrete under different load systems
3. Objective of design of R.C buildings
4. Different design philosophies

  
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The emphasis was laid on the limit state design philosophy of the structure. Prof. Shaw discussed various factors important for limit state design method such as **properties of concrete, characteristic load, characteristic strength, limit states - both of collapse as well as serviceability, partial safety factors and also design strength of concrete and steel**. All were explained with the help of the different graphs taken from the IS code IS 456:2000. Other topics such as different components of R.C. buildings and beam idealization were also described with suitable examples. The session ended by the explanation of sign conventions taken for force and moments that acts on the beam useful for designing.

### **SESSION 2: 8th March 2017**

**Prof. Amit Shaw** started his lecture with design of flexure or bending, followed by topics:

1. Effect on beam under flexure
2. Assumptions of limit state under flexure
3. Limit state brittle and ductile failure
4. Types of sections: balanced, over reinforced and under-reinforced section
5. Conditions of balanced sections with examples and formulas related to section
6. Over - Reinforced with examples and formulas of moment of resistance etc.
7. Under - Reinforced sections with examples and formulas related to it used for relevant designing

In this session he gave a brief description of all design elements related to design and made students understand how to analysis design factors for different sections. He also laid emphasis on how different factors behave differently for different sections in designing.

### **SESSION 3: 9th March 2017**

**Prof. Shaw** started the third session with description of design for shear i. e. design under shear conditions. The emphasis was laid on the behavior of the beam under shear, the types of cracking that are basically witnessed under such conditions of shear. Diagonal cracking and dowel action was very effectively explained to the students with different examples. Topics such as **design strength under shear condition, factors and conditions of limit state in shear, typical reinforcement of shear, concept of stirrups and maximum shear strength conditions** were also explained.

An one hour of tutorial included numerical designing questions that were step by step solved live, keeping all the factors of bending, shear etc. in mind. All types of questions that can be useful for designing different sections were done and explained.


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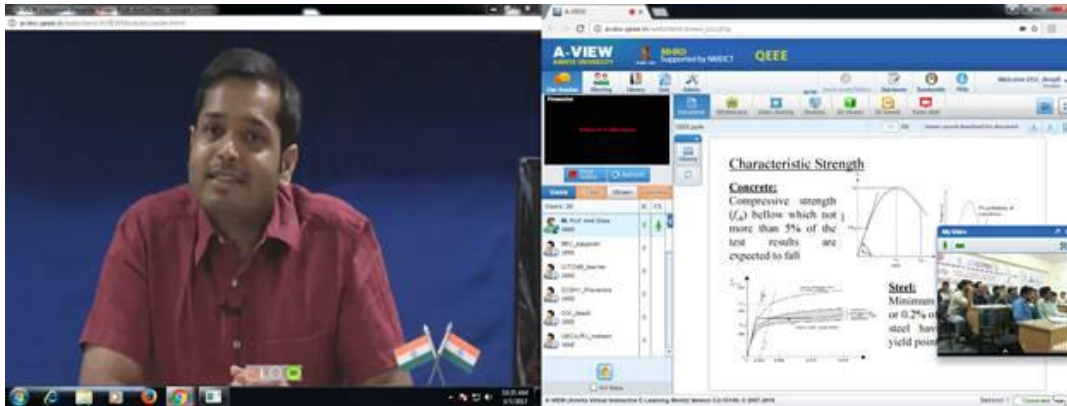


Keeping in mind the benefits of students' one assignment and one proctored quiz was given to the students, which has to be submitted by the students through their QEEE account on or before **27th March 2017**.

The session covered most important elements of designing. It included the design procedures for limit state design procedure for designing of beam under different conditions for different sections - balanced, over-reinforced or under - reinforced sections. Along with the design procedures, the functional requirements of the elements are mentioned in respective sections of this session. This helped in understanding of conceptual as well as practical implication of the design elements of beam.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/Design\\_Reinforced\\_2017.aspx?Month=Mar&Year=2017](https://gnindia.dronacharya.info/events/Design_Reinforced_2017.aspx?Month=Mar&Year=2017)

  
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Name of the event: Annual Day Celebrations at "Vishwas"

The Richmond Fellowship Society Delhi Branch

Date of the event: 5th March, 2017

No. of Participant:3

Summary of the event: On the occasion of **Annual Day of Vishwas**, volunteers of **DGI Smile Club and NSS Wing Dronacharya Group of Institutions, Greater Noida** visited **Vishwas Rehabilitation Centre, Greater Noida** on **05 March 2017** with the **Prof. S.K. Bagga, Director, Dr. Abhishek Swami, Coordinator of DGI NSS Wing and Ms. Kiran Singh, Coordinator of Smile Club.**


The event was graced with the esteemed presence of the Chief Guest **Dr. Anurag Bhargav, Chief Medical officer (CMO) Gautam Buddha Nagar.**

The event started with the lighting of lamp and **Sarswati Vandna** by the members of Vishwas. It was followed by a brief introduction about the Annual Day Program by **Dr. Alok Sarin, President, Richmond Fellowship Society, Delhi Branch.** **Dr. Sarin** presented a welcome address and explained the objective behind the setting up of Vishwas, a rehabilitation center for people suffering from Schizophrenia. **Dr. S. K. Khandelwal, Member, Richmond Fellowship Society, Delhi Branch** described the journey of **Vishwas since Year 1986.**

**Dr. K.M. Khurana, Founder Member, Richmond Fellowship Society, Delhi Branch** said that mental health includes our emotional, psychological, and social well - being. It affects how we think, feel, and act. It also helps determine how we handle stress, relate to others, and make choices.

**Dr. Anurag** discussed the importance of mental health in individual's life. He said that mental illnesses affect 19% of the adult population, 46% of teenagers and 13% of children each year. According to **Dr. Anurag**, mental health is important at every stage of life, from childhood to adolescence through adulthood.

The program was marked with the mesmerizing performances of the members of Vishwas family. They presented a play entitled "**Happiness and Family**". The Members of Vishwas family also exhibited their talent by presenting poetry, poem, songs and jokes. They captured the attention of everyone with their amazing performances.

  
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Inmates of the **Vishwas Rehabilitation Centre** also played **Holi** with flower petals. This made the occasion more colourful and filled the ambience with joy and celebration.

The program came to an end with certificate distribution to the member of Vishwas by **Prof. S.K. Bagga, Director, Dronacharya Group of Institutions, Greater Noida. Mr. Apritam Singh, Volunteer of Smile Club, DGI Greater Noida** extended his respect to Vishwas for their effort for treating people who are suffering from various mental disorders.

The program was followed by group photo and discussion of Smile Club Volunteers with **Ms. Mridula Seth, Secretary, Richmond Fellowship Society, Delhi Branch** for future activity of Smile Club with Vishwas Family.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/Vishwas\\_2017.aspx?Month=Mar&Year=2017](https://gnindia.dronacharya.info/events/Vishwas_2017.aspx?Month=Mar&Year=2017)


Name of the event: One Day Workshop on DELNET Discovery Services, Open source Software & Communication Skill for LIS Professionals

Date of the event: 4th March, 2017

No. of Participant:1

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.

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**.

  
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**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.

**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**.

  
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Link of the Event:

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Name of the event: International Conference On Skills in Management and Applied Sciences

Date of the event: 24th & 25th April 2017

No. of Participant:1


Summary of the event: 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 Pradesh 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**.

  
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The Principal elaborated upon the purpose of the conference which was to bring to fruition the mission of **Prime Minister Narendra Modi Ji** 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](https://gnindia.dronacharya.info/events/Skills_Management_2017.aspx?Month=Apr&Year=2017)

Name of the event: 9th EDUConvEx On Leveraging English Language to Enhance Subject Learning Air Force Auditorium, Subrato Park, New Delhi

Date of the event: 15th April, 2017

No. of Participant:1

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.

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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 academician 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.

**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](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  
India International Centre New Delhi

Date of the event: 12 April 2017

No. of Participant:2

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.

### 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.

  
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## 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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**DRONACHARYA**  
Group of Institutions  
Approved by : All India Council for Technical Education  
Affiliated to : Uttar Pradesh Technical University, Lucknow



Link of the Event:

<https://gnindia.dronacharya.info/events/seminar-agi.aspx?Month=Apr&Year=2017>

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Name of the event: One Week ISTE STTP For Coordinators On Electric Power System IIT Kharagpur

Date of the event: 1st May 2017 to 5th May 2017

No. of Participant:1


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 - 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, Udampur, 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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Day 4: 4th May 2017

The morning session started with the discussion of **Protection of Transmission Lines** by **Prof. Gautam Bandyopadhyay**. He discussed different types of relays and recent developments in relays. He conducted a session on Smart Grid and also introduced the concept of **Virtual Power Plants** and concluded the session with the discussion of processed tools for smartening the grid.

Post Lunch **Mr. Narayanan** discussed the change in the asset management for the smart grid. He proposed the need of processing of more real time data, which can be achieved with the help of cloud monitoring. The session ended with the detailed presentation by **Prof. Gautam Bandyopadhyay** on protection using adaptive relays.


Day 5: 5th May 2017

Participants were briefed about the **Main Workshop** to be held from **10th July to 15th July, 2017**. The roles and responsibilities of the Workshop Coordinator were explained in detail.

The evening session was Valedictory Ceremony. Certificates were awarded to all 197 workshop coordinators.

The workshop was very beneficial to all the participants and they gained additional knowledge of this subject and also succeeded in enhancing their quality of teaching skills. The learning will not only help the coordinators in conducting the Main Workshop, but it will also help them in conducting their classes in a more informative way.



  
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Link of the Event:


[https://gnindia.dronacharya.info/events/conference\\_electric\\_power\\_system.aspx?Month=May&Year=2017](https://gnindia.dronacharya.info/events/conference_electric_power_system.aspx?Month=May&Year=2017)

Name of the event: Workshop on Emerging Technologies in Electronics and Communication

Date of the event: 22nd May 2017

No. of Participant:1

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.

  
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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 - IIT 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 IIT-D on **Advances in Wireless Communications**. He discussed with the history of **Wireless Communication** and the development in past decade.

**Dr. Alexander Fell**, Assistant Professor IIT-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 IIT-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 IIT - 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 IIT - 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 IIT - 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.

  
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Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_Emerging\\_Technologies\\_2017.aspx?Month=May&Year=2017](https://gnindia.dronacharya.info/events/Workshop_Emerging_Technologies_2017.aspx?Month=May&Year=2017)

*[Signature]*  
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Name of the event: One Day Workshop On Prime Minister's Special Scholarship Scheme (PMSSS) AICTE, NEW DELHI

Date of the event: 18th May 2017

No. of Participant:1

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.

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.

  
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**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.



अखिल भारतीय तकनीकी शिक्षा परिषद्  
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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
In Statutory Body of Govt. of India  
Ministry of Human Resource Development, Dept. of Skills  
Human Resource Development, New Delhi-110002


#### Certificate of Attendance

It is certified that Sh. GAURAV SIWAL of institute DRONACHARYA GROUP OF INSTITUTION has attended the workshop on Prime Minister's Special Scholarship Scheme held on 18<sup>th</sup> May, 2017 (Thursday) at All India Council for Technical Education, New Delhi.

Dated-18.05.2017  
New Delhi

  
(R.K. Ganju)  
Asst. Director(PMSSS)



  
Director  
Dronacharya Group of Institutions  
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Link of the Event: <https://gnindia.dronacharya.info/events/PMSSS.aspx?Month=May&Year=2017>

Name of the event: Faculty Training Program On Android Skilling

Date of the event: May 8th – May 12th, 2017

No. of Participant:1

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. **Ms. Sheetal Saigal**-Assistant Professor, Department of Computer Science and Engineering from **Dronacharya Group of Institutions, Greater Noida** attended the training programme.

  
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### **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.

### **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.

  
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#### **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. 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.


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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 the Event:

[https://gnindia.dronacharya.info/events/FDP\\_Android\\_Skilling\\_2017.aspx?Month=May&Year=2017](https://gnindia.dronacharya.info/events/FDP_Android_Skilling_2017.aspx?Month=May&Year=2017)

Name of the event: 6th AITMC Annual Global Summit 2017 AICTE Headquarters, New Delhi

Date of the event: 14th June 2017

No. of Participant:1


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.

  
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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.


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.

The Summit witnessed active participation from over 350 academic institutions and prominent speakers (industry, government, sector skill councils, training partners, and NGOs). The needs for considering various aspects of the skilling ecosystem were discussed clearly during the summit.

The banner for the 6th AITMC Annual Global Summit 2017 features a central graphic of a lightbulb composed of puzzle pieces. The pieces are labeled 'CREATIVE', 'LEARN', 'IDEA', and 'EDUCATION'. Above the lightbulb are logos for AICTE, National Career Service, Government of India Ministry of Labour and Employment, Telecom Sector Skill Council, and AITMC. The text on the banner reads: '6<sup>th</sup> AITMC ANNUAL GLOBAL SUMMIT 2017 Opportunities & Challenges In Employability and Skill Development Wednesday 14<sup>th</sup> June 2017, 9AM Onwards Venue: AICTE, AICTE Headquarters, Vasant Kunj, New Delhi'.

  
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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_Global_Summit_2017.aspx?Month=Jun&Year=2017)

Name of the event: Workshop on Human Values and Professional Ethics Organized by Dr. APJ Abdul Kalam Technical University, Lucknow


Date of the event: 13th – 20th June 2017

No. of Participant:1

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.

  
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**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.

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

  
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**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.



*[Signature]*  
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Link of the Event:

[https://gnindia.dronacharya.info/events/RefresherWorkshop\\_2017.aspx?Month=Jun&Year=2017](https://gnindia.dronacharya.info/events/RefresherWorkshop_2017.aspx?Month=Jun&Year=2017)

Name of the event: Meet the IIT Faculty (MTF)

Date of the event: 12th – 23rd June 2017

No. of Participant:20

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
	Surveying - Compass surveying and plane table surveying	Prof. Raaj Ramsankaran-IITB	Ms. Krishna Goala
<b>12th June 2017</b>	Control System - Stability Analysis (STUDIO)	Prof Tushar Jain-IIT Mandi	Mr. Raj Ranjan Prasad Mohd. Alamgir Khan
	Design of steel structures - Beams	Prof. Satish Kumar-IITM	Ms. Krishna Goala

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### QEEE MTF Schedule

Date	Title	Faculty IIT	Local Faculty
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
	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
	Water Treatment-Water Supply Engineering	Prof. Ligi Philip-IIT Madras	Ms. Krishna Goala
16th June 2017	Fluid mechanics, Fluid mechanics and machinery - Basic flow of fluid flow, Introduction to Fluid Mechanics	Prof. Suman Chakraborty-IIT Kgp	Mr. Harshit Kumar

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### QEEE MTF Schedule


Date	Title	Faculty IIT	Local Faculty
	Database Management Systems - Introduction to DBMS	Prof. Pabitra-IIT Kgp	Ms. Sheetal Siagal
	Engineering		Mr. Harshit Kumar
	Thermodynamics - Basic Concepts & First Law of Thermodynamics	Prof. PMV Subbarao-IITD	Mr. Vibhooti Narayan Mishra
<b>19th June 2017</b>	Digital VLSI - MOS Transistor Principle	Prof. Deleep R Nair-IITM	Mr. Raj Ranjan Prasad Mohd. Alamgir Khan
	Railways and Airports Engineering - Railway Planning and Construction	Prof. Nagendra-IITB	Ms. Krishna Goala Mr. Harshit Kumar
<b>23rd June 2017</b>	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](https://gnindia.dronacharya.info/events/MTF_2017.aspx?Month=Jun&Year=2017)

Name of the event: Faculty Development Program on Human Values and Professional Ethics

Date of the event: 30th June to 7th July 2016

No. of Participant:3

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**.

  
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**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**".

**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.

  
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**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](https://gnindia.dronacharya.info/events/Event_June_2016.aspx?Month=Jun&Year=2016)


Name of the event: IOT Project Presentation & Award Ceremony

Date of the event: 26<sup>th</sup> August 2016

No. of Participant: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 26<sup>th</sup> August 2016 at DGI Greater Noida. Dr. R. Radhakrishnan, President (COIN) was the chief guest of the program. Student presented their projects "IOT Based Healthcare System for the Elderly".

Students were awarded with certificates and scholarship of Rs 5000 each by Dr. R. Radhakrishnan, President (COIN), Prof. S. K. Bagga, Director (DGI), Dr. B. M. K. Prasad, and Prof. T.P.N. Singh, Advisor R&D.

  
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Link of the Event: <https://sway.office.com/cmE4v28pFY7jH7fS>

Name of the event: QEEE Session on Laws of Thermodynamics


Date of the event: 29th -31<sup>st</sup> August 2016

No. of Participant:1

Summary of the event: QEEE Session on “Laws of Thermodynamics” by Prof. S. R. Kale, IITD was organized at Dronacharya Group of Institutions, Gr. Noida from 29th to 31 August 2016. The session was attended by the students from B.Tech (ME) 2nd year and coordinated by Mr. Rahul Verma, Assistance Professor of Mechanical Engineering Department at DGI, Greater Noida.

The primary objective of the programme was to enhance the quality of engineering students by conducting live classes with the help of IITs.



  
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Link of the Event: <https://sway.office.com/cmE4v28pFY7jH7fS>

Name of the event: Renewable Energy India Expo 2016

Date of the event: 7th -9th September 2016

No. of Participant:1

Summary of the event: Renewable Energy India (REI) Expo was organised during 7th - 9th September 2016 at India Expo Center, Greater Noida. Mr. Gaurav Siwal, Assistant Professor along with 20 Students from Mechanical Engineering Department visited the event on 9th September 2016. The objective of the expo is 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; Hon'ble Mr. James Gordon Carr, Minister of Natural Resources, Government of Canada.

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Link of the Event: <https://sway.office.com/MzcOsUfjjCU8HBqd>

Name of the event: Smart India Hackathon 2017

Date of the event: 9th November'2016

No. of Participant:1

Summary of the event: Union HRD Minister Prakash Javadekar on 9th November'2016 inaugurated the world's largest digital national building initiative "Smart India Hackathon 2017" by handing over a torch to technology students. Through Smart India Hackathon 2017, HRD ministry is keen on reaching out to all technology institutions in India and challenge students to offer innovative solutions to some of the daunting problems faced by the nation. Two representatives from Dronacharya Group of Institutions Dr. Somnath Sinha, Assistant Professor, CSE department and Prof. Vinod Kumar, ECE department attended the event.



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Link of the Event: <https://sway.office.com/B6WVInNiZldukdPu>


Name of the event: India International Science Festival (IISF)

Date of the event: 7th - 11th Dec 2016

No. of Participant:1

Summary of the event: India International Science Festival (IISF-2016) held at CSIR-National Physical Laboratory (NPL) Campus, New Delhi from 7 to 11, December 2016. The main objectives of the event were 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.

Ms. Rajani Dwivedi , Assistant Professor in the Department of Applied Sciences and Humanities, Dronacharya Group of Institutions, Greater Noida have participated in Industry Academia Interaction which is one of the major events during this festival.

  
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Link of the Event: <https://sway.office.com/WOYUNGRXcULik5lz?ref=Link>

Name of the event: Innovation Festival- 2017 Held at National Sciences Centre, New Delhi

Date of the event: 20th -23rd January 2017

No. of Participant:1

Summary of the event: Innovation Festival 2017 was held at National Sciences Centre, Pragati Maidan from 20th -23rd January 2017. Prof. TPN Singh, Advisor (R&D) and Mr. Ankush Yadav, Asst. Prof. ME along with 4 teams from Dronacharya Group of Institutions, Greater Noida visited the centre 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. Mr. Kotnala delivered the key-note address and expressed happiness over the innovative projects displayed by the students.

  
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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:

- Human Power Electricity Generator

(ME: Students Akash Sharma, Gaurav Chauhan, Sunil & Mohit Kumar)

- Advanced Agro Robot

(ME: Ashu Talwar, Ashwani Rathore, Ajay Kumar & Ashutosh)


- Smart Parking System

(ME: Akashdeep Chaudhary, Ankur, Deepak, Ashutosh Tripathi and Dron Sharma)

- Hand Talk

(ECE: Sachin Verma, Rishabh Kesarvani and Mainak Pakira)



  
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Link of the Event: <https://sway.office.com/GvSjRbQB3DdYvzw3?ref=Link>

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**2017-18**

Name of the event: NPTEL SPOC Workshop cum Felicitation, IIT Madras

Date of the event: July 15, 2017

No. of Participant:1

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.



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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.

**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.



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**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.

The event video can be viewed @ <https://www.youtube.com/watch?v=-lhZTegN9uY&feature=youtu.be>



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Link of the Event:

[https://gnindia.dronacharya.info/events/NPTEL\\_SPOC\\_2017.aspx?Month=Jul&Year=2017](https://gnindia.dronacharya.info/events/NPTEL_SPOC_2017.aspx?Month=Jul&Year=2017)

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Name of the event: Expert Talk on "E-Mobility" IIT Delhi

Date of the event: 8th July, 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**
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**



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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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Link of the Event: <https://gnindia.dronacharya.info/events/Event-Jul-2017.aspx?Month=Jul&Year=2017>

Name of the event: "Universal Human Values & Professional Ethics" Organised By Dr. APJ ABDUL KALAM UNIVERSITY, LUCKNOW

Date of the event: 4th July - 11th July 2017

No. of Participant:1

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.



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### 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.

### 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)



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#### **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)**
- 4. Human Order (Knowing, Assuming, Recognizing Fulfilling)**

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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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Link of the Event:

[https://gnindia.dronacharya.info/events/Universal\\_Human\\_2017.aspx?Month=Jul&Year=2017](https://gnindia.dronacharya.info/events/Universal_Human_2017.aspx?Month=Jul&Year=2017)

Name of the event: IIRS Outreach Programme on "Remote Sensing and Digital Image Analysis"

Date of the event: 21st August – 15th September, 2017

No. of Participant:1

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.



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## 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, Plank’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

## 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.



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### 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.



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### 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.



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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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Name of the event: QEEE D2S Session on "Matrix Stiffness Method"

Date of the event: 21st, 22nd and 23rd August, 2017

No. of Participant:1

Summary of the event: **QEEE session on Matrix Stiffness Method - Structural Analysis** was conducted by **Prof. Sushanta Chakraborty, IIT Kharagpur** under D2S Program on **21st, 22nd and 23rd August, 2017**. It was locally coordinated at **Dronacharya Group of Institutions, Greater Noida** by Local Faculty Coordinator **Mr. Navdeep Agrawal, Assistant Professor-Civil Engineering**.

#### **SESSION 1: 21st August 2017**

**Prof. Sushanta Chakraborty** started his lecture with a brief explanation of what is the importance of Structural Analysis in civil engineering and also discussed the grounds on which a civil engineer has to work and analyses under different conditions by using **Matrix Stiffness Method**. He covered the following topics during the session:

- 1. Static and Kinematic Indeterminacy**
- 2. Force (Flexibility) and Displacement (Stiffness) Methods**
- 3. Fundamental differences between the flexibility and stiffness approach.**
- 4. Analysis of plane trusses using stiffness approach**

#### **SESSION 2: 22nd August 2017**

**Prof. Sushanta Chakraborty** started his lecture with the kinematic and static indeterminacy of plane frames and gradually progressed to direct stiffness approach for plane frames. The direct stiffness method for continuous beams and plane frames were discussed. He also discussed about the kinetic indeterminacy in continuous beams, Slope-deflection relationship of beams and intermediate loading.



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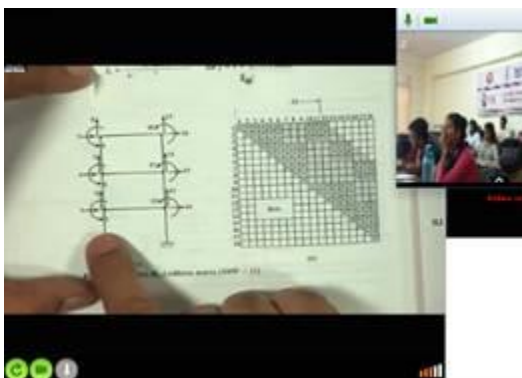
Later he discussed kinetic indeterminacy of plane frames. **Prof. Chakraborty** explained **Element Stiffness Matrix** and how to transform it into Global Matrix. The procedure to convert plane frame to 3-D or space frames was also discussed.

### **SESSION 3: 23rd August 2017**

**Prof. Sushanta Chakraborty** started the third session with the introduction to Finite Element Method. He also explained simple example of a Cube and represented various stress and strain acting on cube element in the matrix form. The process of FEM was started with domain discretization (dividing structure into elements), connected at nodes followed by approximately 'expressing' the field variables e.g. displacement, in terms of nodal displacements and the shape functions.

The session covered important methods of Flexibility and stiffness. This helped in understanding of conceptual as well as practical implication of the Structural Analysis in Civil Engineering.

The proctored assignment and quiz is to be submitted by the students through their QEEE account on or before **11h September 2017**.



  
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### Finite Element Method

- Finite Element Method (FEM) is universally used to solve complicated engineering problems involving field variables, like displacement, stress distribution etc.
  - The problem is simplified by dividing the entire domain into small (yet finite) elements having simple geometrical forms as well as, simple relationship for the field variable within the element.
  - Thus, a continuous function which is otherwise difficult to obtain for expressing the field quantities at all points is approximated (domain discretization) using piecewise linear functions in each sub-domains, the unknowns being the discrete values of the field variables at selected nodes.
- (\*Reference: Liu and Quek, The Finite Element Method for the FEM part)



Link of the Event:

[https://gnindia.dronacharya.info/events/Matrix\\_Stiffness\\_2017.aspx?Month=Aug&Year=2017](https://gnindia.dronacharya.info/events/Matrix_Stiffness_2017.aspx?Month=Aug&Year=2017)

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Name of the event: AICTE-FDP-101x Foundation Program in ICT for Education Face to face Interaction

Date of the event: 19 & 20 August 2017

No. of Participant:15

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.



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**Prof. P. Sunthar**, Chemical Engineering Department, **IIT Bombay**, 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 .

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 attended 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.



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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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## Certificate

This is to certify that

Ms. Mansi Goel

From Centre ID 1316

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on  
**Foundation Program in ICT for Education Face to face Interaction**

conducted by Indian Institute of Technology Bombay  
from 19 & 20 August 2017

**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, Gol

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay



## Certificate

This is to certify that

Ms. Ritu Sharma

From Centre ID 1316

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on  
**Foundation Program in ICT for Education Face to face Interaction**

conducted by Indian Institute of Technology Bombay  
from 19 & 20 August 2017

**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, Gol

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay

**Director**  
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Link of the Event:

[https://gnindia.dronacharya.info/events/AICTEFDP\\_2017.aspx?Month=Aug&Year=2017](https://gnindia.dronacharya.info/events/AICTEFDP_2017.aspx?Month=Aug&Year=2017)

Name of the event:

Dronacharya Group of Institutions, Greater Noida AICTE Approved Faculty Development Program Pedagogy for Online and Blended Teaching-Learning Process (FDP201X) Face to Face Interaction

Date of the event: 16 & 17 September 2017

No. of Participant:16

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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 (PMMMNTT)**, **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.

**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.



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**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.



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**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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## Certificate

This is to certify that

**Mr. Harshit Bhardwaj**

From Centre ID 1316

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on  
"Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)"

conducted by Indian Institute of Technology Bombay  
from 16 & 17 September 2017

**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, GoI

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay



## Certificate

This is to certify that

**Mr. Nitish Sharma**

From Centre ID 1316

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on  
"Pedagogy for Online and Blended Teaching-Learning Process (FDP201X)"

conducted by Indian Institute of Technology Bombay  
from 16 & 17 September 2017

**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, GoI

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay

**Director**  
Dronacharya Group of Institutions  
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Link of the Event:

[https://gnindia.dronacharya.info/events/OnlineBlendedTeachingLearning\\_2017.aspx?Month=Sep&Year=2017](https://gnindia.dronacharya.info/events/OnlineBlendedTeachingLearning_2017.aspx?Month=Sep&Year=2017)

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Name of the event: "Scilab- Lecture Demonstration" IIT Bombay

Date of the event: 12th October, 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)**.

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



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**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.



Link of the Event:

<https://gnindia.dronacharya.info/events/ScilabLecture.aspx?Month=Oct&Year=2017>

  
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Name of the event: IITB: AICTE Approved FDP on Pedagogy for Online and Blended Teaching-Learning Process (FDP201X) Face to Face Interaction

Date of the event: 7th & 8th October, 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 (PMMMNTT)**, 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.

**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:



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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.



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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.

The last session was on group activity on OER creation in which **Mr. Jayakrishnan** 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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## Certificate

This is to certify that

**Dr. Somnath Sinha**

From Centre ID 1316

successfully completed an **AICTE approved** Faculty Development Programme (FDP201x) on

**Pedagogy for Online and Blended Teaching-Learning Process (FDP201X) Face to Face Interaction**

conducted by Indian Institute of Technology Bombay  
from 7th & 8th October, 2017

**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, GoI

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay

**Director**  
Dronacharya Group of Institutions  
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## Certificate

This is to certify that

**Mr. Rahul Saini**

From Centre ID 1316

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on  
**Pedagogy for Online and Blended Teaching-Learning Process (FDP201X) Face to Face Interaction**

conducted by Indian Institute of Technology Bombay  
from 7th & 8th October, 2017

**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, Govt of India

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay



## Certificate

This is to certify that

**Mr. Sahab Singh**

From Centre ID 1316

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on  
**Pedagogy for Online and Blended Teaching-Learning Process (FDP201X) Face to Face Interaction**

conducted by Indian Institute of Technology Bombay  
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**On Visual Presentation Skills & Utilising Moodle for Higher Order Learning Outcome.**

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMNMTT), MHRD, Govt of India

**Prof. Sridhar Iyer**  
Project and Course Coordinator  
IIT Bombay

**Director**  
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Link of the Event:

[https://gnindia.dronacharya.info/events/  
FDP201X-  
2017.aspx?Month=Oct&Year=2017](https://gnindia.dronacharya.info/events/FDP201X-2017.aspx?Month=Oct&Year=2017)

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Name of the event: Eight Day Faculty Development Program (Advanced Workshop, Level-2) under TEQIP III on Universal Human Values and Professional Ethics Organised by Dr. A P J Abdul Kalam Technical University, Lucknow

Date of the event: 30th November 2017 to 7th December 2017

No. of Participant:1

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.



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**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**



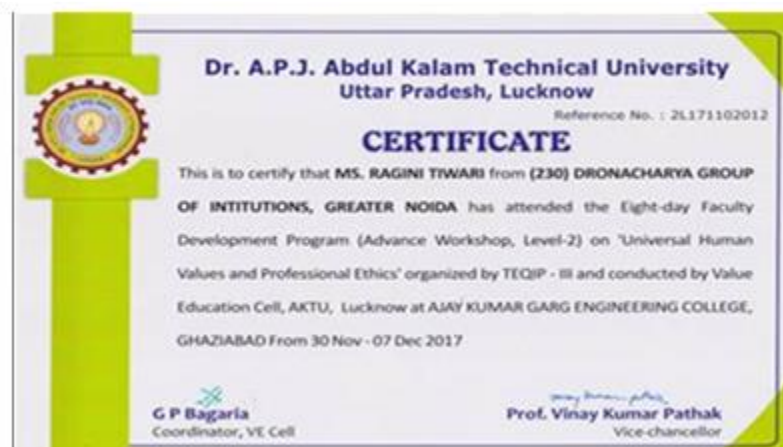
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**Day 8: 7th December 2017**

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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Link of the Event:

<https://gnindia.dronacharya.info/events/FDPUniversalHumanValues.aspx?Month=Nov&Year=2017>

Name of the event: Induction Training Programme, IIT Bombay ,Under the aegis of Pandit Madan Mohan Malaviya Nation Mission on Teachers and Teaching (PMMMNMTT)

Date of the event: 28th November 2017 to 20th December 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**

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**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.



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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**".



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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.



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**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.



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**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.



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**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**".

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**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.



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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](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(Conducted by Dr. A.P.J. Abdul Kalam Technical University, Lucknow)

Date of the event: 28 December 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



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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>

Name of the event: Research Scholar's Day - "Shodharth 2017" National Institute of Technology, Delhi

Date of the event: 9th December 2017

No. of Participant:1

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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.



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**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.

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>



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Name of the event: NPTEL Awareness Workshop

Date of the event: 20th January, 2018

No. of Participant:9

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.



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## 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.

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>

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Name of the event: Master Training Workshop for Spoken Tutorial, AKTU Noida Campus

Date of the event: 19th January 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**.

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.



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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.



  
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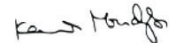


## Certificate Of Master Training Workshop

This is to certify that **Mr. Manoj Kumar Yadav** has participated in **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**.

This training is offered by **National Mission on Education through ICT, MHRD, Govt. of India**

**Date : January 19, 2018.**

  
**Prof. Kannan M Moudgalaya**  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

Link of the Event:

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

Name of the event: 8 Day Workshop on "Universal Human and Professional Ethics"(Under TEQIP Ph. III Project of Dr. A.P.J. Abdul Kalam Technical University, Lucknow)

Date of the event: 10th - 17th January, 2018

No. of Participant:3



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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 Resource 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



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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**.

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: 21st February 2018

No. of Participant:1

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**.

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**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
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)



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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](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) Organized by TEXAS INSTRUMENTS & AKTU Lucknow

Date of the event: 16th - 18th February 2018

No. of Participant:1

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**.



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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 :

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



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### 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:

[https://gnindia.dronacharya.info/events/Workshop\\_Microcontroller\\_Design2018.aspx?Month=Feb&Year=2018](https://gnindia.dronacharya.info/events/Workshop_Microcontroller_Design2018.aspx?Month=Feb&Year=2018)

  
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Name of the event: "TALK BY EMINENT PERSONALITIES" AICTE, New Delhi

Date of the event: 06 FEB 2018

No. of Participant:1

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.

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.



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**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**

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.



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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.



  
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Link of the Event:

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



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Name of the event: Dronacharya Group of Institution, Greater Noida Report On  
QEEE D2S Session on Gas Power Cycle (Thermal Engineering-I)

Date of the event: 26th, 27th and 28th March 2018

No. of Participant:1

Summary of the event: **QEEE session on Gas Power Cycle** was organized by **IIT Madras** under **Direct to Student (D2S) Program** at **Dronacharya Group of Institutions, Greater Noida** through ICT on **26th, 27th and 28th March 2018**. The course was conducted by **Prof. S.R Kale**, Faculty **IIT Madras**. **Mr. Manik Mittal** was the Local Faculty Coordinator for the Course.

#### **Day 1: 26th March**

**Prof. S.R Kale** started his lecture with the description of the importance of Gas power Cycle. He described Ideal Power Cycle, types of Petrol and Diesel Engines, Catalytic Convertor and particulate filter. He also explained the different type of emissions and the difference between 2-stroke, 4-stroke Petrol and Diesel Engines.

#### **Day 2: 27th March**

**Prof. Kale** started the session with a brief recapitulation of the previous concepts. He then discussed Diesel Cycle and its efficiency and compared the efficiencies of Otto, Diesel and Dual cycle. He gave a brief idea about Turbocharger and Supercharger. He later discussed the basic cycles such as Stirling, Brayton and Atkinson.

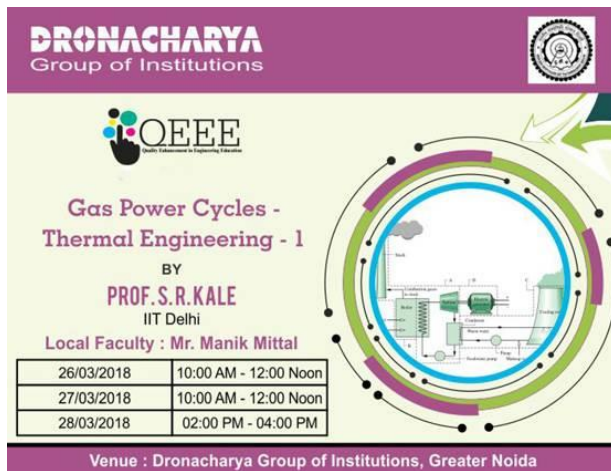


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### Day 3: 28th March

**Prof. Kale** resumed the session with basic concept of I.C Engine terminologies, selective Catalytic Reduction, Brayton Cycle, Ericsson Cycle and Duty Cycle. He also explained how to calculated the efficiency and discussed various applications of different cycles.

The three days session was very effective as the students learnt about the applications and use of different cycles. They also learnt about the emissions and catalytic convertor. The proctored quiz was submitted by the students through their QEEE account.



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**QEEE**  
Quality Education & Learning Experience

**Gas Power Cycles -  
Thermal Engineering - I**  
BY  
**PROF. S.R.KALE**  
IIT Delhi

Local Faculty : Mr. Manik Mittal

26/03/2018	10:00 AM - 12:00 Noon
27/03/2018	10:00 AM - 12:00 Noon
28/03/2018	02:00 PM - 04:00 PM

Venue : Dronacharya Group of Institutions, Greater Noida




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Link of the Event:

<https://gnindia.dronacharya.info/events/GasPowerCycle2018.aspx?Month=Mar&Year=2018>

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Name of the event: AICTE Approved Faculty Development Program on  
"Foundation Program in ICT for Education" Organized by IIT Bombay

Date of the event: 24th & 25th March 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 (PMMMNTT), 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=scslRdvFA24>

**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**.



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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.



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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.

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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Home > Education > IIT Bombay to organize Faculty Development Programme at Dronacharya Group of Institutions, Greater Noida

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**AICTE APPROVED**  
**FACULTY DEVELOPMENT PROGRAMME**

**Foundation Program In ICT For Education (FDP 101X)**

24-25 March 2018  
**A-View Session**  
9:30AM - 5:30PM

EDUCATION | NOIDA, GREATER NOIDA

**IIT Bombay To Organize Faculty Development Programme At Dronacharya Group Of Institutions, Greater Noida**

Ten News



Link of the Event:

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

  
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Name of the event: Women Startup Summit : Leadership Insights PHD House,  
New Delhi

Date of the event: 8th March 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.

**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.



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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.



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Link of the Event:

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

Name of the event: QEEE Session on "Limit State Design of Reinforced Concrete Columns"

Date of the event: 7, 8 & 9 March 2018

No. of Participant:1

Summary of the event: QEEE session on **Limit State Design of Reinforced Concrete Columns (Design of Reinforced RCC Structures)** was conducted under D2S by **Prof. Amit Shaw, IIT Kharagpur** at **Dronacharya Group of Institutions, Greater Noida** through ICT.

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The sessions were coordinated by **Mr. Pravendra Yadav**, Assistant Professor-CE. The sessions were conducted on **7th, 8th and 9th March 2018**.

**Day 1: 07.03.2018**

**Prof. Amit Shaw** delivered a lecture on the importance of concrete structures and basics of design of reinforced concrete structures through **Limit State Method**. During the lecture he covered the following sub-topics :

1. **Introduction**
2. **Classification of columns**
3. **Unsupported and effective length**
4. **Assumptions in limit state design for columns**
5. **Design of axially loaded short column**

**Day 2 : 08.03.2018**

**Prof. Shaw** discussed **Design of Column** with reference to:

1. **Axial load and uni-axial moment**
2. **Derivation of basic equation**
3. **Interaction diagram**

**SESSION - 3**

**09.03.2018**

On the last day, **Prof. Shaw** covered **Design of column with axial load and bi-axial moment**.



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To gauge the understanding of the students, one proctored quiz followed by an assignment was given to the students.

The session covered important elements of design of columns. The sessions helped the students in complete understanding of conceptual as well as practical Implication of RCC.

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**Limit State Design of Reinforced  
Concrete Columns - Design of  
Reinforced RCC Structures**  
BY  
**PROF. AMIT SHAW**  
IIT Kharagpur  
Local Faculty : Mr. Pravendra Yadav

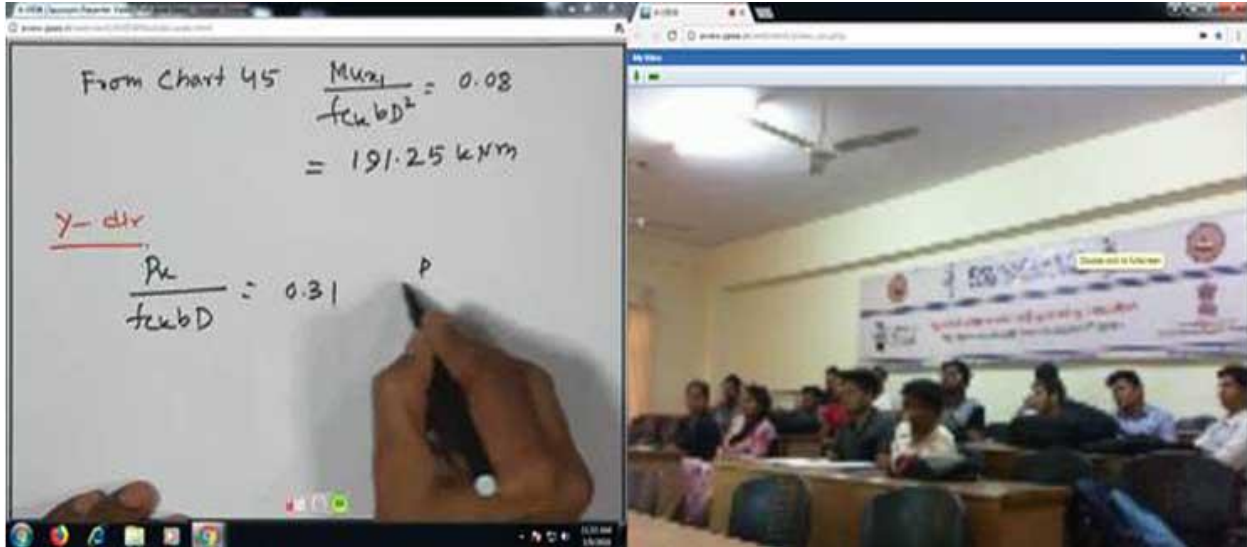
07/03/2018	10:00 AM - 12:00 Noon
08/03/2018	10:00 AM - 12:00 Noon
09/03/2018	10:00 AM - 12:00 Noon



Venue : Dronacharya Group of Institutions, Greater Noida




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Link of the Event:

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

  
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Name of the event: IITB A-view interaction with Coordinators

Date of the event: 26th April 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.

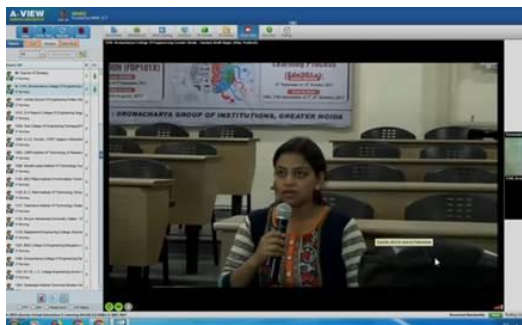
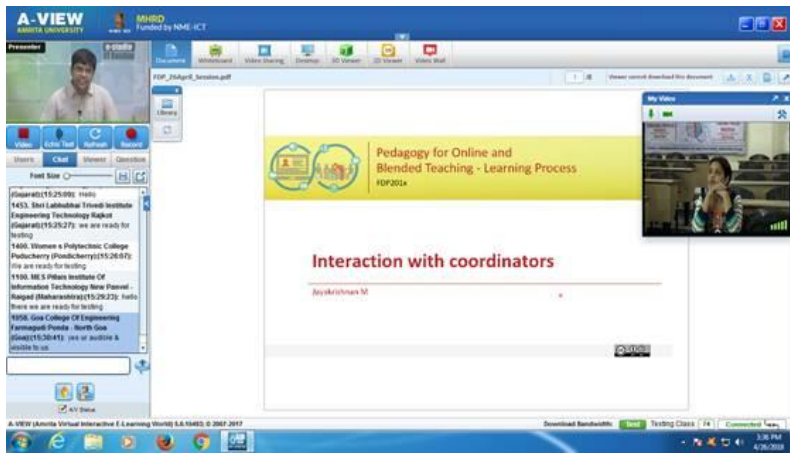
Concluding the interactive sessions, workshop coordinators were informed that after completion of **FDP201x**, **IITB** is planning to come up with **FDP301x**.

**Youtube link:**

[https://www.youtube.com/watch?v=K-G\\_ZDzp76Y](https://www.youtube.com/watch?v=K-G_ZDzp76Y)



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Link of the Event:

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

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Name of the event: 8 Day Workshop on "Universal Human and Professional Ethics" (Under TEQIP Ph. III Project of Dr. A.P.J. Abdul Kalam Technical University, Lucknow)

Date of the event: 28th MAY, 2018 to 4th JUNE, 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 Resource 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.



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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 in 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.

The workshop ended with certificate distribution and group photograph.



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Link of the Event:

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

Name of the event: Computer Society of India: Special Annual General Body Meeting

Date of the event: 20th May  
2018

No. of Participant:1



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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**.

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**.



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The meeting concluded with the vote of thanks to the chair.



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Link of the Event:

<https://gnindia.dronacharya.info/events/CSIAnnualMeeting2018.aspx?Month=May&Year=2018>

Name of the event: Summer School on STAAD Pro V8i

Date of the event: 5th - 15th June 2018

No. of Participant:1



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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.



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**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.

**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.



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### 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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Link of the Event:

<https://gnindia.dronacharya.info/events/SummerSchoolV8i.aspx?Month=June&Year=2018>

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Name of the event: MHRD-AICTE Workshop on Social Media- Uses & Effect AICTE,  
New Delhi

Date of the event: 10th April, 2018

No. of Participant:1

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.



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**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 of 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 \(AICTE\)](#).

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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Link of the Event:

[https://gnindia.dronacharya.info/events/MHRDAICTE\\_Workshop2018.aspx?Month=Apr&Year=2018](https://gnindia.dronacharya.info/events/MHRDAICTE_Workshop2018.aspx?Month=Apr&Year=2018)

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Name of the event: Workshop on Basics Of Foundry Practice Under the Aegis of  
Centre of Excellence for Smart Manufacturing (CoESM) (MSME, Govt. of India)

Date of the event: 8th - 9th March 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.



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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.

The workshop proved to be a successful and practical oriented. Participants gained very good knowledge and exposure of Foundry Practice.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/FoundryPractice\\_2018.aspx?Month=Mar&Year=2018](https://gnindia.dronacharya.info/events/FoundryPractice_2018.aspx?Month=Mar&Year=2018)

Name of the event: “WORKSHOP ON NC GUIDE SOFTWARE (CNC SIMULATOR)” In Association with Fanuc India Pvt. Ltd.

Date of the event: 3rd November 2017

No. of Participant:2



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**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.

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.



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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.



Link of the Event:

<https://gnindia.dronacharya.info/events/WorkshopNCGuideSoftware.aspx?Month=Nov&Year=2017>

  
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2018-19

Name of the event: One Day Workshop on Web Development

Date of the event: 1st September 2018

No. of Participant: 1

**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.

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**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>

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

Date of the event: 29th November 2018

No. of Participant: 1

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 present 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.

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**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.

**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](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: 19th January 2019

No. of Participant:1

  
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**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.

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.

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

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



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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 Management System

Date of the event: 15th March 2019

No. of Participant:41

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**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.

**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.

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**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=bajvuuPiCV0>

#### **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
4	Bipin Pandey	Dronacharya College of Engineering, Greater Noida
5	Rasna Sehrawat	Amity Institute of Education
6	Ravi Prakash Verma	Dronacharya College of Engineering, Greater Noida
7	Shuchi Mathur	Dronacharya College of Engineering, Greater Noida
8	Rajat Kumar	Dronacharya College of Engineering, Greater Noida
9	Chandan Kumar	Dronacharya College of Engineering, Greater Noida
10	Honey Gupta	Dronacharya College of Engineering, Greater Noida
11	Abhay Raj	Dronacharya College of Engineering, Greater Noida
12	Ankita Gangwar	Dronacharya College of Engineering, Greater Noida
13	Azad Singh	Dronacharya College of Engineering, Greater Noida
14	Jasmeet Kaur	Dronacharya College of Engineering, Greater Noida
15	Amit Jain	Dronacharya College of Engineering, Greater Noida
16	Md Faiz Ali	Dronacharya College of Engineering, Greater Noida
17	Mazhar Hasan	Dronacharya College of Engineering, Greater Noida
18	Md Shahbaz	Dronacharya College of Engineering, Greater Noida

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19	Shourya Raj	Dronacharya College of Engineering, Greater Noida
20	Tanya Yadav	Dronacharya College of Engineering, Greater Noida
21	Raj Ranjan Prasad	Dronacharya College of Engineering, Greater Noida
22	Lily Gupta	Dronacharya College of Engineering, Greater Noida
23	Ashish Kukreti	Dronacharya College of Engineering, Greater Noida
24	Mahima Narula	Dronacharya College of Engineering, Greater Noida
25	Vinod Kumar	Dronacharya College of Engineering, Greater Noida
26	Puja Ranjan	Dronacharya College of Engineering, Greater Noida
27	Sunil Kumar Srivastava	Dronacharya College of Engineering, Greater Noida
28	Dinesh Kumar	Dronacharya College of Engineering, Greater Noida
29	Gudia Devi	Dronacharya College of Engineering, Greater Noida
30	Sumit Mishra	Dronacharya Group Of Institution
31	Shally Yadav	Dronacharya group of institution
32	Siddharth Chowdhary	Dronacharya College of Engineering, Greater Noida
33	Ranjeet Singh	Dronacharya College of Engineering, Greater Noida
34	Akanksha Garg	Dronacharya College of Engineering, Greater Noida
35	Sanjit Srivastava	Dronacharya College of Engineering, Greater Noida
36	Rajeev Gupta	Dronacharya College of Engineering, Greater Noida
37	Jagpal Singh Rana	ACCMAN Institute of Management, Greater Noida
38	Tapan Das	Dronacharya College of Engineering, Greater Noida
39	Pinkal Kumari Yadav	Dronacharya College of Engineering, Greater Noida
40	Mohit Singh Bhandari	Dronacharya College of Engineering, Greater Noida
41	Vishnu Kuntal	Dronacharya College of Engineering, Greater Noida
42	Deepak Kumar Sharma	KENDRIYA VIDYALAYA NO.2 AGRA CANTT
43	Pawan Kumar	Dronacharya College of Engineering, Greater Noida
44	Vikas Singh Bhadoria	ABES Engineering College, Ghaziabad
45	Manoj Kulshrestha	Jawahar Navodaya Vidyalaya
46	Niharika Varshney	ABES Engineering College, Ghaziabad
47	Rajkamal Kishor Gupta	Dronacharya College of Engineering, Greater Noida
48	Ankit Tayal	ABES Engineering College, Ghaziabad

**Director**  
Dronacharya Group of Institutions  
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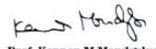
Director  
Dronacharya Group of Institutions  
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## Certificate of Completion of Moodle Learning

This is to certify that **Mr. Ashish Kukreti** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalaya  
IIT Bombay

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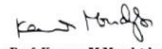
Director  
Dronacharya Group of Institutions  
27, KP-III, Greater Noida-201306



## Certificate of Completion of Moodle Learning

This is to certify that **Mr. Bipin Pandey** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalya  
IIT Bombay


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## Certificate of Completion of Moodle Learning

This is to certify that **Mr. Chandan Kumar** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalya  
IIT Bombay

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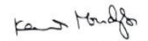
Director  
Dronacharya Group of Institutions  
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## Certificate of Completion of Moodle Learning

This is to certify that **Mr. Probeer Sahw** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgal  
IIT Bombay

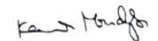
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## Certificate of Completion of Moodle Learning

This is to certify that **Mr. Sahab Singh** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgal  
IIT Bombay

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## Certificate of Completion of Moodle Learning

This is to certify that **Ms. Anjali Yadav** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalya  
IIT Bombay

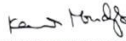
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## Certificate of Completion of Moodle Learning

This is to certify that **Ms. Ankita Gangwar** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalya  
IIT Bombay

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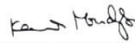
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## Certificate of Completion of Moodle Learning

This is to certify that **Ms. Lily Gupta** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalaya  
IIT Bombay

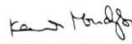
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## Certificate of Completion of Moodle Learning

This is to certify that **Ms. Puja Ranjan** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalaya  
IIT Bombay

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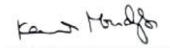
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## Certificate of Completion of Moodle Learning

This is to certify that **Ms. Shuchi Mathur** has successfully completed **Faculty Development Programme on Moodle Learning Management System**, organized at Dronacharya Group Of Institutions, co-ordinated by **Probeer Sahw** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : March 15, 2019.

  
Prof. Kannan M Moudgalya  
IIT Bombay

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Link of the Event:

[https://gnindia.dronacharya.info/events/Moodle Learning Management System 2019.aspx?Month=Mar&Year=2019](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: 26th & 27th April 2019

No. of Participant: 3



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**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**.

### **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.

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**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.

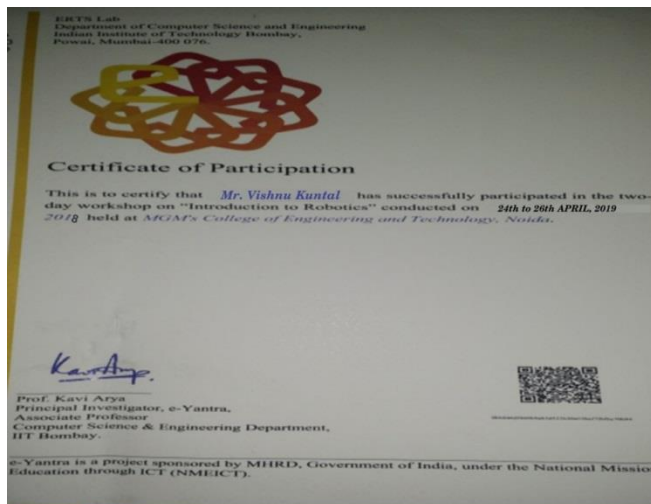
All the participants appreciated the efforts put by Mr. Pandey and Mr. Sarkar in making the workshop interesting and interactive with ample hands-on sessions.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/writeup\\_2019.aspx?Month=Apr&Year=2019](https://gnindia.dronacharya.info/events/writeup_2019.aspx?Month=Apr&Year=2019)

  
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Name of the event: One Day Workshop on Scilab

Date of the event: 4th May 2019

No. of Participant:15

**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.

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.

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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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## E & ICT Training Certification On Scilab Learning workshop

This is to certify that

Dr. / Mr. / Ms. **Mr. Abhay Raj** \_\_\_\_\_ of  
\_\_\_\_\_ **Dronacharya Group of Institutions Greater Noida** \_\_\_\_\_ has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy,  
Indian Institute of Technology, Kanpur.

Date of Issue:

System Identification No.:  
866-9350-da366ac6edf3c6d5

*B. V. Phani*

Prof. B. V. Phani

*Amey Karkare*

Prof. Amey Karkare



E & ICT Coordinators



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## E & ICT Training Certification On Scilab Learning workshop

This is to certify that

Dr. / Mr. / Ms. **Mr. Mohit Singh Bhandari** \_\_\_\_\_ of  
\_\_\_\_\_ **Dronacharya Group of Institutions Greater Noida** \_\_\_\_\_ has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy,  
Indian Institute of Technology, Kanpur.

Date of Issue:

System Identification No.:  
866-9350-da366ac6edf3c6d5

*B. V. Phani*

Prof. B. V. Phani

*Amey Karkare*

Prof. Amey Karkare



E & ICT Coordinators

*[Signature]*  
Director  
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**This is to certify that**

Dr. / Mr. / Ms. **Mr. Vinod Kumar** \_\_\_\_\_ of  
\_\_\_\_\_ **Dronacharya Group of Institutions Greater Noida** \_\_\_\_\_ has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy,  
Indian Institute of Technology, Kanpur.

Date of Issue:  
System Identification No.:  
866-9350-da366ac6edf3c6d5

Prof. B. V. Phani

Prof. Amey Karkare



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**This is to certify that**

Dr. / Mr. / Ms. **Ms. Lily Gupta** \_\_\_\_\_ of  
\_\_\_\_\_ **Dronacharya Group of Institutions Greater Noida** \_\_\_\_\_ has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy,  
Indian Institute of Technology, Kanpur.

Date of Issue:  
System Identification No.:  
866-9350-da366ac6edf3c6d5

Prof. B. V. Phani

Prof. Amey Karkare



E & ICT Coordinators

**Director**  
**Dronacharya Group of Institutions**  
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Scilab Learning workshop**

This is to certify that

Dr. / Mr. / Ms. Mr. Probeer Sahw of  
Dronacharya Group of Institutions Greater Noida has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy,  
Indian Institute of Technology, Kanpur.

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866-9350-da366ac6edf3c6d5

Prof. B. V. Phani

Prof. Amey Karkare



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**E & ICT Training Certification On  
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This is to certify that

Dr. / Mr. / Ms. Mr. Siddharth Chowdhary of  
Dronacharya Group of Institutions Greater Noida has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy,  
Indian Institute of Technology, Kanpur.

Date of Issue:  
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Prof. B. V. Phani

Prof. Amey Karkare



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**E & ICT Training Certification On  
Scilab Learning workshop**

This is to certify that

Dr. / Mr. / Ms. Mr. Sunil Kumar Srivastava of  
Dronacharya Group of Institutions Greater Noida has  
completed the training from from **4 May, 2019** conducted by E & ICT Academy  
Indian Institute of Technology, Kanpur.

Date of Issue:  
System Identification No.:  
866-9350-da366ac6edf3c6d5

Prof. B. V. Phani

Prof. Amey Karkare



E & ICT Coordinators

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Link of the Event:

[https://gnindia.dronacharya.info/events/Scilab\\_09052019.aspx?Month=May&Year=2019](https://gnindia.dronacharya.info/events/Scilab_09052019.aspx?Month=May&Year=2019)

Name of the event: Workshop on Smart Classroom,IIT Bombay

Date of the event: 24th - 25th June 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"

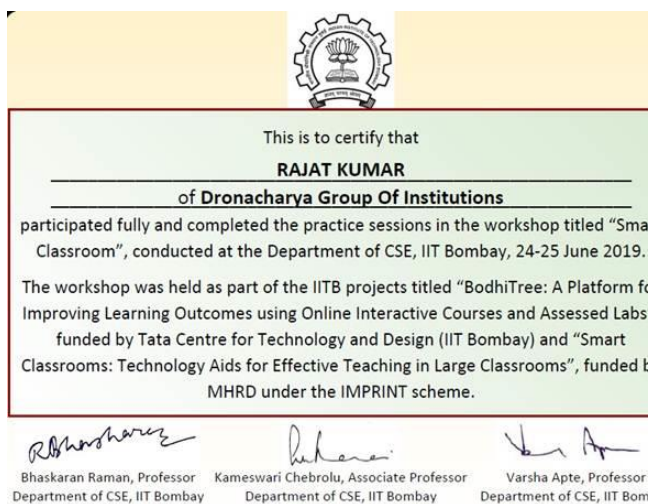
**Prof. Kameshwari** discussed the history of the development of the smart classroom concept. She said that the concept of smart class education is indeed a blessing to the students of the 21st century. It enhances the effectiveness of teaching and helps to maintain the students' interest and focus by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

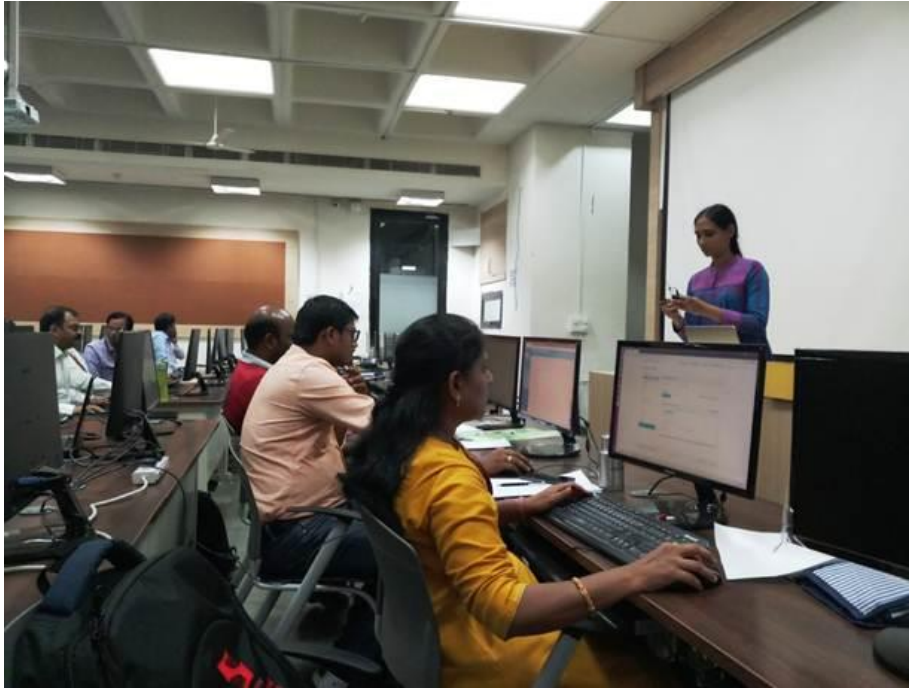
On Day-2, **25th June 2019, Prof. Bhaskaran Raman** conducted the session on **SAFE**. He asked the participants to download the SAFE Application and perform practical as instructed. He demonstrated how to conduct online test using SAFE app and also showed how to take attendance of students through SAFE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



*[Signature]*  
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Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_on\\_Smart\\_Classroom\\_09092019.aspx?Month=June&Year=2019](https://gnindia.dronacharya.info/events/Workshop_on_Smart_Classroom_09092019.aspx?Month=June&Year=2019)

Name of the event: Workshop on Python

Date of the event: 22nd June 2019

No. of Participant:20

**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**' (**PMMMNMTT**), 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++.

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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**.

They 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                 |

  
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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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### Certificate of Completion of Python Learning

This is to certify that **Mr. Abhishek Swami** has successfully completed **Faculty Development Programme on Python Learning** organized at Dronacharya Group Of Institutions, co-ordinated by **Python Learning** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : 22 June, 2019

  
Prof. Kannan M Mondragala  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



### Certificate of Completion of Python Learning

This is to certify that **Mr. Manoj Kumar Yadav** has successfully completed **Faculty Development Programme on Python Learning** organized at Dronacharya Group Of Institutions, co-ordinated by **Python Learning** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

Date : 22 June, 2019

  
Prof. Kannan M Mondragala  
IIT Bombay

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### Certificate of Completion of Python Learning

This is to certify that **Ms. Mamta Tomar** has successfully completed **Faculty Development Programme on Python Learning** organized at Dronacharya Group Of Institutions, co-ordinated by **Python Learning** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

  
Prof. Kanan M Moudgalya  
IIT Bombay

Date : 22 June, 2019

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### Certificate of Completion of Python Learning

This is to certify that **Mr. Rajkamal Gupta** has successfully completed **Faculty Development Programme on Python Learning** organized at Dronacharya Group Of Institutions, co-ordinated by **Python Learning** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

  
Prof. Kanan M Moudgalya  
IIT Bombay

Date : 22 June, 2019

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### Certificate of Completion of Python Learning

This is to certify that **Ms. Bharti Rani** has successfully completed **Faculty Development Programme on Python Learning** organized at Dronacharya Group Of Institutions, co-ordinated by **Python Learning** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

  
Prof. Kanan M Moudgalya  
IIT Bombay

Date : 22 June, 2019

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### Certificate of Completion of Python Learning

This is to certify that **Ms. Anjali Yadav** has successfully completed **Faculty Development Programme on Python Learning** organized at Dronacharya Group Of Institutions, co-ordinated by **Python Learning** with course material provided by the Spoken Tutorial Project, IIT Bombay. The workshop was conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **This training is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

  
Prof. Kanan M Moudgalya  
IIT Bombay

Date : 22 June, 2019

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

  
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Link of the Event:

[https://gnindia.dronacharya.info/events/WorkshoponPython\\_25062019.aspx?Month=June&Year=2019](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: 17th - 22nd JUNE 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.

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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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### E & ICT Training Certification On Scilab Learning workshop

This is to certify that

This is to certify that **Ms. Anjali Yadav** from Department of Computer Science Engineering, **Dronacharya Group of Institutions, Greater Noida** participated a **Short Term Course on Introduction to Programming : A Pedagogical Approach** was organized at IIT Kanpur from **17<sup>th</sup> June to 22<sup>nd</sup> June 2019**.

Date of Issue:

System Identification No.:  
866-9350-da366ac6edf3c6d5

Prof. B. V. Phani

Prof. Amey Karkare



E & ICT Coordinators

Link of the Event:

[https://gnindia.dronacharya.info/events/SHORT\\_TERM\\_COURSE01072019.aspx?Month=June&Year=2019](https://gnindia.dronacharya.info/events/SHORT_TERM_COURSE01072019.aspx?Month=June&Year=2019)

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**2019-20**

Name of the event: Management Development Program on "Effective Communication for Managerial Success", IIM Lucknow (Noida Campus)

Date of the event: 30th August 2019 - 1st September 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.

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### **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.

### **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.

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**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.

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

  
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Name of the event: Workshop on LINUX

Date of the event: 23rd August 2019

No. of Participant:1

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**.

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.

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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. 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](https://www.youtube.com/watch?v=v1JcsXI_HP4)



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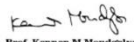
Approved by : All India Council for Technical Education  
Affiliated to : Uttar Pradesh Technical University, Lucknow



## Certificate of Workshop on Linux

This is to certify that **Mr. Rajkamal K Gupta** participating 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**, with course material provided by the Spoken Tutorial Project, IIT Bombay.

**This workshop is offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.**

  
Prof. Kaanan M Mondgalya  
IIT Bombay

Date : August 23, 2019.

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



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Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_on\\_LINUX\\_30092019.aspx?Month=Aug&Year=2019](https://gnindia.dronacharya.info/events/Workshop_on_LINUX_30092019.aspx?Month=Aug&Year=2019)

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

Date of the event: 17th August 2019

No. of Participant:1

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.

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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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Approved by : All India Council for Technical Education  
Affiliated to : Uttar Pradesh Technical University, Lucknow



Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_on\\_Computer\\_Network\\_2\\_03102019.aspx?Month=Aug&Year=2019](https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_2_03102019.aspx?Month=Aug&Year=2019)

  
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Name of the event: Workshop on Computer Network

Date of the event: 16th August 2019

No. of Participant:1

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**.



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Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_on\\_Computer\\_Network\\_04102019.aspx?Month=Aug&Year=2019](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: 03rd August 2019

No. of Participant:1

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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**' (PMMMNMTT), 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.

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**.

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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.



Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_on\\_LINUX\\_23092019.aspx?Month=Aug&Year=2019](https://gnindia.dronacharya.info/events/Workshop_on_LINUX_23092019.aspx?Month=Aug&Year=2019)

  
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Name of the event: One Day Workshop on eSim (First Course in the IoT Series for Teachers)

Date of the event: 21st September 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.

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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=3m0lvvvtEqY>

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

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

Date of the event: 6th September 2019 to 8th September 2019

No. of Participant:1

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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**.

**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 synopses, skills & experiences create new neural connections and this process strengthens synopses; 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.

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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](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: 16th - 27th December 2019

No. of Participant:1

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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.

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**”.

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**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.

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#### 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**.

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### 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.

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**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**”.

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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.

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**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: Unnat Bharat Abhiyan 2.0 Dayalbagh Educational Institute (Deemed University), Agra

Date of the event: 2nd December 2019

No. of Participant:2

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.

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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 Goshalas 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.

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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: 11th January 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 IIT Delhi on **11th January 2020**. **Mrs. Neelam Bhardwaj, Assistant Professor, Dronacharya Group of Institutions, Greater Noida** attended the workshop.

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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.

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.

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**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 word 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 will 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.

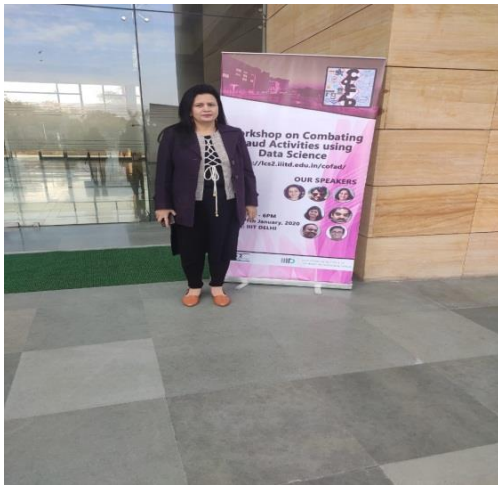
Next **Mr. Girish Keshav Palshikar** (TCS Research) and **Dr. Vikram Goyal** (Head and Associate Professor IIIT D) explained the techniques they have used in date science for fake news detection.

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

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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: Faculty Member attended e-Yantra workshop on "Introduction to Robotics"

Date of the event: 7th - 8th January 2020

No. of Participant:4

  
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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.

### **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.

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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.

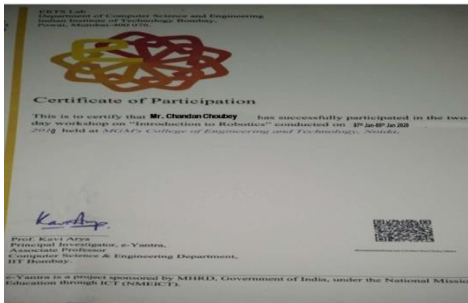
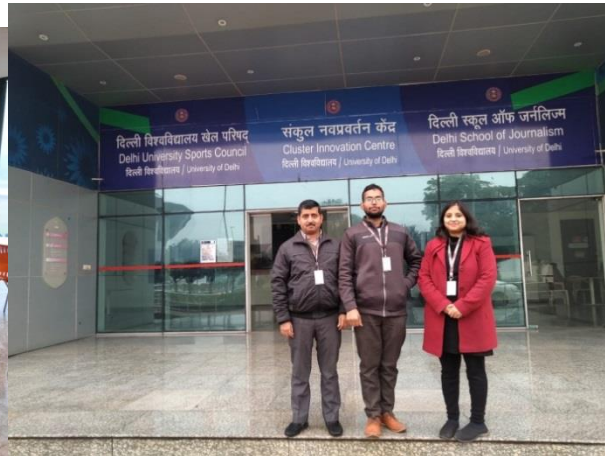
In the next session, **Mr. Sachin** described the white line follower concept and its programming to the participants. The workshop ends with doubt clearing session.

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

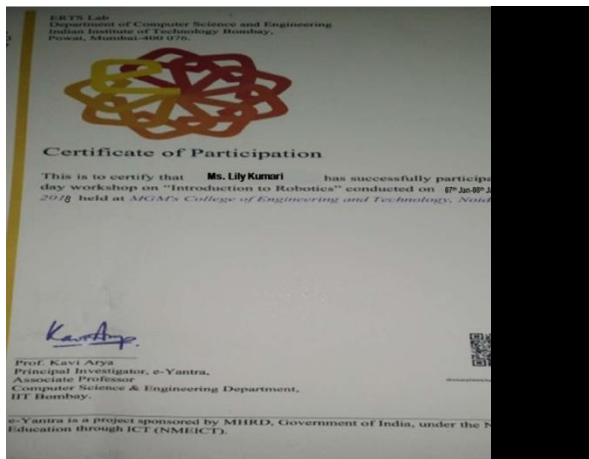
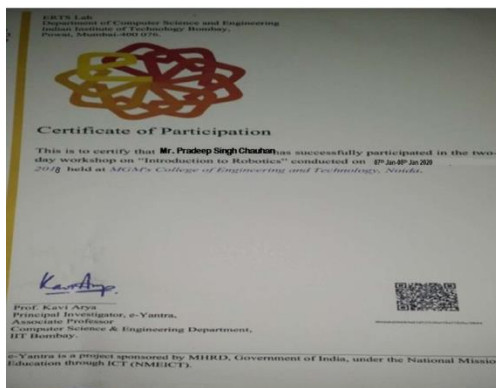
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Link of the Event: <https://gnindia.dronacharya.info/events/Faculty-attended-E-yantra-Workshop.aspx?Month=Jan&Year=2020>

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

Date of the event: 29th February 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.

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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-Plus.aspx?Month=Feb&Year=2020>

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

Date of the event: 21st - 23rd February 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.**

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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: One Day Workshop on Arduino For Teachers (A Course in the IoT Series)

Date of the event: 8th February 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 (PMMNMTT)** funded by the **Ministry of Human Resource Development, Government of India**.

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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.**

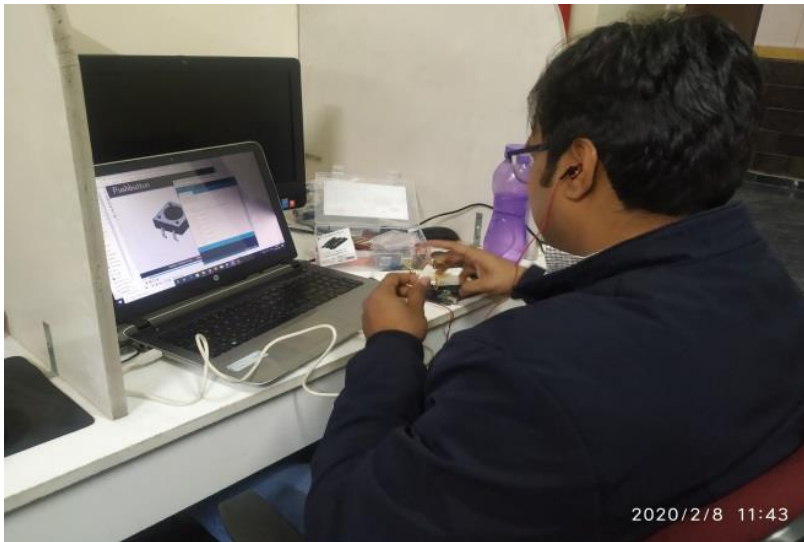
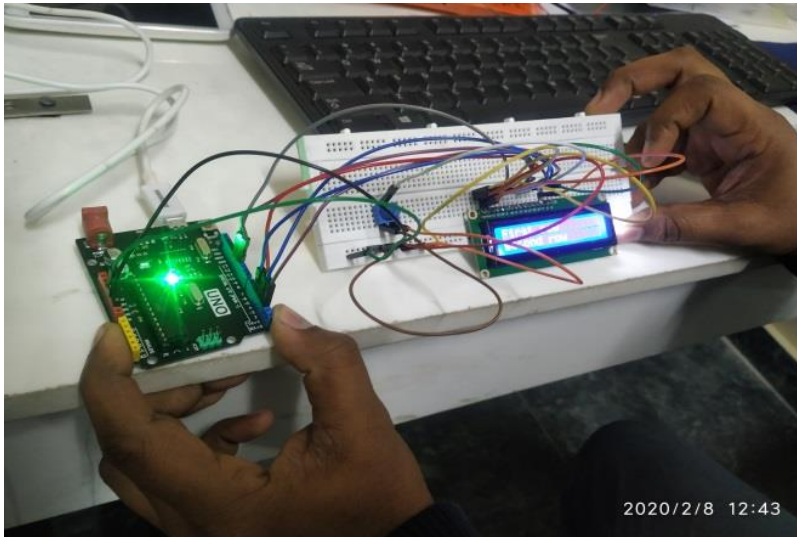
The workshop was inaugurated by **Prof. Kannan Moudgalya, Principal Investigator, PMMMNMTT, IIT Bombay** in the presence of **Dr. G.V.V Sharma, Associate Professor, IIT Hyderabad. Prof. Moudgalya** during his brief on the workshop told the importance of Arduino and its possible applications.

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>

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

Date of the event: 3rd August, 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>

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

Date of the event: 9th - 13th September 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.**

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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: 4th December 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 **4<sup>th</sup> 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: 17th December 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 **17<sup>th</sup> 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**' (**PMMMNTT**), an initiative of the **Ministry of Human Resource Development, Government of India**.

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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.**



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: 16th May 2020

No. of Participant:1

  
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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**' (**PMMMNMTT**), 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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**2020-21**

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

Date of the event: 6th - 11th July 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.



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**Faculty Development Programme**  
on  
**Mobile Application Development**



**6th – 11th July, 2020**

Approved by: All India Council for Technical Education, New Delhi  
Affiliated to: Dr. A. P. J. Abdul Kalam Technical University, Lucknow



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*Faculty Development Programme*

This is to certify that

Prof./Dr./Mr./Ms. **Mr. PRADEEP CHAUHAN** conducted a session on  
**“Faculty Development Programme (FDP)”**

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during Faculty Development Programme on **“Mobile Application Development for Android”**  
**Management”** on **6th - 11th July 2020** at Dronacharya Group of Institutions, Greater Noida.

  
Director DGI, Greater Noida

  
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Link of the Event: <https://gnindia.dronacharya.info/events/FDP-Mobile-Application-Development-JULY-2020.aspx?Month=Jul&Year=2020>

Name of the event: One week FDP on “Material Processing”

Date of the event: 13th – 18th July, 2020

No. of Participant:10

Summary of the event: **Dronacharya Group of Institutions, Greater Noida** organized a one week FDP session on “**Material Processing**” from **13<sup>th</sup> – 18<sup>th</sup> 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.



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Name of the event: One Week FDP on "Mind Control: Managing Your Mental Health during COVID-19"

Date of the event: 20th - 25th July 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.



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**FACULTY DEVELOPMENT PROGRAMME**

*"Mind Control: Managing Your Mental Health during COVID-19"*



**20th – 25th July, 2020**



  
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*[Signature]*

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

Name of the event: Three days Workshop on “Rural Entrepreneurship and Rural Start-Ups”

Date of the event: 17th - 19th February 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.

  
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**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.



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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 *Neelam Bhardwaj* from *Dronacharya Group of Institutions* for Participating in the Three days Workshop of "Rural Entrepreneurship and Rural Start-Ups" held from 17<sup>th</sup>-19<sup>th</sup> February,2021

**Dr. U N Roy**  
RCL, Coordinator  
NITTE, Chandigarh



### *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 17<sup>th</sup>-19<sup>th</sup> February,2021

**Dr. U N Roy**  
RCL, Coordinator  
NITTE, Chandigarh

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Link of the Event: <https://gnindia.dronacharya.info/events/Workshop-Rural-Entrepreneurship.aspx?Month=Feb&Year=2021>

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

Date of the event: 7th - 13th April 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 **7<sup>th</sup> - 13<sup>th</sup> 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.

### **Day 1: 7<sup>th</sup> 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.



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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: 8<sup>th</sup> 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 : 9<sup>th</sup> 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.

  
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**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 : 10<sup>th</sup> 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 : 12<sup>th</sup> 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.



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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**”.

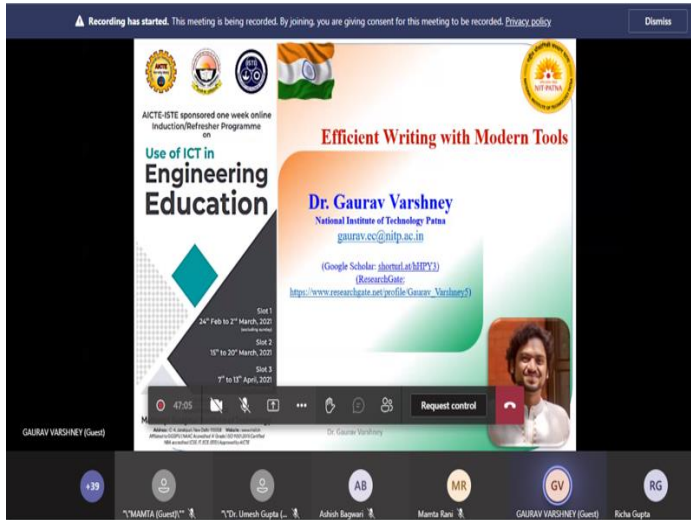
### **Day 6 : 13<sup>th</sup> April 2021**

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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Link of the Event: <https://gnindia.dronacharya.info/events/Use-ICT-Engineering-Education.aspx?Month=Apr&Year=2021>

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

Date of the event: 11th - 16th January 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 11<sup>th</sup> -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: <https://sway.office.com/IB2QjcdAUBkIlaMA>

  
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Name of the event: One Week Workshop on "PHP"

Date of the event: 18th - 22nd January 2021

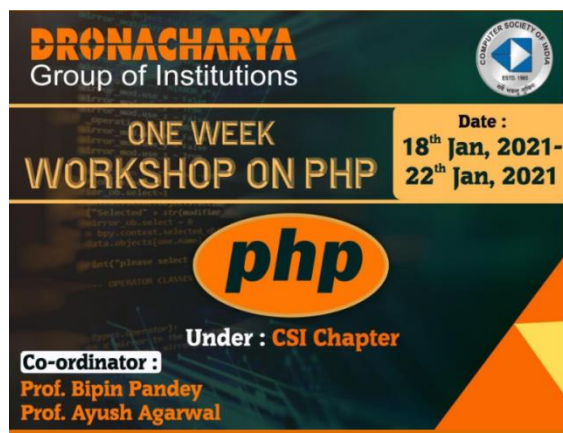
No. of Participant:20

Summary of the event: CSI Student Chapter, **Dronacharya Group of Institutions, Greater Noida** organized a “**One week workshop on PHP**” from **18<sup>th</sup> -22<sup>nd</sup> 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.



  
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Link of the Event: <https://gnindia.dronacharya.info/events/One-Week-Workshop-PHP-22-JAN-2021.aspx?Month=Jan&Year=2021>

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

Date of the event: 15th March - 6th April 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 **15<sup>th</sup> March – 6<sup>th</sup> 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.



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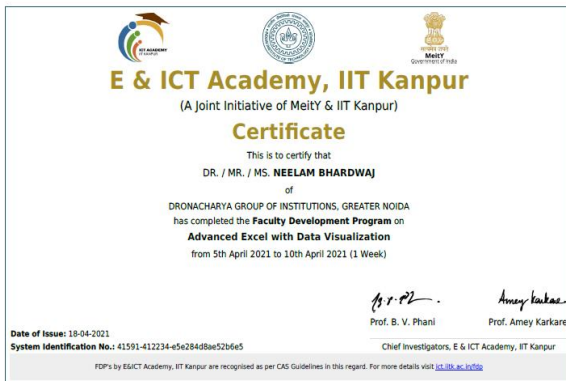
Link of the Event: <https://gnindia.dronacharya.info/events/FDP-15-march-6-april-2021.aspx?Month=Mar&Year=2021>

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

Date of the event: 5th - 10<sup>th</sup> April 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: <https://sway.office.com/VRphf5OYx9qbJrW7>

  
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