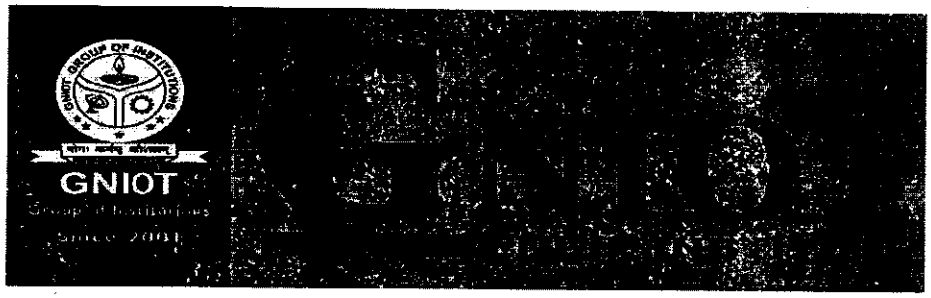


5.1.3

Percentage of students benefited by guidance of competitive examinations and Career Counseling offered by the institution during the last five years

Greater Noida Institute of Technology (Engg. Institute)

Plot No. 7, Knowledge Park II, Greater Noida

Uttar Pradesh 201310 India

5.1.3 Percentage of students benefitted by guidance of competitive examionations and career counseling offered by the institutions during the last five years (Institution Level)

Expert Lecture , Seminar,Workshops and industrial visits (2017-18)

Sr. No.	Year	Date	Name of Event	Participant
1	2017-18	2nd November, 2017	One week workshop on Embedded System	139
2	2017-18	10th Jan, 2018	Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges	138
3	2017-18	16thFebuary, 2018	Expert Talk on IoT Applications	98
4	2017-18	26th March, 2018	Awareness Program on How to Get Higher Package Jobs in Core Areas	255
5	2017-18	28-29 Dec 2017	Technology and Trust	98
6	2017-18	13 october 2017	"Emerging Technology"	74
7	2017-18	19-Oct-17	GOOD RESEARCH & INNOVATION PRACTICES	29
8	2017-18	28-29th Oct, 2017	International conference on technology and trust(ICTT)	74
9	2017-18	04th Feb, 2018	Industrial visit at HUAWAI GURUGRAM	35
10	2017-18	10th Feb, 2018	epsychi seminar"	111
11	2017-18	04thMarch, 2018	Workshop on 3-D PRINTER	30
12	2017-18	04-10-2017	Power Cables	67
13	2017-18	11-09-2017	Electrical Power Generation	65
14	2017-18	05-03-2018	Health Awareness	18
15	2017-18	09-03-2018	Document Preparation Using Latex	16
16	2017-18	22-23/03/2018	Solar Photovoltaic System	36
17	2017-18	05.05.2018	Implementation of Magnetized Water in Concrete	53
18	2017-18	17.08.2017	Investigation And Characterization Of The Solid Waste Disposal Sites And Its Impact On Soil	79
19	2017-18	18-Aug-17	"Robotics"	30
20	2017-18	17-Nov-17	"Microwave Welding"	32
21	2017-18	05-Mar-18	"Super Cryogenic systems Pvt.Ltd."	30
22	2017-18	12-Apr-18	"Oerlikon Graziano"	32
23	2017-18	17 July-17	GATE CLASSES FOR CSE, IT, EC, EE, CE AND ME Department	704

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Ref: - No. GNIOT/ECE/ODD/Events/05 Date: 7.11.2017

NOTICE

This is to inform the 2nd year and 3rd year students that as per the academic calendar the department are organizing one week workshop for the current semester, continuing the same practice you all are informed that one week workshop is being organized on **Embedded Systems** from 2nd November 2017 to 17th November 2017.

The students are requested to Present in full strength and take the maximum benefits of the workshop.

Dr. Shelly Garg

HOD, ECE

One Week Workshop
On

Embedded Systems

2nd Nov- 17th Nov 2017.
(1:30 AM to 5:00 PM)

Organized by

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Institution's Innovation Council

Greater Noida Institute of Technology (GNIOT)

(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

COURSE No. & TITLE:
one week workshop is being organized on **Embedded Systems**

PARTICIPANTS:

2nd and 3rd Year Students & Faculty members of departments, B.Tech ECE.

OBJECTIVES:

- Get insight of design metrics of Embedded Systems to design real time applications to match recent trends in technology.
- Understand Real time systems concepts.
- Understand Real time systems concepts.
- Get to know the hardware – software co design issues and testing methodology for Embedded system.
- To know basics and hand on of Raspberry Pi.

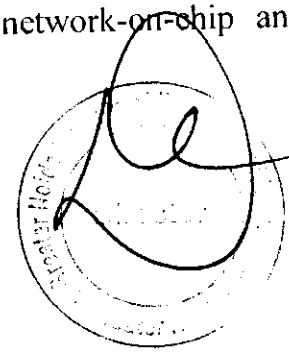
Venue: Seminar Hall, 1st floor
Date: **2nd Nov- 17th Nov 2017.**
Time:1.30 PM – 5.00 PM

Expert:

Mr. Anil Kumar Rajput,ABV-Indian Institute of Information Technology and Management, Gwalior.

Profile of the Expert

Mr. Anil Kumar Rajput, who is currently pursuing his Ph.D from ABV-Indian Institute of Information Technology and Management, Gwalior. He has done his M.Tech from NIT Rourkela. His interest areas include Energy-aware VLSI architecture design, in-memory computation systems, network-on-chip and analog circuit design, real time embedded systems.



Report

Event Name:

Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges

Date: 10th Jan, 2018

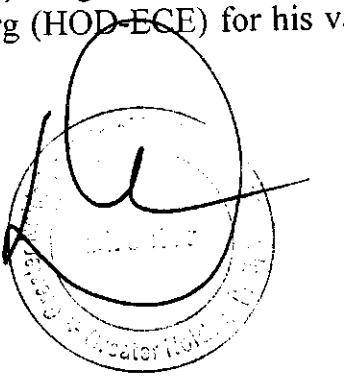
Resource Person: Dr. Anil Kumar Dubey

Department of ECE in association with GNIX Tech Club successfully organized an expert talk on "Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges" on 10th Jan, 2018 from 11:30 AM onwards in Seminar hall,1st floor. Dr. Anil Kumar Dubey, Professor NIT, Delhi, India was invited as the eminent speaker. Around 50 students of 2nd and 3rd year (BTech ECE) participated in the event, which also created a tech environment in the department The event started with the lamp lighting ceremony by the Dr. Rohit Garg, Director, Dr. Anil Kumar Dubey (Expert Speaker), Dr. Shelly Garg (HOD ECE), and the faculty members.

At first, Dr. Rakhi Bhardwaj interacted with the students and highlighted the importance of Antenna. Afterwards, Dr. Anil Kumar Dubey delivered a presentation on "Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges" where he discussed the basics of Antenna Design, wireless systems and transmission mechanism. He also discussed his research work and explained the energy efficient algorithm designed by him to fulfill the research gap in the domain.

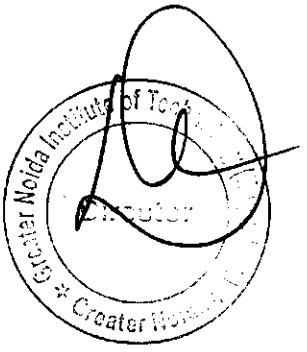
Dr. Anil Kumar Dubey discussed various Smart Antenna based projects in the presentation. The presentation concluded with the discussion of future work which students can carry out in their research. The Event was backed –up from the participant end with an interactive Question and Answer session. The event came to end with a vote of thanks which was given by Dr. Shelly Garg.

We would like to extend a heartfelt thanks to GNIOT Management and Dr. Rohit Garg, Director, for giving us the opportunity to organize this event. A special thanks to Dr. Sudhir Kumar, Dean (R&D) for gracing the event with his presence. We're also thankful to Dr. Shelly Garg (HOD-ECE) for his valuable inputs and necessary support.



Outcome of the Program

1. Students get to know the various innovative projects that they can opt for in their semester.
2. Students also became aware of the technical and financial support provided by IIC.
3. Students gained experience of how the Innovation activities are executed.
4. Students also became aware of the research gaps which exist in the domain of wireless sensor networks.
5. Students also became aware of the practices to be adopted in order to make their sensor network efficient.



Greater Noida Institute of Technology, Gr. Noida
Electronics & Communication Engineering Department
Student List

S.No.	I.D. No.	UPTU Roll No	Student Name	A/P
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9	140493	1413231079	PRASHANT KUMAR	P
10	214199	1413231095	REWA SHANKAR YADAV	A
11	214144	1413231110	SANDEEP KUMAR	P
12	214166	1413231119	SAURAV NITI	P
13	140462	1413231139	SUMIT MAHALWAR	P
14	140504	1413231146	UTPAL KUMAR	P
15	140501	1413231158	VIVEK KUMAR	P
16	214175	1413231159	VIVEK KUMAR SINGH	P
17	150579	1513200132	MOKSHITA BANSAL	P
18	150508	1513231003	AASTHA PATHAK	P
19	150162	1513231004	ABHAYANAND	P
20	151125	1513231005	ABHIJEET JAISWAL	P
21	150611	1513231006	ABHINAV KUMAR	A
22	150317	1513231008	ABHISHEK KUMAR	P
23	150320	1513231009	ABHISHEK KUMAR	P
24	150925	1513231011	ABHISHEK PRATAP SINGH	P
25	150753	1513231012	ABHISHEK SINGH	P
26	150849	1513231015	AISHA ALAM	P
27	151053	1513231016	AJEET KUMAR SHUKLA	P
28	150908	1513231018	AKASH AGRAWAL	P
29	151015	1513231019	AKASH KUMAR GUPTA	A
30	150854	1513231020	AKSHAY CHOUDHARY	P
31	150582	1513231023	AKSHIKA GUPTA	P
32	151230	1513231024	AMAN RAJ	P
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34	150297	1513231028	ANAND KUMAR	P
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36	151284	1513231031	ANIKET KUMAR	P
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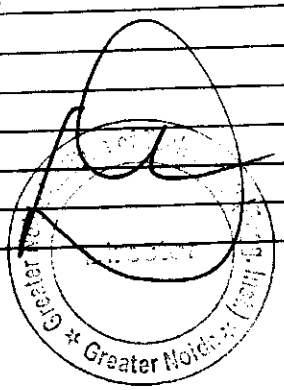
47	150832	1513231045	ANUSHRUTI SINGH	P



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88	151056	1513231103	MOHD SAJID KHAN	P
89	150337	1513231107	NAVDEEP SRIVASTAV	P
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91	150409	1513231110	NEERAJ DIXIT	A
92	150673	1513231111	NIGAM KUMAR	P
93	150371	1513231112	NISHA SINGH	P
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98	150055	1513231118	PAWAN GOYAL	

Greater Noida

99	150210	1513231120	PRAGYA SINGH	P
100	150512	1513231121	PRAJWAL TYAGI	P
101	151191	1513231122	PRASHANT CHAUBEY	P
102	151185	1513231123	PRASHANT SINGH MAHARA	P
103	150521	1513231124	PRATIK KUMAR	A
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106	150399	1513231128	PRAVEEN KUMAR CHAUBEY	P
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114	150603	1513231141	RAJKUMAR PRASAD	P
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116	150022	1513231143	RAKESH KUMAR	P
117	150641	1513231145	RAVI RANJAN SINGH	P
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119	150363	1513231147	RAVISHANKAR SINGH	A
120	150668	1513231148	RISHAV KUMAR	P
121	150396	1513231149	RISHIKESH PANDEY	P
122	150828	1513231150	RISHU	P
123	150537	1513231151	RITESH KUMAR SWARNKAR	P
124	150553	1513231152	ROHIT	P
125	150454	1513231153	ROHIT MISHRA	P
126	151061	1513231154	RONIT SHARMA	A
127	150314	1513231155	SAFDAR MAHFOOZ	A
128	150558	1513231157	SALONI GUJRE	P
129	150729	1513231158	SASHESH MADAN	P
130	150225	1513231159	SAUMYA KUMARI JHA	P
131	150340	1513231160	SHAHBAZ AFGHAN KHAN	P
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149	150400	1513231184	SUMIT CHAUHAN	P

150	150419	1513231185	SURAJ SINGH	P
151	150844	1513231186	SURYAKANT BISHT	P
152	150597	1513231187	TANU SINGH KASHYAP	A
153	150807	1513231188	TARUN SRIVASTAV	A
154	151234	1513231189	TUSHA SINGH	P
155	150617	1513231191	UJJWAL AKASH	P
156	150547	1513231192	VARTIKA SRIVASTAVA	P
157	150183	1513231193	VEDANT KUMAR SINGH	A
158	151199	1513231195	VIKRAM SOLANKI	P
159	150841	1513231197	VISHAL DUBEY	P
160	150057	1513231199	VISHAL SINGH	P
161	150545	1513231200	VISHWAJIT KUMAR TIWARI	P
162	150358	1513231202	YASH KUMAR	P
163	150461	1513231203	YASHVARDHAN SHUKLA	P
164	151220	1513231903	RAVINDER	A

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Ref: - No. GNIOT/ECE/EVEN/Events/03

Date: 3.01.2018

NOTICE

This is to inform the 2nd and 3rd year students that as per the academic calendar the department are organizing an expert talk for the current semester, continuing the same practice you all are informed that Expert talk on "Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges" **on 10th January 2018.**

The students are requested to Present in full strength and take the maximum benefits of the expert talk.

Dr. Shelly Garg
HOD EC
HOD, ECE

Expert Talk
on

"Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges"

10th Jan, 2018
(11:30 AM to 12:30 PM)

Organized by

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

GNIOT

Institution's Innovation Council

Greater Noida Institute of Technology (GNIOT)

(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

COURSE No. & TITLE:
Expert talk on "Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges"

PARTICIPANTS:

2nd and 3rd Year Students & Faculty members of departments, B.Tech ECE.

OBJECTIVES:

- To understand the theory and fundamentals of antenna design.
- To help the students to learn key aspects of practical antenna design.
- A broad range of antennas such as dipole, loop, microstrip patch, horn, smart etc are studied during the lecture
- To understand the smart antenna applications

Venue: Seminar Hall, 1st floor
Date: 10th January 2018
Time:11.30 AM Onwards

Expert:
Dr. Anil Dubey, NIT,Delhi, India.

Profile of the Expert

Dr. Anil Dubey completed his Ph.D. with thesis title "Design of Passive Microwave Components and Antenna with DGS on Si Substrate" from Banasthali Vidyapith in 2017. He holds M.Tech. Degree in Electronics and Communication Engineering from Visvesvaraya Technological University (VTU), Karnataka (2007). He also holds Bachelor of Engineering (B.E.) degree from Mangalore University, Karnataka which he completed in the year 2000 with specialization Electronics and Communication Engineering. He has more than 20 years of experience in Research/Teaching/Administration field. He has guided/guiding 10 Ph.D. scholars (Completed: 2 student, On-going: 8 students). At the Masters and Bachelors level, he has guided more than 15 students. His expertise is in RF & Microwave where he has depth knowledge of simulators (HFSS, CST Microwave Studio, Advance Design Studio) and also have knowledge related to characterization of Microwave Components.

Report

Event Name:

Smart Antenna Technologies for Future Wireless Systems: Trends and Challenges

Date: 10th Jan, 2018

Resource Person: Dr. Anil Kumar Dubey

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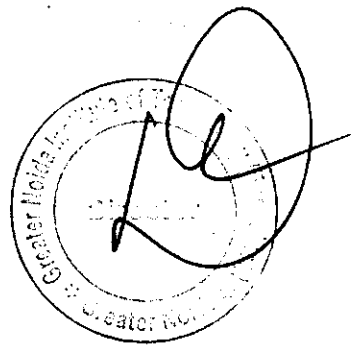

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Electronics & Communication Engineering Department
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5	214193	1413231040	GYAN PRAKASH	P
6	214153	1413231060	NADEEM ALI	A
7	140499	1413231061	NAVEEN SINGH	A
8	214159	1413231069	NITISH KUMAR	A
9	140493	1413231079	PRASHANT KUMAR	P
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11	214144	1413231110	SANDEEP KUMAR	P
12	214166	1413231119	SAURAV NITI	P
13	140462	1413231139	SUMIT MAHALWAR	P
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15	140501	1413231158	VIVEK KUMAR	P
16	214175	1413231159	VIVEK KUMAR SINGH	P
17	150579	1513200132	MOKSHITA BANSAL	P
18	150508	1513231003	AASTHA PATHAK	P
19	150162	1513231004	ABHAYANAND	P
20	151125	1513231005	ABHIJEET JAISWAL	P
21	150611	1513231006	ABHINAV KUMAR	A
22	150317	1513231008	ABHISHEK KUMAR	P
23	150320	1513231009	ABHISHEK KUMAR	P
24	150925	1513231011	ABHISHEK PRATAP SINGH	P
25	150753	1513231012	ABHISHEK SINGH	P
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27	151053	1513231016	AJEET KUMAR SHUKLA	P
28	150908	1513231018	AKASH AGRAWAL	P
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30	150854	1513231020	AKSHAY CHOUDHARY	P
31	150582	1513231023	AKSHIKA GUPTA	A
32	151230	1513231024	AMAN RAJ	P
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34	150297	1513231028	ANAND KUMAR	P
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36	151284	1513231031	ANIKET KUMAR	A
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41	150678	1513231038	ANMOL SRIVASTAVA	A
42	150185	1513231039	ANSHU RAJ	P
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44	151184	1513231041	ANUJ BANSAL	P
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46	150855	1513231043	ANUPAM VERMA	P
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49	150361	1513231047	ARUN KUMAR	P
50	151024	1513231048	ASHISH KUMAR AVINASH	P
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158	151199	1513231195	VIKRAM SOLANKI	P
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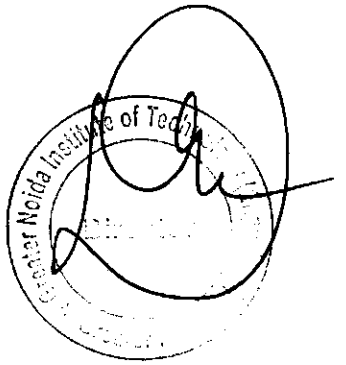
164	151220	1513231903	RAVINDER	P



ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Ref: - No. GNIOT/ECE/EVEN/Events/04

Date: 16.02.2018

NOTICE

This is to inform the 2nd and 3rd year students that as per the academic calendar the department are organizing an expert lecture for the current semester, continuing the same practice you are all informed that "Expert talk on IOT Applications **"on 16th February 2018.**

The students are requested to Present in full strength and take the maximum benefits of the talk.

Dr. Shelly Garg

HOD, ECE

Expert Talk on

"IOT Applications"

16th Feb, 2018
(11:30 AM to 12:30 PM)

Organized by

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

GNIOT
Since 2001

Institution's Innovation Council

Greater Noida Institute of Technology (GNIOT)

(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

COURSE No. & TITLE:
Expert talk on Energy Efficient Wireless Sensor Networks.

PARTICIPANTS:

2nd and 3rd Year Students & Faculty members of departments, B.Tech ECE.

OBJECTIVES:

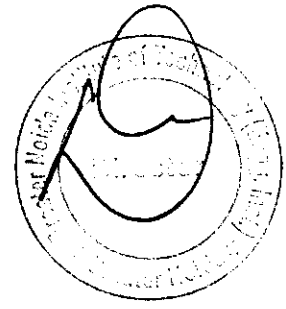
- To understand the latest trends in IoT.
- To understand the basics of Wireless Sensor Network.
- To understand the research gaps in the Wireless Sensor Network.
- To understand the various methodologies implemented in the existing studies to overcome the research challenges.
- To motivate the students for the research and designing innovative projects.
- To establish function ecosystem for scouting ideas and pre-incubation of ideas.
- To develop better cognitive ability among students.

Venue: Seminar Hall, 1st floor
Date: 16thFebuary 2018
Time:11.30 AM Onwards

Expert:

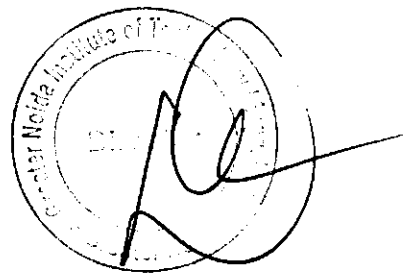
Dr. Suneet Kumar Gupta, Professor in School of Computer Science Engineering and Technology, Bennett University, Greater Noida, India.

Profile of the Expert



Dr. Suneet Kumar Gupta is professor in School of Computer Science Engineering and Technology, Bennett University, Greater Noida, India. He has completed wireless sensor network based project funded by the Department of

Science and Technology, Uttar Pradesh. Dr. Suneet Kumar Gupta is also a part of a project funded by the Royal Academy of Science London titled with Leadingindia.ai. Under this project, he has organized 70 workshops on deep learning and the Internet of Things (IoT). He has more than 80 publications with more than 1700 citations and Google -index of 21. His current research interests are wireless sensor networks, the Internet of Things, natural language processing, and brain-computer interaction. Dr. Suneet Kumar Gupta is a Reviewer of many international journals, including Computer Networks, Wireless Personal Communications, Information Sciences,
and IEEE Transactions.



Report

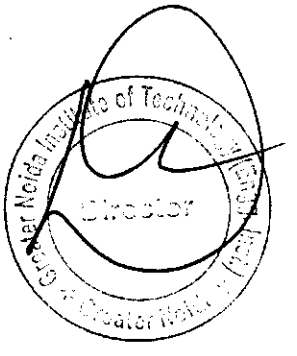
Event Name: IoT Applications
Date: 16th Febuary, 2018
Resource Person: Dr. Suneet Kumar Gupta

Department of ECE in association with *Institution's innovations council (IIC) organized an expert talk on "IoT Applications"* on 16th Febuary, 2018 from 11:30 AM onwards in Seminar hall,1st floor. Dr. Suneet Kumar Gupta, Professor, Benett University was invited as the eminent speaker. Around 60 students of 2nd and 3rd year (BTech ECE) participated in the event, which also created a tech environment in the department The event started with the lamp lighting ceremony by the Dr. Rohit Garg, Director, Dr. Suneet Gupta (Expert Speaker), Dr. Shelly Garg (HOD ECE), and the faculty members.

At first, Dr. Anuranjan Mishra, Dean Incubation Centre, Innovation Ambassador, MoE, Govt. of India, interacted with the students and highlighted the importance of IIC. Afterwards, Dr. Sunnet Kumar Gupta delivered a presentation on "Energy Efficient Wireless Sensor Network" where he discussed the basics of sensor network, wireless sensor network and transmission mechanism. He also discussed his research work and explained the an energy efficient algorithm designed by him to fulfill the research gap in the domain.

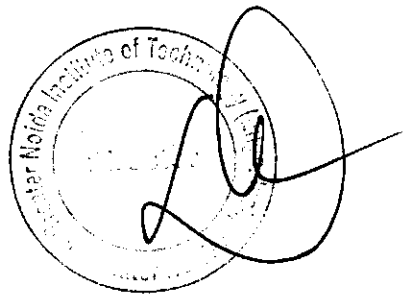
Dr. Suneet Kumar Gupta discussed various IoT- based projects in the presentation. The presentation concluded with the discussion of future work which students can carry out in their research. The Event was backed –up from the participant end with an interactive Question and Answer session. The event came to end with a vote of thanks which was given by Dr. Shelly Garg.

We would like to extend a heartfelt thanks to GNIOT Management and Dr. Rohit Garg, Director, for giving us the opportunity to organize this event. A special thanks to Dr. Sudhir Kumar, Dean (R&D) for gracing the event with his presence. We're also thankful to Dr. Shelly Garg (HOD-ECE) for his valuable inputs and necessary support.



Outcome of the Program

1. Students get to know the various innovative projects that they can opt for in their semester.
2. Students also became aware of the technical and financial support provided by IIC.
3. Students gained experience of how the Innovation activities are executed.
4. Students also became aware of the research gaps which exist in the domain of wireless sensor networks.
5. Students also became aware of the practices to be adopted in order to make their sensor network efficient.



Greater Noida Institute of Technology, Gr. Noida
Electronics & Communication Engineering Department
Student List (EC-2A)

S.No.	I.D. No.	UPTU Roll No	Student Name	A/P
1	150838	1513231010	ABHISHEK PANDEY	P
2	151260	1513231014	ADITYA CHANDRA	P
3	150364	1513231017	AJIT ALANKAR	P
4	150289	1513231025	AMAR NATH JHA	P
5	150981	1513231034	ANJALI HONEY	P
6	150302	1513231044	ANURAG ANAND	A
7	150714	1513231056	DEEPA VERMA	P
8	150151	1513231060	DEVESH KUMAR JHA	P
9	150961	1513231063	DHARMENDRA YADAV	P
10	150654	1513231080	KAMLESH KUMAR TIWARI	P
11	151276	1513231091	MAHMOOD ALI	P
12	151339	1513231101	MILAN KUMAR SINGH	P
13	150047	1513231106	NANDAN	A
14	150563	1513231114	NITIN RAJ	A
15	150991	1513231129	PRAVEEN SINGH	P
16	150138	1513231167	SHREY SINGH	P
17	150117	1513231170	SHUBHAM MISHRA	P
18	150776	1513231173	SHWETANK	A
19	150548	1513231201	VIVEK MAJHWAR	P
20	160098	1613231001	ABHISHEK ANAND	P
21	160939	1613231002	ABHISHEK KUMAR	P
22	160215	1613231003	ABHISHEK KUMAR RAY	P
23	160030	1613231004	ABHISHEK KUMAR SINGH	P
24	160229	1613231005	ABHISHEK YADAV	A
25	160177	1613231006	ADITYA KUMAR VERMA	A
26	160591	1613231007	AKHIL SHARMA	P
27	160810	1613231008	AKRIT PRASAD	P
28	160501	1613231009	AKSHANSH KULASARI	P
29	160533	1613231010	ALOK DWIVEDI	P
30	160251	1613231011	AMAN KUMAR PANDEY	P
31	160182	1613231012	AMAN KUMAR SHARMA	A
32	160388	1613231013	AMEY RAJ JAISWAL	A
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44	160290	1613231027	ASHWINI KUMAR	P
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46	160545	1613231029	AZEEM NAZIM	P
47	160356	1613231030	BIJENDER YADAV	P
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121	160780	1613231116	SMIT KANJARIYA	P
122	160130	1613231117	SONI KUMARI	P
123	160681	1613231118	SONI KUMARI	A
124	160526	1613231119	SOURABH CHAKRABARTY	A
125	160139	1613231120	SUDHANSHU BHARDWAJ	A
126	160936	1613231122	SUSHANT TIWARI	P
127	160832	1613231123	SUSHMA RANI	P
128	160680	1613231124	SWATI KUMARI	P
129	160879	1613231125	TANYA ROY	P
130	160635	1613231126	TINKU	P
131	160060	1613231127	UJJWAL KUMAR SINGH	A
132	160222	1613231128	VIKAS SHUKLA	A
133	160600	1613231129	VIKASH YADAV	A
134	160649	1613231130	VIMAL KUMAR PAL	P
135	160256	1613231131	VIRENDRA SINGH	P
136	160220	1613231132	VIVEK SHARMA	P
137	160352	1613231905	VINEET KUMAR	P
138	160923	1613240064	JITENDRA YADAV	A
139	170596	1713231901	AVANTIKA SINGH	P
140	170513	1713231902	BRIJESH KUMAR	P
141	170614	1713231903	DILER KHAN	P
142	170197	1713231904	PRIYA BHARTI	A

Greater Noida Institute of Technology, Gr. Noida
Electronics & Communication Engineering Department
Student List

S.No.	I.D. No.	UPTU Roll No	Student Name	A / P
1	130461	1313231126	RAJA RAJESH	P
2	140450	1413231001	AALIYA MISBAH	P
3	140470	1413231011	ADITYA NARAYAN SRIVASTAVA	P
4	140476	1413231020	ANKUR ARUN SINGH	P
5	214193	1413231040	GYAN PRAKASH	A
6	214153	1413231060	NADEEM ALI	A
7	140499	1413231061	NAVEEN SINGH	A
8	214159	1413231069	NITISH KUMAR	P
9	140493	1413231079	PRASHANT KUMAR	P
10	214199	1413231095	REWA SHANKAR YADAV	P
11	214144	1413231110	SANDEEP KUMAR	P
12	214166	1413231119	SAURAV NITI	P
13	140462	1413231139	SUMIT MAHALWAR	P
14	140504	1413231146	UTPAL KUMAR	A
15	140501	1413231158	VIVEK KUMAR	A
16	214175	1413231159	VIVEK KUMAR SINGH	A
17	150579	1513200132	MOKSHITA BANSAL	P
18	150508	1513231003	AASTHA PATHAK	P
19	150162	1513231004	ABHAYANAND	P
20	151125	1513231005	ABHIJEET JAISWAL	P
21	150611	1513231006	ABHINAV KUMAR	P
22	150317	1513231008	ABHISHEK KUMAR	P
23	150320	1513231009	ABHISHEK KUMAR	A
24	150925	1513231011	ABHISHEK PRATAP SINGH	A
25	150753	1513231012	ABHISHEK SINGH	P
26	150849	1513231015	AISHA ALAM	P
27	151053	1513231016	AJEET KUMAR SHUKLA	P
28	150908	1513231018	AKASH AGRAWAL	P
29	151015	1513231019	AKASH KUMAR GUPTA	A
30	150854	1513231020	AKSHAY CHOUDHARY	A
31	150582	1513231023	AKSHIKA GUPTA	P
32	151230	1513231024	AMAN RAJ	P
33	150214	1513231026	AMBER RAJ	P
34	150297	1513231028	ANAND KUMAR	P
35	150757	1513231029	ANAND RAI	A
36	151284	1513231031	ANIKET KUMAR	A
37	150723	1513231032	ANIKET YADAV	A
38	150344	1513231033	ANISH KUMAR SINGH	A
39	150985	1513231035	ANKIT KUMAR ARYA	P
40	150288	1513231037	ANKIT KUMAR SINGH	P
41	150678	1513231038	ANMOL SRIVASTAVA	P
42	150185	1513231039	ANSHU RAJ	A
43	150662	1513231040	ANUBHAV ANURAGI	A
44	151184	1513231041	ANUJ BANSAL	P
45	150327	1513231042	ANUJ KUMAR	P
46	150855	1513231043	ANUPAM VERMA	P
47	150832	1513231045	ANUSHRUTI SINGH	A

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Greater Noida Institute of Technology (Engg. Inst.) * Greater Noida *

48	150129	1513231046	ARBAZ AHMAD	P
49	150361	1513231047	ARUN KUMAR	P
50	151024	1513231048	ASHISH KUMAR AVINASH	P
51	150228	1513231049	ASHISH SAXENA	A
52	150632	1513231051	AVINASH VISHWAKARMA	A
53	150269	1513231052	AYUSHI SRIVASTAVA	A
54	150478	1513231053	CHANDAN JHA	P
55	150540	1513231054	CHANDAN KUMAR	P
56	150566	1513231057	DEEPAK KUMAR	P
57	150918	1513231058	DEEPAK KUMAR TIWARI	P
58	150948	1513231059	DEEPSHREE	P
59	150987	1513231061	DEV NATH YADAV	A
60	150203	1513231064	DHEERAJ SHUKLA	A
61	150533	1513231065	DHIRENDRA KUMAR	A
62	150819	1513231067	EKTA	P
63	150551	1513231068	ESHITA JAISWAL	P
64	150634	1513231071	GAURAV KUMAR	P
65	150663	1513231072	HARSH VARDHAN	A
66	150272	1513231073	HASAN IMAM	P
67	150435	1513231074	HIMANSHU GUPTA	P
68	150549	1513231075	HIMANSHU NAUTIYAL	P
69	151048	1513231076	IQARAR AHEMAD	P
70	150992	1513231077	IRSHITA	A
71	150373	1513231078	JITENDER KUMAR	A
72	150917	1513231079	KAJAL	P
73	150099	1513231081	KAUSAR PARWEEN	P
74	150550	1513231082	KAUSHAL SINGH	P
75	150482	1513231083	KM ARCHANA SONKER	P
76	150616	1513231085	KOMAL BHARTI	A
77	150273	1513231086	KULDEEP SINGH	A
78	151028	1513231087	KUMAR KISHLAY	P
79	151239	1513231088	KUMARI PALAK	P
80	150699	1513231089	KUNAL PRIYADARSHI	P
81	150230	1513231092	MANIKANT KUMAR	P
82	150325	1513231093	MANIKARNIKA RANI	A
83	150824	1513231094	MANISH KUMAR PANDEY	P
84	150736	1513231095	MANISH RANJAN	P
85	150607	1513231096	MANORMA PAL	A
86	150365	1513231098	MD ASIF RASHID	P
87	150535	1513231102	MOHAMMAD SHARIQ	A
88	151056	1513231103	MOHD SAJID KHAN	P
89	150337	1513231107	NAVDEEP SRIVASTAV	P
90	150565	1513231108	NAVNEET KUMAR SINGH	A
91	150409	1513231110	NEERAJ DIXIT	P
92	150673	1513231111	NIGAM KUMAR	A
93	150371	1513231112	NISHA SINGH	P
94	151318	1513231113	NITESH KUMAR CHAURASIYA	A
95	150831	1513231115	OMVIR SINGH	P
96	150313	1513231116	PANKAJ KUMAR	P
97	150598	1513231117	PARAS KUMAR VERMA	P
98	150055	1513231118	PAWAN GOYAL	A

99	150210	1513231120	PRAGYA SINGH	P
100	150512	1513231121	PRAJWAL TYAGI	P
101	151191	1513231122	PRASHANT CHAUBEY	P
102	151183	1513231123	PRASHANT SINGH MAHARA	P
103	150521	1513231124	PRATIK KUMAR	P
104	150321	1513231125	PRATIK MISHRA	P
105	150287	1513231127	PRATYUSH GAUTAM	P
106	150399	1513231128	PRAVEEN KUMAR CHAUBEY	A
107	150581	1513231131	RAHAT ALI KHAN	A
108	150578	1513231132	RAHUL ROY	A
109	150292	1513231134	RAHUL KUMAR	P
110	150112	1513231135	RAHUL KUMAR SHARMA	P
111	151110	1513231136	RAHUL RAJ PATHAK	P
112	150993	1513231137	RAJ KUMAR NISHAD	P
113	150657	1513231138	RAJAT PRAKASH RAI	A
114	150603	1513231141	RAJKUMAR PRASAD	A
115	150158	1513231142	RAJNISH KUMAR	A
116	150022	1513231143	RAKESH KUMAR	P
117	150641	1513231145	RAVI RANJAN SINGH	P
118	151113	1513231146	RAVI RANJAN SINGH	P
119	150363	1513231147	RAVISHANKAR SINGH	P
120	150668	1513231148	RISHAV KUMAR	P
121	150396	1513231149	RISHIKESH PANDEY	P
122	150828	1513231150	RISHU	P
123	150537	1513231151	RITESH KUMAR SWARNKAR	A
124	150553	1513231152	ROHIT	A
125	150454	1513231153	ROHIT MISHRA	P
126	151061	1513231154	RONIT SHARMA	P
127	150314	1513231155	SAFDAR MAHFOOZ	P
128	150558	1513231157	SALONI GUJRE	P
129	150729	1513231158	SASHESH MADAN	A
130	150225	1513231159	SAUMYA KUMARI JHA	A
131	150340	1513231160	SHAHBAZ AFGHAN KHAN	P
132	150216	1513231161	SHAILENDRA PATEL	P
133	150504	1513231163	SHIKHA TIWARI	P
134	150303	1513231164	SHIVAM	P
135	150774	1513231165	SHIVAM GOPAL	A
136	151077	1513231166	SHOMYA	A
137	150784	1513231168	SHRUTI RAI	P
138	151148	1513231169	SHUAB	P
139	150294	1513231172	SHUBHAM VISHNOI	P
140	150541	1513231174	SIDDHANT SARASWAT	A
141	150479	1513231175	SIDDHARTH PANDEY	A
142	151211	1513231176	SIDHARTH SHARMA	P
143	150781	1513231177	SONAL SHARMA	A
144	150300	1513231178	SONU KUMAR	P
145	150096	1513231180	SRIDHI CHATURVEDI	A
146	150593	1513231181	SRIJA	P
147	150149	1513231182	SUDHAKAR RANJAN	P
148	150470	1513231183	SUMAN KUMAR SINGH	P
149	150400	1513231184	SUMIT CHAUHAN	P

150	[illegible]	1513231185	SURAJ SINGH	P
151	150844	1513231186	SURYAKANT BISHT	P
152	150597	1513231187	TANU SINGH KASHYAP	P
153	150807	1513231188	TARUN SRIVASTAV	P
154	151234	1513231189	TUSHA SINGH	P
155	150617	1513231191	UJJWAL AKASH	A
156	150547	1513231192	VARTIKA SRIVASTAVA	A
157	150183	1513231193	VEDANT KUMAR SINGH	A
158	151199	1513231195	VIKRAM SOLANKI	P
159	150841	1513231197	VISHAL DUBEY	P
160	150057	1513231199	VISHAL SINGH	P
161	150545	1513231200	VISHWAJIT KUMAR TIWARI	P
162	150358	1513231202	YASH KUMAR	A
163	150461	1513231203	YASHVARDHAN SHUKLA	A
164	151220	1513231903	RAVINDER	P

Greater Noida Institute of Technology
Director
Greater Noida

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Ref: - No. GNIOT/ECE/EVEN/Events/03

Date: 26.03.2018

NOTICE

This is to inform the 2nd and 3rd yearstudents that as per the academic calendar the department are organizing an expert talk for the current semester, continuing the same practice you all are informed that "Awareness program on how to get higher package jobs in core areas"**on 26th March 2018.**

The students are requested to Present in full strength and take the maximum benefits of the talk.

Dr. Shelly Garg

HOD, ECE

Expert Talk
on

"How to get higher package jobs in core area"

26th March 2018
(11:30 AM to 12:30 PM)

Organized by

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

GNIOT
Group of Institutions
Since 2001

Institution's Innovation Council

Greater Noida Institute of Technology (GNIOT)

(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

COURSE No. & TITLE:
"How to get higher package jobs in core area"

PARTICIPANTS:

2nd and 3rd Year Students & Faculty members of departments, B.Tech ECE

OBJECTIVES:

- To include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
- To include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.
- To include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- To develop better cognitive ability among students.

Venue: Seminar Hall, 1st floor
Date: 26th March 2018
Time:11.30 AM Onwards

Expert: Ms. Sweta Sahu, Centre Director of T.I.M.E, Gr. NOIDA.

Profile of the Expert

Ms. Sweta Sahu is a BSc graduate and has her MBA from Dayanand Sagar College from Banglore in Marketing and Sales. She has more than 4 years of experience working for major banks like HDFC and IDBI. She left her corporate career to pursue her passion in the education sector and Joined TIME Greater Noida as Admission Director, meanwhile help hundreds of students to get admission in top B-schools. After more than 7 years of association with T.I.M.E greater Noida, she moved on to become the Centre Director of T.I.M.E Greater Noida. Ms. Sweta has a keen interest in socializing and traveling.

Report

Event Name:
Awareness Program on How to Get Higher Package Jobs in Core Areas
Date: 26th March, 2018
Resource Person: Ms. Sweta Sahu

Department of ECE in association with Institution's innovations council (IIC) organized an expert talk on "Awareness program on how to get higher package jobs in core areas" on 26th March, 2018 from 10:30 AM onwards in Seminar hall,1st floor. Ms. Sweta Sahu, Centre Director of T.I.M.E. Gr. NOIDA was invited as the eminent speaker. Around 60 students of 2nd and 3rd year (BTech ECE) participated in the event, which also created a tech environment in the department The event started with the lamp lighting ceremony by the Dr. Rohit Garg, Director, Ms. Sweta Sahu (Expert Speaker), Dr. Shelly Garg (HOD ECE), and the faculty members.

At first, Dr. Anuranjan Mishra, Dean Incubation Centre, Innovation Ambassador, MoE, Govt. of India, interacted with the students and highlighted the importance of IIC. Afterwards, Ms. Sweta Sahu delivered a presentation on "Awareness program on how to get higher package jobs in core areas" Importance of Career Planning. Various Career options available after Graduation. Traditional Versus Offbeat Career Option. Job Avenues and Future Scope in Various Career Options and the Important Entrance Exams.

Ms. Sweta Sahu discussed various carrier options in core areas in the presentation. The presentation concluded with the discussion of future plans which students can carry out in their carrier. The Event was backed –up from the participant end with an interactive Question and Answer session. The event came to end with a vote of thanks which was given by Dr Shelly Garg.

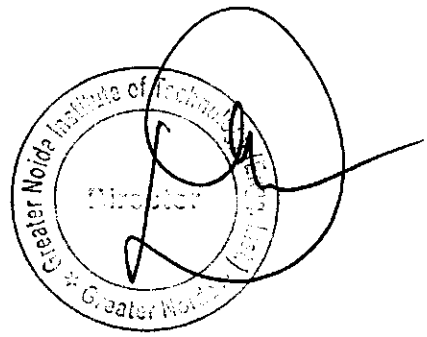
We would like to extend a heartfelt thanks to GNIOT Management and Dr. Rohit Garg, Director, for giving us the opportunity to organize this event. A special thanks to Dr. Sudhir Kumar, Dean (R&D) for gracing the event with his presence. We're also thankful to *Dr. Shelly Garg (HOD-ECE) for his valuable inputs and necessary support.

Outcome of the Program

1. Students get to know the various core areas that they can opt for in their semester.
2. Students also became aware of the technical and financial support provided by IIC.
3. Students gained experience of how to get various carrier oppurtunites.

Director

4. Students also became aware of the core areas which exist in the domain of Engineering.
5. Students also became aware of the practices to be adopted in order to make their future fruitful.



Greater Noida Institute of Technology, Gr. Noida
Electronics & Communication Engineering Department
Student List (EC-2)

S.No.	I.D. No.	UPTU Roll No	Student Name	A/P
1	150838	1513231010	ABHISHEK PANDEY	P
2	151260	1513231014	ADITYA CHANDRA	P
3	150364	1513231017	AJIT ALANKAR	P
4	150289	1513231025	AMAR NATH JHA	P
5	150981	1513231034	ANJALI HONEY	A
6	150302	1513231044	ANURAG ANAND	A
7	150714	1513231056	DEEPA VERMA	P
8	150151	1513231060	DEVESH KUMAR JHA	P
9	150961	1513231063	DHARMENDRA YADAV	A
10	150654	1513231080	KAMLESH KUMAR TIWARI	A
11	151276	1513231091	MAHMOOD ALI	A
12	151339	1513231101	MILAN KUMAR SINGH	A
13	150047	1513231106	NANDAN	P
14	150563	1513231114	NITIN RAJ	P
15	150991	1513231129	PRAVEEN SINGH	P
16	150138	1513231167	SHREY SINGH	P
17	150117	1513231170	SHUBHAM MISHRA	P
18	150776	1513231173	SHWETANK	P
19	150548	1513231201	VIVEK MAJHWAR	P
20	160098	1613231001	ABHISHEK ANAND	A
21	160939	1613231002	ABHISHEK KUMAR	A
22	160215	1613231003	ABHISHEK KUMAR RAY	A
23	160030	1613231004	ABHISHEK KUMAR SINGH	A
24	160229	1613231005	ABHISHEK YADAV	P
25	160177	1613231006	ADITYA KUMAR VERMA	P
26	160591	1613231007	AKHIL SHARMA	A
27	160810	1613231008	AKRIT PRASAD	P
28	160501	1613231009	AKSHANSH KULASARI	P
29	160533	1613231010	ALOK DWIVEDI	P
30	160251	1613231011	AMAN KUMAR PANDEY	P
31	160182	1613231012	AMAN KUMAR SHARMA	P
32	160388	1613231013	AMEY RAJ JAISWAL	P
33	160124	1613231014	AMIT KUMAR	P
34	160401	1613231015	AMIT KUMAR SHUKLA	P
35	160792	1613231016	ANJALI PATHAK	P
36	160238	1613231017	ANJULA	A
37	160250	1613231019	ANKIT KUMAR PANDEY	P
38	160190	1613231020	ANKIT KUMAR SRIVASTAVA	A
39	160144	1613231021	ANMOL UPADHYAY	P
40	160467	1613231023	APRAJITA	A
41	160278	1613231024	ARJU RAJ	P
42	160998	1613231025	ASHISH CHAUHAN	P
43	160231	1613231026	ASHISH KOUNDAL	P
44	160290	1613231027	ASHWINI KUMAR	P
45	160698	1613231028	AVINASH KUMAR	P
46	160546	1613231029	AZEEM NAZIM	P
47	160356	1613231030	BIJENDER YADAV	A
48	160801	1613231031	BINITH ROY	P
49	160152	1613231033	DEEPAK SINGH	A
50	160201	1613231034	DEEPAK KUMAR SINGH	P

51	160687	1613231035	DEVESH MAURYA	P
52	160384	1613231036	DIPENDRA KUMAR	P
53	160347	1613231037	DIVYANSHA VATS	P
54	160980	1613231038	FARHEEN SOHAIL	P
55	160880	1613231040	GAURAV KUMAR	P
56	160802	1613231042	HAMZA ANSARI	A
57	160618	1613231043	HARIOM KUMAR	A
58	160354	1613231044	JATIN CHOUDHARY	P
59	160861	1613231045	JAYTI	P
60	160099	1613231046	KARTIKEY ANAND	A
61	160006	1613231048	KM ZUBI	A
62	160641	1613231049	KRITI SINGH	P
63	160212	1613231050	KUNDAN YADAV	P
64	160327	1613231051	MANASH	P
65	160160	1613231052	MANISH KUMAR	P
66	160563	1613231053	MANISH YADAV	A
67	160308	1613231054	MANJEET YADAV	A
68	160443	1613231055	MD ALTAF RJA	P
69	160436	1613231056	MD FAIZUL ISLAM	P
70	160678	1613231058	MD QUTBUDDIN	P
71	160800	1613231059	MOHD AMZAD KHAN	A
72	160108	1613231060	MUNISH SINGH BISHT	P
73	160898	1613231061	NEHA KUMARI	P
74	160850	1613231062	NISHANT KUMAR	P
75	160511	1613231063	NITISH KUMAR GIRI	A
76	160400	1613231064	NITLESH PATEL	P
77	160171	1613231065	PANKAJ KUMAR PANDEY	P
78	160109	1613231066	PAPPU KUMAR	A
79	160638	1613231067	PIYUSH SINGH	A
80	160246	1613231068	PRAKASH KUMAR	A
81	160132	1613231070	PRANJAL ASTHANA	A
82	160508	1613231071	PRASHANT RAJ	P
83	160534	1613231072	PRATYNCHA PRACHI	P
84	160292	1613231074	PREM KUMAR	A
85	160520	1613231075	PRITESH KUMAR	P
86	160766	1613231076	PRIYA RANJAN KUMAR	P
87	160592	1613231077	RAHUL RAJ	A
88	160572	1613231078	RAHUL KUMAR RANJAN	P
89	160824	1613231079	RAHUL SHARMA	P
90	160447	1613231080	RAJESH KUMAR	A
91	160476	1613231081	RAJU	A
92	160151	1613231082	RAM GOPAL	A
93	160172	1613231083	RAVI RAUSHAN	P
94	160745	1613231084	RINAL AKSH	P
95	160524	1613231085	RITESH KUMAR	P
96	160668	1613231086	RIYA CHAUDHARY	A
97	160609	1613231087	RIYA SINHA	A
98	160100	1613231088	ROHIT KUMAR	A
99	160268	1613231089	ROHIT KUMAR	P
100	160269	1613231090	ROHIT KUMAR GUPTA	P
101	160158	1613231092	SAKSHI RATURI	P
102	160192	1613231093	SAMIR KUMAR	A
103	160131	1613231094	SANDEEP KUMAR	P
104	160506	1613231095	SANJANA KANOJIA	P

105	160767	1613231097	SATISH KUMAR JHA	P
106	160192	1613231098	SAURABH YADAV	P
107	161011	1613231099	SAURAV JHA	P
108	160134	1613231100	SAURAV KARMAKAR	P
109	160207	1613231101	SHAHNAWAZ ALAM	A
110	160864	1613231102	SHAHRUKH ANSARI	A
111	160173	1613231104	SHANI KUMAR MAURYA	A
112	160828	1613231106	SHIVANI GARG	A
113	160926	1613231107	SHOBHIT VERMA	P
114	160306	1613231108	SHRADHA SINGH	P
115	160518	1613231109	SHRAWAN KUMAR	A
116	160033	1613231110	SHREYASHI SEKHAR	A
117	160967	1613231111	SHUBHAM	A
118	160732	1613231112	SHUBHAM RAJ	A
119	160136	1613231113	SHUBHAM SINGH	P
120	160868	1613231115	SWETA RANI	P
121	160780	1613231116	SMIT KANJARIYA	P
122	160130	1613231117	SONI KUMARI	P
123	160681	1613231118	SONI KUMARI	P
124	160526	1613231119	SOURABH CHAKRABARTY	P
125	160139	1613231120	SUDHANSHU BHARDWAJ	P
126	160936	1613231122	SUSHANT TIWARI	P
127	160832	1613231123	SUSHMA RANI	A
128	160680	1613231124	SWATI KUMARI	P
129	160879	1613231125	TANYA ROY	P
130	160635	1613231126	TINKU	P
131	160060	1613231127	UJJWAL KUMAR SINGH	P
132	160252	1613231128	VIKAS SHUKLA	P
133	160600	1613231129	VIKASH YADAV	P
134	160649	1613231130	VIMAL KUMAR PAL	P
135	160256	1613231131	VIRENDRA SINGH	P
136	160220	1613231132	VIVEK SHARMA	P
137	160352	1613231905	VINEET KUMAR	P
138	160923	1613240064	JITENDRA YADAV	P
139	170596	1713231901	AVANTIKA SINGH	P
140	170513	1713231902	BRIJESH KUMAR	P
141	170614	1713231903	DILER KHAN	P
142	170197	1713231904	PRIYA BHARTI	P

Greater Noida Institute of Technology, Gr. Noida
Electronics & Communication Engineering Department
Student List

S.No.	I.D. No.	UPTU Roll No	Student Name	A / P
1	130461	1313231126	RAJA RAJESH	P
2	140450	1413231001	AALIYA MISBAH	P
3	140470	1413231011	ADITYA NARAYAN SRIVASTAVA	P
4	140476	1413231020	ANKUR ARUN SINGH	P
5	214193	1413231040	GYAN PRAKASH	P
6	214153	1413231060	NADEEM ALI	P
7	140499	1413231061	NAVEEN SINGH	P
8	214159	1413231069	NITISH KUMAR	P
9	140493	1413231079	PRASHANT KUMAR	A
10	214199	1413231095	REWA SHANKAR YADAV	A
11	214144	1413231110	SANDEEP KUMAR	A
12	214166	1413231119	SAURAV NITI	A
13	140462	1413231139	SUMIT MAHALWAR	A
14	140504	1413231146	UTPAL KUMAR	A
15	140501	1413231158	VIVEK KUMAR	P
16	214175	1413231159	VIVEK KUMAR SINGH	P
17	150579	1513200132	MOKSHITA BANSAL	P
18	150508	1513231003	AASTHA PATHAK	P
19	150162	1513231004	ABHAYANAND	P
20	151125	1513231005	ABHIJEET JAISWAL	P
21	150611	1513231006	ABHINAV KUMAR	A
22	150317	1513231008	ABHISHEK KUMAR	A
23	150320	1513231009	ABHISHEK KUMAR	P
24	150925	1513231011	ABHISHEK PRATAP SINGH	P
25	150753	1513231012	ABHISHEK SINGH	P
26	150849	1513231015	AISHA ALAM	P
27	151053	1513231016	AJEET KUMAR SHUKLA	A
28	150908	1513231018	AKASH AGRAWAL	A
29	151015	1513231019	AKASH KUMAR GUPTA	P
30	150854	1513231020	AKSHAY CHOUDHARY	P
31	150582	1513231023	AKSHIKA GUPTA	A
32	151230	1513231024	AMAN RAJ	A
33	150214	1513231026	AMBER RAJ	P
34	150297	1513231028	ANAND KUMAR	P
35	150757	1513231029	ANAND RAI	P
36	151284	1513231031	ANIKET KUMAR	A
37	150723	1513231032	ANIKET YADAV	A
38	150344	1513231033	ANISH KUMAR SINGH	P
39	150985	1513231035	ANKIT KUMAR ARYA	P
40	150288	1513231037	ANKIT KUMAR SINGH	P
41	150678	1513231038	ANMOL SRIVASTAVA	P
42	150185	1513231039	ANSHU RAJ	P
43	150662	1513231040	ANUBHAV ANURAGI	A
44	151184	1513231041	ANUJ BANSAL	A
45	150327	1513231042	ANUJ KUMAR	P
46	150855	1513231043	ANUPAM VERMA	P
47	150832	1513231045	ANUSHRUTI SINGH	P

48	150129	1513231046	ARBAZ AHMAD	P
49	150361	1513231047	ARUN KUMAR	P
50	151024	1513231048	ASHISH KUMAR AVINASH	P
51	150228	1513231049	ASHISH SAXENA	P
52	150632	1513231051	AVINASH VISHWAKARMA	P
53	150269	1513231052	AYUSHI SRIVASTAVA	P
54	150478	1513231053	CHANDAN JHA	A
55	150540	1513231054	CHANDAN KUMAR	P
56	150566	1513231057	DEEPAK KUMAR	A
57	150918	1513231058	DEEPAK KUMAR TIWARI	A
58	150948	1513231059	DEEPSHREE	P
59	150987	1513231061	DEV NATH YADAV	P
60	150203	1513231064	DHEERAJ SHUKLA	P
61	150533	1513231065	DHIRENDRA KUMAR	A
62	150819	1513231067	EKTA	P
63	150551	1513231068	ESHITA JAISWAL	A
64	150634	1513231071	GAURAV KUMAR	A
65	150663	1513231072	HARSH VARDHAN	A
66	150272	1513231073	HASAN IMAM	A
67	150435	1513231074	HIMANSHU GUPTA	P
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70	150992	1513231077	IRSHITA	P
71	150373	1513231078	JITENDER KUMAR	P
72	150917	1513231079	KAJAL	P
73	150099	1513231081	KAUSAR PARWEEN	P
74	150550	1513231082	KAUSHAL SINGH	A
75	150482	1513231083	KM ARCHANA SONKER	P
76	150616	1513231085	KOMAL BHARTI	A
77	150273	1513231086	KULDEEP SINGH	P
78	151028	1513231087	KUMAR KISHLAY	P
79	151239	1513231088	KUMARI PALAK	A
80	150699	1513231089	KUNAL PRIYADARSHI	A
81	150230	1513231092	MANIKANT KUMAR	A
82	150325	1513231093	MANIKARNIKA RANI	P
83	150824	1513231094	MANISH KUMAR PANDEY	P
84	150736	1513231095	MANISH RANJAN	A
85	150607	1513231096	MANORMA PAL	A
86	150365	1513231098	MD ASIF RASHID	A
87	150535	1513231102	MOHAMMAD SHARIQ	A
88	151056	1513231103	MOHD SAJID KHAN	P
89	150337	1513231107	NAVDEEP SRIVASTAV	P
90	150565	1513231108	NAVNEET KUMAR SINGH	P
91	150409	1513231110	NEERAJ DIXIT	P
92	150673	1513231111	NIGAM KUMAR	P
93	150371	1513231112	NISHA SINGH	P
94	151318	1513231113	NITESH KUMAR CHAURASIYA	P
95	150831	1513231115	OMVIR SINGH	P
96	150313	1513231116	PANKAJ KUMAR	P
97	150598	1513231117	PARAS KUMAR VERMA	P
98	150055	1513231118	PAWAN GOYAL	P

99	150210	1513231120	PRAGYA SINGH	P
100	150512	1513231121	PRAJWAL TYAGI	P
101	151191	1513231122	PRASHANT CHAUBEY	P
102	151183	1513231123	PRASHANT SINGH MAHARA	P
103	150521	1513231124	PRATIK KUMAR	P
104	150321	1513231125	PRATIK MISHRA	P
105	150287	1513231127	PRATYUSH GAUTAM	P
106	150399	1513231128	PRAVEEN KUMAR CHAUBEY	P
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111	151110	1513231136	RAHUL RAJ PATHAK	P
112	150993	1513231137	RAJ KUMAR NISHAD	A
113	150657	1513231138	RAJAT PRAKASH RAI	A
114	150603	1513231141	RAJKUMAR PRASAD	P
115	150158	1513231142	RAJNISH KUMAR	A
116	150022	1513231143	RAKESH KUMAR	A
117	150641	1513231145	RAVI RANJAN SINGH	P
118	151113	1513231146	RAVI RANJAN SINGH	A
119	150363	1513231147	RAVISHANKAR SINGH	P
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121	150396	1513231149	RISHIKESH PANDEY	P
122	150828	1513231150	RISHU	P
123	150537	1513231151	RITESH KUMAR SWARNKAR	P
124	150553	1513231152	ROHIT	P
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126	151061	1513231154	RONIT SHARMA	P
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129	150729	1513231158	SASHESH MADAN	P
130	150225	1513231159	SAUMYA KUMARI JHA	P
131	150340	1513231160	SHAHBAZ AFGHAN KHAN	A
132	150216	1513231161	SHAILENDRA PATEL	P
133	150504	1513231163	SHIKHA TIWARI	P
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137	150784	1513231168	SHRUTI RAI	P
138	151148	1513231169	SHUAB	P
139	150294	1513231172	SHUBHAM VISHNOI	A
140	150541	1513231174	SIDDHANT SARASWAT	P
141	150479	1513231175	SIDDHARTH PANDEY	A
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143	150781	1513231177	SONAL SHARMA	A
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145	150096	1513231180	SRIDHI CHATURVEDI	P
146	150593	1513231181	SRIJA	P
147	150149	1513231182	SUDHAKAR RANJAN	A
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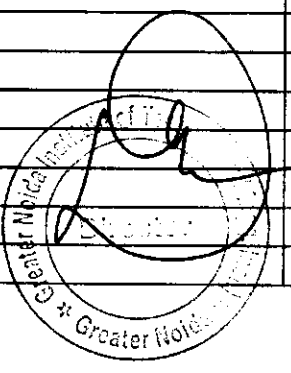

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151	150844	1513231186	SURYAKANT BISHT	P
152	150597	1513231187	TANU SINGH KASHYAP	P
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157	150183	1513231193	VEDANT KUMAR SINGH	P
158	151199	1513231195	VIKRAM SOLANKI	A
159	150841	1513231197	VISHAL DUBEY	P
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161	150545	1513231200	VISHWAJIT KUMAR TIWARI	A
162	150358	1513231202	YASH KUMAR	P
163	150461	1513231203	YASHVARDHAN SHUKLA	P
164	151220	1513231903	RAVINDER	P

Greater Noida Institute of Technology
DIRECTOR
Greater Noida

DEPARTMENT OF INFORMATION TECHNOLOGY

Ref: - No. GNIOT/IT/ODD/Events/06 **Date: 22.12.2017**

NOTICE

This is to inform the students that as per the academic calendar the department is organizing the events for the current semester, continuing the same practice you are all informed that an event is being organized, "*International Conference* "ON THE TOPIC "Technology and Trust" is scheduled on *28-29th Dec, 2017*

From 9:30 - 5:00 PM.

The students are requested to present in full strength and take the maximum benefit of the *International Conference*.

Greater Noida Institute of Technology (Engg. Institute) Director

Dr. Manoj singhal

HOD-IT

International Conference

on

"Technology and Trust"

28-29th Dec, 2017

PROGRAMME REPORT

Organized by

Department of Computer Science &IT

INSTITUTION'S INNOVATION COUNCIL

GNIOT

Institution's Innovation Council

And

Sponsored by

AICTE New Delhi & Dr. A.P.J .AKTU, Lucknow

Greater Noida Institute of Technology (Engg.Institute)

(An Initiative of Ministry of Education, Govt. of India)

Knowledge park-II, Greater Noida– 201308

www.gniot.net.in

Director

Greater Noida Institute of Technology

Greater Noida

COURSE No. & TITLE:
International conference on "Technology and Trust"

PARTICIPANTS:

3rd and 4th Year Students & Faculty members of departments, B.Tech IT.

OBJECTIVES:

- To understand the theory and fundamentals of technologies term.
- To help the students to learn key aspects of practical aspect of technology and trust
- To understand the technologies and their applications.

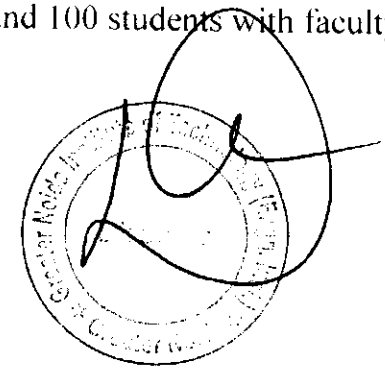
Venue: Seminar Hall, 1st floor
Date: 28-29thDec 2017
Time:11.30 AM Onwards

Experts:

- **Prof. R.S. Nirjar,** Ex. Chairman, AICTE
- **Prof. M.P. Punia,** Vice Chairman, AICTE
- **Prof. Vinay Pathak,** VC, Dr. APJAKTU
- **Prof. V.B. Surya Prasath,** Univ. of Missouri-Columbia, USA
- **Prof. Ashutosh Singh,** Cutin Univ., Malaysia
- **Prof. N Nasimuddin,** Insti. Of Infocomm Research, Singapore
- **Mr. Sachin Gupta,** Ec-Council, New York, USA
- **Mr. Deepak Sharma,** Engg. Project Manager, Aricent, Gurgaon, India

Session was inaugurated by the Director of the Institute Dr Rohit Garg with his motivational words. Dr Sudhir Kumar Dean Academics briefed audience about the purpose of the conference. Dr Rajdev Tiwari Head of CSE department welcomed guests, dignitaries and participants.

Session was taken by above all experts. Around 100 students with faculty participated in the conference.

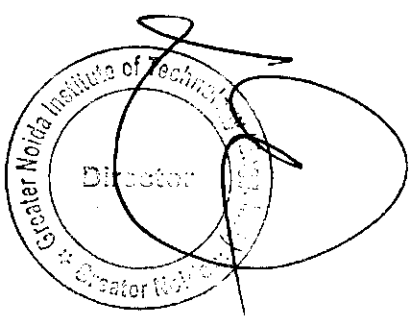


GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

International Conference (28-29th Dec, 2017)

S. No.	Name of the Student	Year & Section	Attendance
1	SHAILENDRA KUMAR	4A	
2	RAHUL MAURYA	4A	
3	NISHANT KUMAR SINGH	4A	
4	SHUBHAM CHANDRA	4A	
5	ETU GUPTA	4A	
6	TANUJ SHARMA	4A	
7	ALFISHA JAFRI	4A	
8	LALIT KUMAR	4A	
9	SHIVAM SRIVASTAVA	4A	
10	VIKAS SINGH	4A	
11	SHREYA SINGH	4A	
12	ANSHIKA GUPTA	4A	
13	SURAJ MAURYA	4A	
14	ABHISHEK TYAGI	4A	
15	SAURABH AHLAWAT	4A	
16	RICHA BHARDWAJ	4A	
17	SANJEEV KUMAR	4A	
18	DIVYANSHU SHUKLA	4A	

S. No.	Name of the Student	Year & Section	Attendance
1	PRIYA SHARMA	4A	
2	JITIN GUPTA	4A	
3	MAHIMA VERMA	4A	
4	ANKUR SINGH	4A	
5	GAURAV SINGH	4A	
6	RAJAT SINGHAL	4A	
7	SACHIN KUMAR SINGH	4A	
8	KUMAR ABHIJEET	4A	
9	MUKUL SHARMA	4A	
10	MUSKAN VERMA	4A	
11	ENSRAMUL HAQ KHAN	4A	
12	CHIRANJEEWEE SINGH	4A	
13	SURENDRA VISHVAKARMA	4A	
14	AYUSHI PATHAK	4A	
15	SAMYAK JAIN	4A	
16	POOJAK GUPTA	4A	
17	JYOT PRAKASH MISHRA	4A	

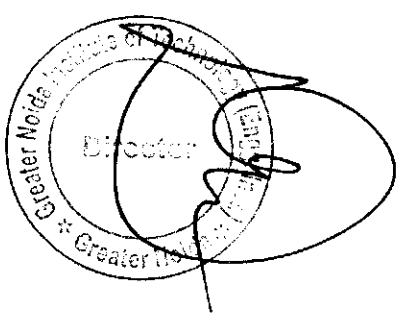


Signature of HOD
Dr.Manoj singhal

GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

International Conference (28-29th Dec, 2017)

S. No.	Name of the Student	Year & Section	Attendance		S. No.	Name of the Student	Year & Section	Attendance
1	ABHISHEK SHARMA	3A			1	AKASH AGRAWAL	3A	
2	SHIVANGI KUMARI	3A			2	PRASHANT SHEKHAR	3A	
3	DEEPALI GAUR	3A			3	MOHD ASIF	3A	
4	ASIF CHAUDHARY	3A			4	DEEPAK KUMAR MANDAL	3A	
5	SMRITI KUMARI	3A			5	AMRIT CHATURVEDI	3A	
6	HARSH THAKUR	3A			6	ANUSHA PASTOR	3A	
7	NIMIT KUMAR	3A			7	ARUN BAGHEL	3A	
8	ANKUR NIGAM	3A			8	NEERAJ KUMAR	3A	
9	JASH GHOSH	3A			9	DIKSHA SAGWAL	3A	
10	SOURAV TIWARI	3A			10	PINTU KUMAR	3A	
11	MONIKA SINGH	3A			11	SHARAD KUMAR	3A	
12	DEEPAK KUMAR	3A			12	ABHISHEK CHAUHAN	3A	
13	SUNNY KUMAR	3A			13	DIPANKAR OJHA	3A	
14	RAHUL KUMAR	3A			14	ANKIT RAJ	3A	
15	ASHUTOSH KUMAR SINGH	3A			15	RAKESH KUMAR	3A	
16	RAJESH KUMAR GUPTA	3A			16	RAVI SHANKAR KUMAR	3A	
17	NEHA SHARMA	3A			17	SUMIT RAJ	3A	
18	SHIV KUMAR	3A			18	SUSHMITA SINHA	3A	
19	JAYESH RAJ	3A			19	SONAL GUPTA	3A	
20	MD ASFAND NOOR	3A						



Signature of HOD
Dr. Manoj Singhal

DEPARTMENT OF INFORMATION TECHNOLOGY

Ref: - No. GNIOT/IT/ODD/Events/06 **Date: 11.10.2017**

NOTICE

This is to inform the students that as per the academic calendar the department is organizing the events for the current semester, continuing the same practice you are all informed that an event is being organized; "SEMINAR" ON THE TOPIC " Emerging Technology" is scheduled on 13.10.2017 from 12:30 - 1:30 PM.

The students are requested to present in full strength and take the maximum benefit of the SEMINAR.

Dr. Manoj singhal

HOD-IT

Seminar on

"Emerging Technology"

13 october 2017
(12:30 Noon to 1:30 PM)

PROGRAM REPORT

Organized by
Information Technology

GNIOT
Group of Institutions
Since 2001

Information and Technology (IT)

Greater Noida Institute of Technology (Engg.Institute)

(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

Director

COURSE No. & TITLE: Emerging technology.

PARTICIPANTS:

All IT Engineering Students & Faculty members

OBJECTIVES:

- To help the students understand the concept of Emerging technology
- To enrich the participants with the techniques of Emerging technology
- To provide details of Emerging technology

Expert: Dr.Pankaj Gupta

Profile of the Expert

- The resource person of this session was Dr.Pankaj Gupta , Associate Professor, Greater Noida institute of Technology.

He is working as an Associate professor in Department of CSE&IT atGNIOT. He did Phd from **CMJ University.Meghalaya**. He has more than 20 years of

experience in academics. He is in the Editorial board for many journals and member of the review committee for many journals and conferences. He has convened many special sessions and chaired them also Member of **International Association of Computer Science and Information Technology IACSIT** (Registered No.: 53122865K) since Jan 2008. He guided several projects at undergraduate and postgraduate level. His interest areas are Operating System, Database Management System, Software Engineering, Networking, Decision Support Systems, Geographical Information Systems. He has published many research papers in reputed SCOPUS and SCI indexed journals and conferences.

Report

" Emerging Technology"

The Department of Information Technology has organized a Seminar on "Emerging Technology" in association with the Institutional Technical Committee (ITC) on 13th october,2017 from 12:30 Noon to 1:30 pm.

The resource person of this session was Dr.Pankaj Gupta, Associate Professor,GNIOT. He is working as an Associate professor in Department of CSE&IT atGNIOT. He did Phd from **CMJ University,Meghalaya**. He has more than 20 years of experience in academics. He is in the Editorial board for many journals and member of the review committee for many journals and conferences. He has convened many special sessions and chaired them also Member of **International Association of Computer Science and Information Technology IACSIT** (Registered No.: 53122865K) since Jan 2008.

The aim of this guest lecture was to improve the awareness of the latest emerging technologies for Second, Third & Fourth year students. The Seminar helped the students to enhance their knowledge.

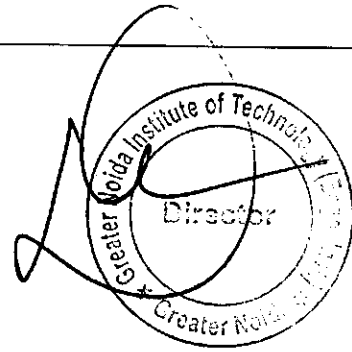
The event was hosted by Ms. RICHA bajaj who highlighted the GNIOT USPs. Management and the respected Director Dr. Rohit Garg sir and thereafter invited Dr.Manoj singhal , HoD-IT. Dr Manoj singhal (HOD-IT) welcomed the Speaker, Dr. Pankaj Gupta and thanked the speaker for sparing her valuable time to enrich the students. Dr. Pankaj Gupta spoke about the relevance of the topic in emerging technologies. The Event was Hosted by Ms. RICHA bajaj (Assistant Professor, IT) and vote of thanks by Ms.Ayushi (Assistant Professor, IT). The session was attended by more than 40 students and all faculty members of IT.

The Event was backed –up from the participant end with an interactive Question and Answer session. The session was very Intellectual, fruitful and Interactive.

Outcome of the Program

1. Students gained experience of Emerging technology.
2. It helped in enhancing innovative skills.
3. Participants got a clear idea about how to be aware of the latest technology.

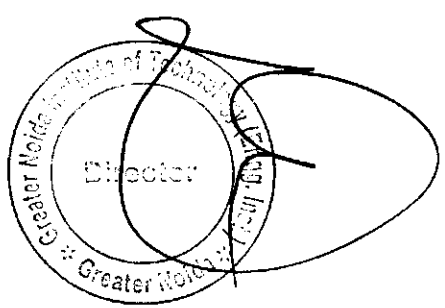
YouTube link:



GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

Emerging Technology (13.10.2017)

S. No.	Name of the Student	Year & Section	Attendance		S. No.	Name of the Student	Year & Section	Attendance
1	ABHISHEK SHARMA	2A			1	AKASH AGRAWAL	2B	
2	SHIVANGI KUMARI	2A			2	PRASHANT SHEKHAR	2B	
3	DEEPALI GAUR	2A			3	MOHD ASIF	2B	
4	ASIF CHAUDHARY	2A			4	DEEPAK KUMAR MANDAL	2B	
5	SMRITI KUMARI	2A			5	AMRIT CHATURVEDI	2B	
6	HARSH THAKUR	2A			6	ANUSHA PASTOR	2B	
7	NIMIT KUMAR	2A			7	ARUN BAGHEL	2B	
8	ANKUR NIGAM	2A			8	NEERAJ KUMAR	2B	
9	JASH GHOSH	2A			9	DIKSHA SAGWAL	2B	
10	SOURAV TIWARI	2A			10	PINTU KUMAR	2B	
11	MONIKA SINGH	2A			11	SHARAD KUMAR	2B	
12	DEEPAK KUMAR	2A			12	ABHISHEK CHAUHAN	2B	
13	SUNNY KUMAR	2A			13	DIPANKAR OJHA	2B	
14	RAHUL KUMAR	2A			14	ANKIT RAJ	2B	
15	ASHUTOSH KUMAR SINGH	2A			15	RAKESH KUMAR	2B	
16	RAJESH KUMAR GUPTA	2A			16	RAVI SHANKAR KUMAR	2B	
17	NEHA SHARMA	2A			17	SUMIT RAJ	2B	
18	SHIV KUMAR	2A			18	SUSHMITA SINHA	2B	
19	JAYESH RAJ	2A			19	SONAL GUPTA	2B	
20	MD ASFAND NOOR	2A						



Signature of HOD
Dr. Manoj Singhal

GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

Emerging Technology (13.10.2017)

S. No.	Name of the Student	Year & Section	Attendance
1	SHAILENDRA KUMAR	3A	
2	RAHUL MAURYA	3A	
3	NISHANT KUMAR SINGH	3A	
4	SHUBHAM CHANDRA	3A	
5	ETU GUPTA	3A	
6	TANUJ SHARMA	3A	
7	ALFISHA JAFRI	3A	
8	LALIT KUMAR	3A	
9	SHIVAM SRIVASTAVA	3A	
10	VIKAS SINGH	3A	
11	SHREYA SINGH	3A	
12	ANSHIKA GUPTA	3A	
13	SURAJ MAURYA	3A	
14	ABHISHEK TYAGI	3A	
15	SAURABH AHLAWAT	3A	
16	RICHA BHARDWAJ	3A	
17	SANJEEV KUMAR	3A	
18	DIVYANSHU SHUKLA	3A	

S. No.	Name of the Student	Year & Section	Attendance
1	PRIYA SHARMA	3B	
2	JITIN GUPTA	3B	
3	MAHIMA VERMA	3B	
4	ANKUR SINGH	3B	
5	GAURAV SINGH	3B	
6	RAJAT SINGHAL	3B	
7	SACHIN KUMAR SINGH	3B	
8	KUMAR ABHIJEET	3B	
9	MUKUL SHARMA	3B	
10	MUSKAN VERMA	3B	
11	ENSRAMUL HAQ KHAN	3B	
12	CHIRANJEEWEE SINGH	3B	
13	SURENDRA VISHVAKARMA	3B	
14	AYUSHI PATHAK	3B	
15	SAMYAK JAIN	3B	
16	POOJAK GUPTA	3B	
17	JYOT PRAKASH MISHRA	3B	

Director

Signature of HOD
Dr. Manoj Singhal

GNIOT ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF INFORMATION TECHNOLOGY

Ref: - No. GNIOT/IT/ODD/Events/05 Date: 17.10.2017

NOTICE

This is to inform the students that as per the academic calendar the department is organizing the events for the current semester, continuing the same practice you are all informed that an event is being organized, " GUEST LECTURE" ON THE TOPIC "GOOD RESEARCH & INNOVATION PRACTICES" is scheduled on 19.10.2017 from 3:15 - 5:00 PM.

The students are requested to present in full strength and take the maximum benefit of the expert talk.

Dr. Manoj Singhal
HOD-IT

GUEST LECTURE

ON

"GOOD RESEARCH & INNOVATION PRACTICES"

19th october, 2017
(03:15 PM to 05:00 PM)

Organized by

INSTITUTION'S INNOVATION COUNCIL | GNIOT

Institution's Innovation Council

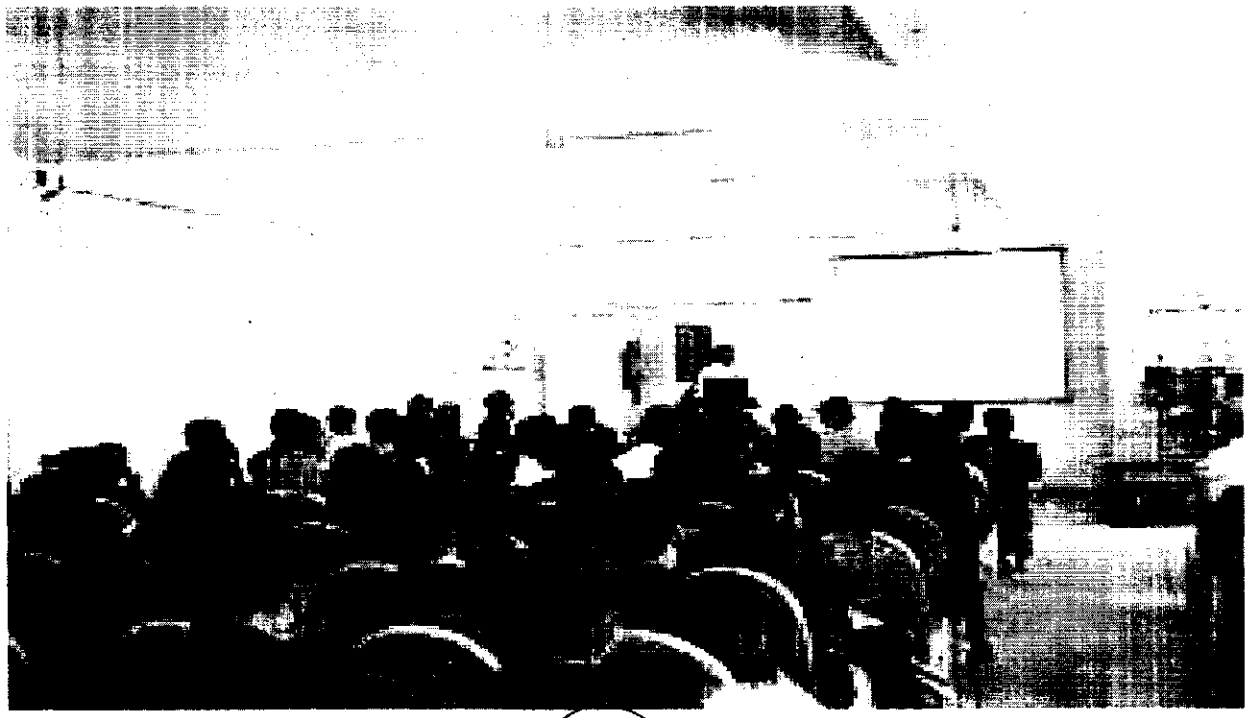
Greater Noida Institute of Technology (~~GNIOT~~) (Engg. Institute)

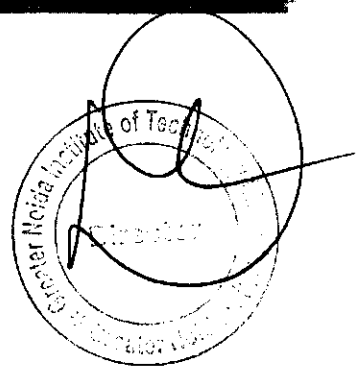
(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

Report on "GOOD RESEARCH & INNOVATION PRACTICES"

Department of **Information Technology in association with Institution Innovation Cell (IIC)** has organized an Expert talk on **"Good Research and Innovation Practices" on** 19th october, 2017 from 03:15 PM onwards. The aim of the talk is to improve process of innovation development in students. The session was given by Dr.Prabhat sirvastav , Dean R&D,BBDIT lucknow , and Dr. Anuranjan Mishra, Dean IIC, GNIOT Greater Noida.

Dr. Manoj Singhal, Head of the Department presented the bouquet to guests after the inauguration of the event Dr. Ankur Gupta delivered the wonderful session titled "The Good Research and Innovation Practices" for the Department of Information Technology, GNIOT on 19.10.2017. The coordinator of the event was Mr. Shiv Shankar Pal. Department of IT was grateful to him for helping in inviting such a dynamic personality to motivate our students for their involvement in research-based projects. He told the students as how the semester-based projects can be published as research papers. Dr. Anuranjan Mishra from Institute Innovation Cell, IIC, also motivated the students and informed various funding schemes under the banner of GOI, how to become Entrepreneur etc.





GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

Attendance of Good Research and Innovation Practices (19.10.2017)

S. No.	Name of the Student	Year & Section	Attendance
1	SHAILENDRA KUMAR	3A	P
2	RAHUL MAURYA	3A	P
3	NISHANT KUMAR SINGH	3A	P
4	SHUBHAM CHANDRA	3A	P
5	ETU GUPTA	3A	P
6	TANUJ SHARMA	3A	P
7	ALFISHA JAFRI	3A	A
8	LALIT KUMAR	3A	A
9	SHIVAM SRIVASTAVA	3A	A
10	VIKAS SINGH	3A	P
11	SHREYA SINGH	3A	P
12	ANSHIKA GUPTA	3A	P
13	SURAJ MAURYA	3A	P
14	ABHISHEK TYAGI	3A	P
15	SAURABH AHLAWAT	3A	P
16	RICHA BHARDWAJ	3A	P
17	SANJEEV KUMAR	3A	P
18	DIVYANSHU SHUKLA	3A	P

S. No.	Name of the Student	Year & Section	Attendance
1	PRIYA SHARMA	3B	A
2	JITIN GUPTA	3B	A
3	MAHIMA VERMA	3B	P
4	ANKUR SINGH	3B	P
5	GAURAV SINGH	3B	P
6	RAJAT SINGHAL	3B	P
7	SACHIN KUMAR SINGH	3B	P
8	KUMAR ABHIJEET	3B	P
9	MUKUL SHARMA	3B	A
10	MUSKAN VERMA	3B	A
11	ENSRAMUL HAQ KHAN	3B	P
12	CHIRANJEEWEE SINGH	3B	P
13	SURENDRA VISHVAKARMA	3B	P
14	AYUSHI PATHAK	3B	P
15	SAMYAK JAIN	3B	P
16	POOJAK GUPTA	3B	P
17	JYOT PRAKASH MISHRA	3B	P

Signature of HOD

Dr. Manoj Singhal

GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

Attendance of Good Research and Innovation Practices (19.10.2017)

S. No.	Name of the Student	Year & Section	Attendance
1	ABHISHEK SHARMA	2A	P
2	SHIVANGI KUMARI	2A	P
3	DEEPALI GAUR	2A	P
4	ASIF CHAUDHARY	2A	A
5	SMRITI KUMARI	2A	A
6	HARSH THAKUR	2A	P
7	NIMIT KUMAR	2A	P
8	ANKUR NIGAM	2A	P
9	JASH GHOSH	2A	P
10	SOURAV TIWARI	2A	P
11	MONIKA SINGH	2A	A
12	DEEPAK KUMAR	2A	P
13	SUNNY KUMAR	2A	P
14	RAHUL KUMAR	2A	P
15	ASHUTOSH KUMAR SINGH	2A	A
16	RAJESH KUMAR GUPTA	2A	P
17	NEHA SHARMA	2A	P
18	SHIV KUMAR	2A	P
19	JAYESH RAJ	2A	P
20	MD ASFAND NOOR	2A	P

S. No.	Name of the Student	Year & Section	Attendance
1	AKASH AGRAWAL	2B	P
2	PRASHANT SHEKHAR	2B	A
3	MOHD ASIF	2B	P
4	DEEPAK KUMAR MANDAL	2B	A
5	AMRIT CHATURVEDI	2B	P
6	ANUSHA PASTOR	2B	P
7	ARUN BAGHEL	2B	P
8	NEERAJ KUMAR	2B	P
9	DIKSHA SAGWAL	2B	P
10	PINTU KUMAR	2B	P
11	SHARAD KUMAR	2B	A
12	ABHISHEK CHAUHAN	2B	P
13	DIPANKAR OJHA	2B	P
14	ANKIT RAJ	2B	P
15	RAKESH KUMAR	2B	P
16	RAVI SHANKAR KUMAR	2B	P
17	SUMIT RAJ	2B	P
18	SUSHMITA SINHA	2B	P
19	SONAL GUPTA	2B	P

Signature of HOD
Dr. Manoj Singhal
HOD-IT

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref: - No. GNIOT/CSE/ODD/Events/01 Date: 02.10.2017

NOTICE

This is to inform all the students that as per the academic calendar the department are organizing international conference for the current semester, continuing the same practice you all are informed that an "international conference on technology and trust(ICTT)" is being organized on 28-29th [redacted]er 2017.

The students are requested to Present in full strength and take the maximum benefits of the workshop

HOD-CSE

International Conference On Technology & Trust (ICTT'17)

(28th - 29th December 2017)

Organized by: Department of Computer Science & Engg.

Greater Noida Institute of Technology

GNIOT
Group of Institutions
Since 2001

GNIOT
GROUP OF INSTITUTIONS
Approved by AICTE & Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow (Formerly UPTU)

Sponsored by

AICTE & Dr. A.P.J .AKTU, Lucknow

Call For Papers

Submissions are invited Faculty and Research Scholars from engineering colleges, on the following topics.

- Cloud Computing
- Internet of Things
- Data Science
- Cyber Security & Forensics
- Embedded Systems & Automation
- Artificial Intelligence
- NLP- Image Processing
- Mobile & Communication Technologies
- Automation Technologies
- Renewable Energy
- Advanced Manufacturing
- Smart Devices
- Smart Materials

Important Dates

- Paper Submission: 31st October,2017
- Acceptance Notification: 15th November, 2017
- Camera Ready Paper Submission:25th November,2017
- Registration : 15th December, 2017
- Conference: 28th – 29th December, 2017

Contact Details

- Dr. Rajdev Tiwari(Dean CS/IT/MCA),GNIOT
  Email:hodcs@gnit.net
  Contact: 8860606614
- Dr. Rakesh Sharma
  Email:dr.rakesharma@gmail.com
  Contact: 8800717724

For further details go to:www.ictt.in

ICTT'17

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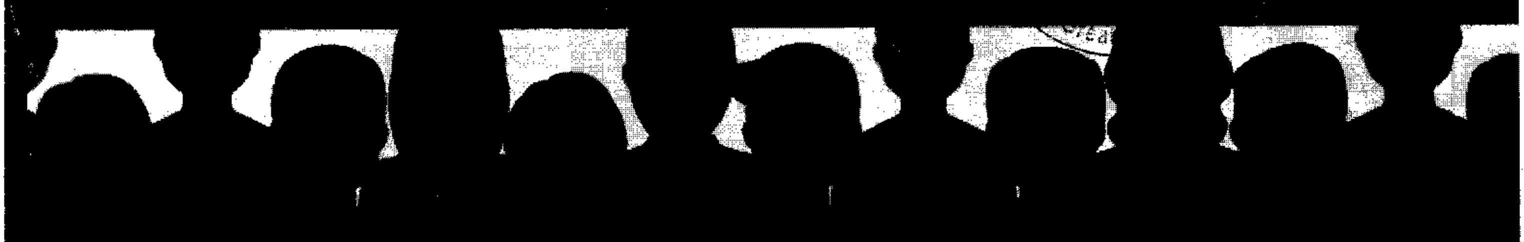
Group of Institutions
Since 2001



Chief Patrons

- **Prof. Anil D. Sahasrabudhe,** Chairman AICTE
- **Prof(Dr) Vinay Kumar Pathak,** VC, AKTU
- **Shri B.L. Gupta,** Chairman, GNIOT
- **Shri Rajesh Gupta,** Vice Chairman, GNIOT

Patrons

- **Shri Gaurav Gupta,** Member of Management Committee, GNIOT
- **Dr. Rohit Garg,** Director, GNIOT
- **Dr. Sudhir Kumar,** Dean, Academics, GNIOT

Organizing Committee

- **Dr. Rakesh Sharma**
- **Mr. Asif Khan**
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- **Dr. Yatin Kr. Agarwal**
- **Ms. Himdweep Walia**
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- **Mr. Harendra Malik**
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- **Mr. K.P Rao**
- **Ms. Raunak Sulekh**
- **Ms. Reshu Tyagi**
- **Mr. Hridesh Gupta**
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- **Mr. Salman Khan**
- **Mr. Birendra Saraswat**
- **Mr. Anand Bhushan Pandey**
- **Mr. Arvind Tomar**
- **Ms. Harsha**

Advisory Committee

- **Prof. B.S. Rajput,** Ex. VC, Kumaun Univ.
- **Prof. D.S. Chauhan,** Ex. VC, UPTU
- **Prof. S.K. Kak,** Ex. VC MTU
- **Prof. Manoj Gupta,** National Univ. of Singapore
- **Prof. R.K. Arora,** Ex. Hod, CSE, IIT Delhi
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- **Prof. Bill Griffiths,** Univ. of Birmingham, Birmingham, UK
- **Prof. S.N. Singh,** Ex. Cahirman, IEEE ,UP Section, India
- **Dr. K.V. Arya,** Dean PG AKTU Lucknow
- **Prof. Nitin Chopra,** Univ. of Alabama, USA
- **Prof. Virendra Pathak,** Dr. APJAKTU, Lucknow
- **Prof. S.P. Tripathi,** IET Lucknow
- **Dr. Sandeep Kumar,** VP, HFCL
- **Prof. Manu Pratap Singh,** Agra Univ.
- **Prof. A.K. Sharma,** YMCA Faridabad
- **Prof. D.K. Lobial,** JNU, New Delhi
- **Prof. Yogesh Dwivedi,** Swansea, UK

Keynote Speakers / Experts

- **Prof. R.S. Nirjar,** Ex. Chairman, AICTE
- **Prof. M.P. Punia,** Vice Chairman, AICTE
- **Prof. Vinay Pathak,** VC, Dr. APJAKTU
- **Prof. V.B. Surya Prasath,** Univ. of Missouri-Columbia, USA
- **Prof. Ashutosh Singh,** Cutin Univ., Malaysia
- **Prof. N Nasimuddin,** Insti. Of Infocomm Research, Singapore
- **Mr. Sachin Gupta,** Ec-Council, New York, USA
- **Mr. Deepak Sharma,** Engg. Project Manager, Aricent, Gurgaon, India

Conference Chair

- **Dr. Rajdev Tiwari (Dean CS/IT/MCA)**

International Conference On Technology & Trust (ICTT'17)

(28th – 29th December 2017)

Organized by

Department of Computer Science & Engg.

Greater Noida Institute of Technology

GNIOT
Group of Institutions

Sponsored by
AICTE New Delhi & Dr. A.P.J. AKTU, Lucknow

Greater Noida Institute of Technology,

(Approved by AICTE, Ministry of HRD, Government of India
Affiliated to Dr. A.P.J. AKTU, Lucknow)
Plot No. 7, KP-II, Greater Noida,
G.B. Nagar – 201308 UP
www.gniotgroup.edu.in

About GNIOT

Established in the year 2001, GNIOT group of institutions has become one of the leading institutions for Management and Engineering programs worldwide. The founders are some of the best minds from the corporate and academic worlds. In their perspective, the changing business landscape requires young leaders to have understanding of developing economies and global practices. Assets of GNIOT:

- Total Students/Seats: 5232
- Programs: B.Tech./M.Tech./MCA/MBA
- Branches/Streams: CS/IT/EC/EE/ME/CE/AE
- Other Institutions in Group: GNCT/GNIT-CM/GNIT-MBA/GNW School

About the Department

Department of Computer Science & Engineering established in 2001 and accredited by NBA in 2007. As a wealth the department is having strong team of faculty members with well experience & expertise in different domain. The pass out students of the department are performing extremely well in almost-all the leading organization and making the name of the department brighter. The Department offers both B.Tech. & M.Tech Regular Programs

Contact Details

- Dr. Rajdev Tiwari(Dean CS/IT/MCA),GNIOT
  Email:hodcs@gnit.net
  Contact: 8860606614
- Dr. Rakesh Sharma
  Email:dr.rakesharma@gmail.com
  Contact: 8800717724

For further details go to: www.ictt.in

About the Conference

The pace of technological advancement can easily be seen all around. The technology now a days has spread its root in such a way that in almost everything you will find the technology. Irrespective of the specialized engineering domain, in every few days a new technology pops up. In the modern era, the penetration of technology in our life is deepening day by day and our day to day life has become almost dependent on one or the other technologies. In such scenarios, it becomes very important that those technologies must be trust worthy.

This event is aimed to provide a platform to the researchers from around the world to share their works in relevance to the recent technologies and its trustworthiness. This event also aims to provides an opportunity to talented scholars from schools to share their views by contributing into the **student symposium**. Added attraction of ICTT'17 will be the **workshop on "Internet of Things (IOT)".**

Call For Papers

Submissions are invited Faculty and Research Scholars from engineering colleges, on the following topics (Not limited to)

- Cloud Computing and Data Science
- Internet of Things
- Cyber Security & Forensics
- Embedded Systems & Automation
- Artificial Intelligence
- NLP- Image Processing
- Mobile & Communication Technologies
- Renewable Energy
- Advanced Manufacturing
- Smart Devices and Smart Materials

Paper Submission Link:
https://easychair.org/conferences/?conf=ictt17

Important Dates

- Paper Submission: 10th November,2017
- Acceptance Notification: 20th November, 2017
- Camera Ready Paper Submission:25th November,2017
- Registration : 15th December, 2017
- Conference: 28th – 29th December, 2017

Payment Detail

- Registration fee may be paid through Bank transfer, RTGS/NEFT or in cash to the conference chair person(receipt will be provided)or demand draft drawn in favour of "Greater Noida Institute of Technology" payable at Greater Noida, couriered or sent by registered post to Hod CSE, GNIOT, Plot No-7,Knowledge Park-II, Greater Noida, U.P201306
- **Bank Transfer Details**
  - Greater Noida Institute of Technology,
    Syndicate Bank, A/C No:88951010000465,
    Branch Code: 008895
    IFSC Code: SYNB0008895
    MICR Code: 110025150
    SWIFT Code:SYNBINBB
    Branch: Plot No: S-9, Gamma Shopping Mall, Noida-Greater Noida RD G.B.Nagar U.P. 201306
  - The Transfer details should be E-mailed to hodcs@gnit.net
  - **Registration Fee Details**
    Regular Author- 1500 Rs.
    Student Author- 800 Rs.

Schedule

- **Day – 1**
  - Registration: Begins 9:00 A.M.
  - Inauguration of Conference: 10:00A.M.
  - Tea Break: 11:00 A.M.
  - I Technical Session: 11:15A.M.- 01:00P.M.
  - Lunch: 01:00 P.M.
  - Workshop on IOT: 1:50 P.M.- 3:00 P.M.
  - II Technical Session: 03:00P.M.-04:30P.M.
  - High Tea: 04:40 P.M.
- **Day – 2**
  - Tea: 09:15 A.M.
  - III Technical Session: 9:30A.M.- 01:00P.M.
  - Lunch: 01:00 P.M.
  - Student Symposium: 01:50P.M.-04:00P.M.
  - Valedictory Function: 04:00P.M.-4:45P.M.
  - High Tea: 04:45 P.M.

International Conference
on

"Technology and Trust"

28-29th Dec, 2017

PROGRAMME REPORT

Organized by
Department of Computer Science and Engineering

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Institution's Innovation Council
And
Sponsored by
AICTE New Delhi & Dr. A.P.J .AKTU, Lucknow

Greater Noida Institute of Technology (GNIOT)

(An Initiative of Ministry of Education, Govt. of India)
Knowledge park-II, Greater Noida– 201308
www.gniot.net.in

COURSE No. & TITLE:
International conference on "Technology and Trust"

PARTICIPANTS:

3rd and 4th Year Students & Faculty members of departments, B.Tech CSE.

OBJECTIVES:

- To understand the theory and fundamentals of technologies term.
- To help the students to learn key aspects of practical aspect of technology and trust
- To understand the technologies and their applications.

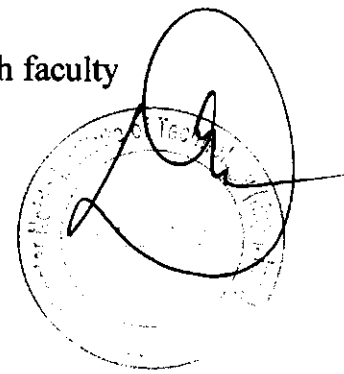
Venue: Seminar Hall, 1st floor
Date: 28-29thDec 2017
Time:11.30 AM Onwards

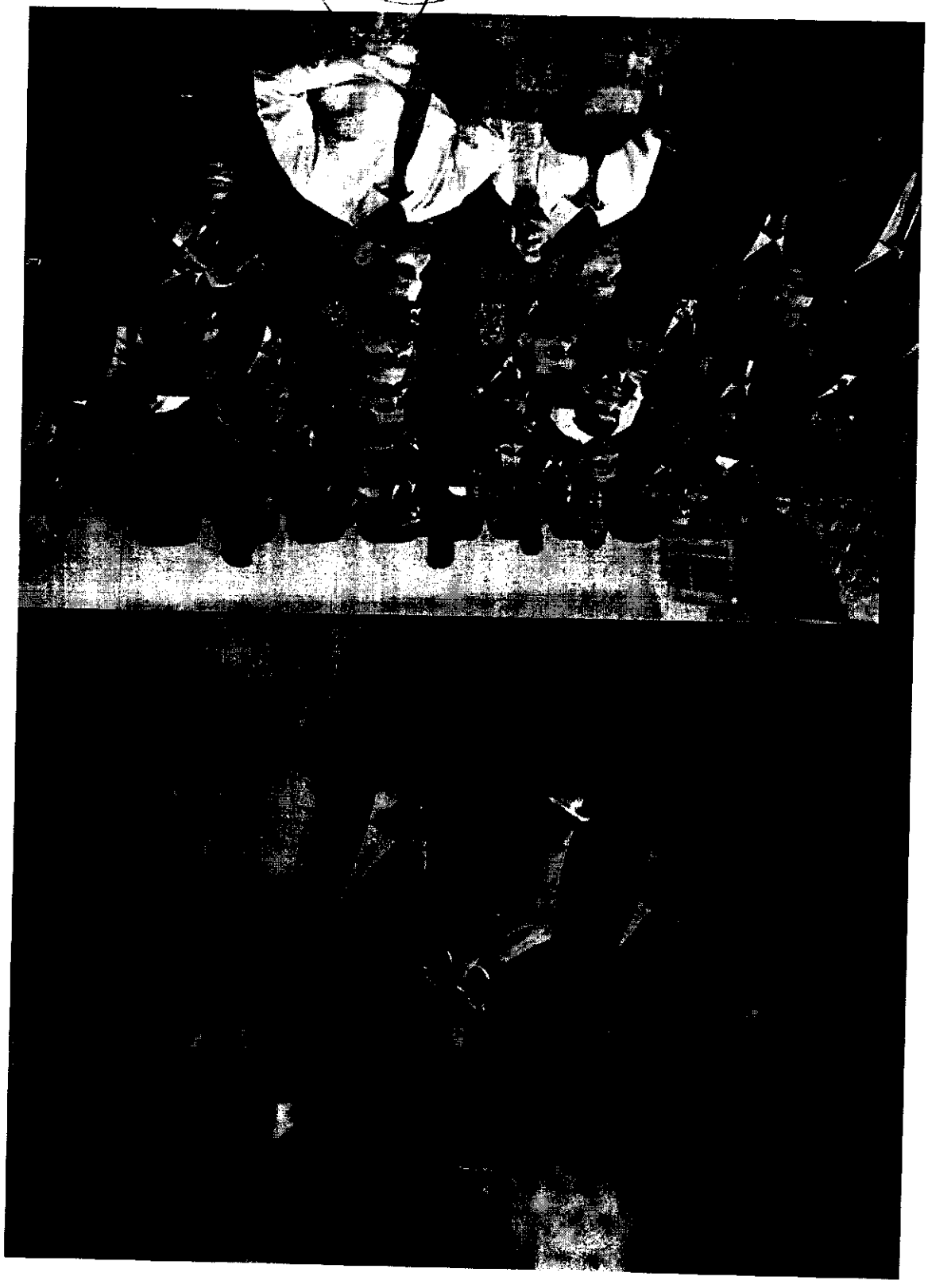
Experts:

- **Prof. R.S. Nirjar,** Ex. Chairman, AICTE
- **Prof. M.P. Punia,** Vice Chairman, AICTE
- **Prof. Vinay Pathak,** VC, Dr. APJAKTU
- **Prof. V.B. Surya Prasath,** Univ. of Missouri-Columbia, USA
- **Prof. Ashutosh Singh,** Cutin Univ., Malaysia
- **Prof. N Nasimuddin,** Insti. Of Infocomm Research, Singapore
- **Mr. Sachin Gupta,** Ec-Council, New York, USA
- **Mr. Deepak Sharma,** Engg. Project Manager, Aricent, Gurgaon, India

Session was inaugurated by the Director of the Institute Dr Rohit Garg with his motivational words. Dr Sudhir Kumar Dean Academics briefed audience about the purpose of the conference. Dr Rajdev Tiwari Head of CSE department welcomed guests, dignitaries and participants.

Session was taken by above all expers. Around 100 students with faculty participated in the conference.





SNo.	**Univ.Roll	**Class	**Name	Attendance for Event
1	1313210106	CS 4 Year	SHIVAM MITTAL	P
2	1413210001	CS 4 Year	AAYUSHI GOSWAMI	P
3	1413210003	CS 4 Year	ABHINAV PRANJAL RAI	P
4	1413210004	CS 4 Year	ABHINEET	P
5	1413210005	CS 4 Year	ABHISHEK	P
6	1413210007	CS 4 Year	ABHISHEK GAUTAM	P
7	1413210008	CS 4 Year	ABHISHEK GUPTA	P
8	1413210009	CS 4 Year	ABHISHEK KUMAR	A
9	1413210010	CS 4 Year	ABHISHEK KUMAR	P
10	1413210012	CS 4 Year	ABHISHEK YADAV	P
11	1413210013	CS 4 Year	ABHITESH KUMAR	P
12	1413210017	CS 4 Year	AJEET KUMAR SINGH	P
13	1413210019	CS 4 Year	AKANKSHA YADAV	P
14	1413210020	CS 4 Year	AKANSHA SINGH	P
15	1413210022	CS 4 Year	AKHIL CHAHAL	P
16	1413210023	CS 4 Year	AKSHAY	P
17	1413210024	CS 4 Year	AKSHAY KUMAR SINGH	P
18	1413210026	CS 4 Year	AMAN SAHOTA	P
19	1413210028	CS 4 Year	AMRITANSH GUPTA	A
20	1413210029	CS 4 Year	ANKESH SINGH	P
21	1413210030	CS 4 Year	ANKIT KUMAR	P
22	1413210033	CS 4 Year	ANKITA SINGH	P
23	1413210035	CS 4 Year	ANOOP SHARMA	P
24	1413210036	CS 4 Year	ANUKRITI	P
25	1413210037	CS 4 Year	ARSALAN ABRAR	P
26	1413210039	CS 4 Year	ASHISH BHARDWAJ	P
27	1413210040	CS 4 Year	AVINASH KUMAR	P
28	1413210042	CS 4 Year	AYUSH KUMAR	P
29	1413210044	CS 4 Year	AYUSH MISHRA	P
30	1413210045	CS 4 Year	BEAUTY SINHA	P
31	1413210047	CS 4 Year	DEEPAK AMOLA	P
32	1413210050	CS 4 Year	DEEPALI KUMARI	P
33	1413210051	CS 4 Year	DEVANSHU RANJAN	P
34	1413210053	CS 4 Year	DIGVIJAY YADAV	P
35	1413210054	CS 4 Year	DURGESH DIXIT	P
36	1413210055	CS 4 Year	GAGAN JEET SINGH WALIA	P
37	1413210056	CS 4 Year	GAURAV VISHAL	A
38	1413210057	CS 4 Year	GAUTAM KABIRAJ	P
39	1413210064	CS 4 Year	JAGRIT CHHABRA	P
40	1413210065	CS 4 Year	JINO C J	P
41	1413210066	CS 4 Year	JULI KUMARI	P
42	1413210067	CS 4 Year	ANKITA SINGH	P
43	1413210068	CS 4 Year	KM NEHA SINGH	A
44	1413210069	CS 4 Year	KOMAL PANDEY	P
45	1413210072	CS 4 Year	KUMAR GAURAV	P
46	1413210076	CS 4 Year	MANISHA KUMARI	P
47	1413210078	CS 4 Year	MANSI VERMA	P
48	1413210083	CS 4 Year	MD SHARIQUE AHMAD	P
49	1413210084	CS 4 Year	MD YUNISH WAKAR	P
50	1413210085	CS 4 Year	MEDHA KUMARI	P
51	1413210086	CS 4 Year	MOHD SAIF	P
52	1413210088	CS 4 Year	MONIKA JHA	P

GREATER NOIDA INSTITUTE OF TECHNOLOGY

(APPROVED BY AICTE & Affiliated to U.P Technical University, Lucknow)

7,Knowledge Park-II, Greater Noida-201 306 Distt. Gautam Buddh Nagar(U.P)

Tele. :- 0120 -2320210,11, 12 Fax:0120-2326653

E-mail:gnit@gnit.net Website: www.gnit.net

Activity Report

Department : - COMPUTER SCIENCE & ENGINEERING

Activity : - INDUSTRIAL VISIT

Held On : - 4th Feb, 2018

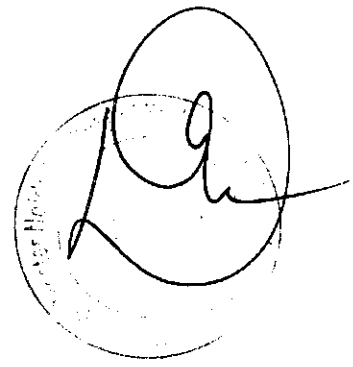
Venue :- HUAWEI, GURUGRAM

Attended By :- 35 students of CSE/ MCA along with 3 faculty members

Brief Report:- It was a technically beneficially visit for the students. Students were briefed about the working of Telecommunication and Cloud storage technology.

The following were the learning outcomes of the visit:

- Details of mobile communication
- The details of IMSI
- How BSS, MSC/VLR, HLR functions during calls
- Concepts of Hex-Cells and Roaming
- Details of Rack mountable and blade servers for cloud storage
- The concepts of hot swappable disk-drives
- Various type of RF Antennas and fiber channels



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref: - No. GNIOT/CSE/EVEN/Events/03 Date: 08.02.2018

NOTICE

This is to inform all the students that as per the academic calendar the department are organizing seminar for the current semester, continuing the same practice you all are informed that an seminar on "epsychi seminar" is being organized on 10th Feb 2018.

The students are requested to Present in full strength and take the maximum benefits of the workshop

HOD-CSE

Seminar
on

"Epsychi Seminar"

10th Feb, 2018
(10:00 AM to 01:00 PM)

Organized by
Department of Computer Science and gineering

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

Institution's Innovation Coun

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam T al University, Lucknow)
Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh , Uttar Pradesh-201310
0120-2328214/15/16 | 1800 274 6969 director@gniot.n www.gniot.net.in

Greater Noida Institute of Technology

(Approved by AICTE Affilated to U.P. Technical University, Lucknow)
7, knowledge Park-II, Greater Noida-201306, Distt. Gautam Budh Nagar
Tele.: Tele:(0120)2320210,11,12 Fax: (0120)232 6653
E-mail: gnit@gnit.net Website: www.gnit.net

Department of Computer Science & Engineering

Date: 10/02/2018

EVENT REPORT

Department of Computer Science & Engineering organized an (Epsychi) Seminar on 10th Feb 2018. Program was conducted at

Venue: Seminar Hall, Ground Floor, Main Building, GNIOT.

Timing: 11:00 am - 01:00 pm (10/02/2018)

Dr. Jitrendra Kumar Nayar (MBBS, MD, MRCPsych, London) was the featured speaker of the program along with his team of specialists. Dr. Jitrendra Kumar Nayar is presently working as a Consultant Psychiatrist for a community Mental Health Team at Luton. He has also been Clinical Director Acute and In-patient Services and older people's mental health services, Luton and Bedfordshire.

Seminar was aimed at helping students as individuals and groups, to improve their well-being, alleviate their distress, resolve their crisis, and increase their ability to solve problems and make decisions. Professional and educational issues have also been discussed. Approximately 100 students and ten faculty members of Department of Computer Science & Engineering were also present for the event.

We express our sincere gratitude to the management and director of GNIOT for providing all necessary support and looking forward towards similar support in times to come.

Dr. Rajdev Tiwari
DEAN (CSE/IT/MCA)

Greater Noida Institute of Technology

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E-mail: gnit@gnit.net Website: www.gnit.net

Department of Computer Science & Engineering

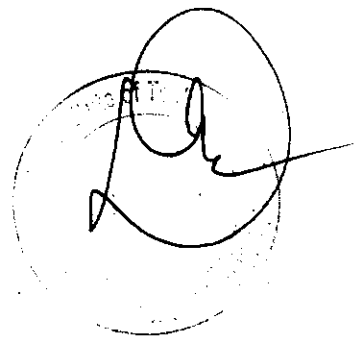
13 Feb 12-1

SNo.	**Univ.Roll	**Class	**Name	Attendance for Event
1	1413210027	CS 3 Year	AMIT KUMAR YADAV	P
2	1413210046	CS 3 Year	BHAVYA WADHWA	P
3	1413210107	CS 3 Year	PRINCE RAJ	A
4	1513210001	CS 3 Year	ABDUL MANNAN ANSARI	P
5	1513210002	CS 3 Year	ABHIJEET BALIYAN	P
6	1513210004	CS 3 Year	ABHINAV YADAV	P
7	1513210006	CS 3 Year	ABHISHEK KUMAR YADAV	A
8	1513210007	CS 3 Year	ABHISHEK RAJ	P
9	1513210008	CS 3 Year	ADARSH KUMAR SINGH	A
10	1513210009	CS 3 Year	ADEEBA SHAREEF	P
11	1513210010	CS 3 Year	ADITYA CHAUHAN	P
12	1513210011	CS 3 Year	ADITYA SINGH	A
13	1513210012	CS 3 Year	ADITYA SINGH CHAUHAN	P
14	1513210013	CS 3 Year	AFFAN AHMAD	A
15	1513210014	CS 3 Year	AFSHAN ALI	A
16	1513210016	CS 3 Year	AJAY PRATAP SINGH YADAV	P
17	1513210017	CS 3 Year	AKANSHA CHAUKIYAL	P
18	1513210018	CS 3 Year	AKASH RAJ	A
19	1513210020	CS 3 Year	AKSHAY JADLI	A
20	1513210023	CS 3 Year	AMAN KUMAR	P
21	1513210024	CS 3 Year	AMAN RAJ	P
22	1513210025	CS 3 Year	AMAN SAXENA	P
23	1513210032	CS 3 Year	ANSH UPADHYAY	A
24	1513210033	CS 3 Year	APOORVA SHRUTI	A
25	1513210034	CS 3 Year	APURVA ANAND	P
26	1513210035	CS 3 Year	ARSHAD KHAN	A
27	1513210036	CS 3 Year	ARUN KUMAR	P
28	1513210037	CS 3 Year	ARYA KRISHNAN	A
29	1513210038	CS 3 Year	ASHISH MAURYA	A
30	1513210041	CS 3 Year	ASHUTOSH SAHU	P
31	1513210042	CS 3 Year	ASHUTOSH SINGH	A
32	1513210044	CS 3 Year	ATUL BALODI	P
33	1513210047	CS 3 Year	AYUSH MISHRA	P
34	1513210048	CS 3 Year	DEEPAK KUMAR PATEL	P
35	1513210051	CS 3 Year	DIKSHA GUPTA	A
36	1513210052	CS 3 Year	DIMPLE GUPTA	A
37	1513210053	CS 3 Year	DIPANSHU	P
38	1513210055	CS 3 Year	GANESH SINGH	P
39	1513210059	CS 3 Year	HARSH VARDAN	P
40	1513210060	CS 3 Year	HEMANT KUMAR MEHTA	A
41	1513210063	CS 3 Year	HINA ILIYAS	A
42	1513210066	CS 3 Year	JATIN GUPTA	P
43	1513210067	CS 3 Year	JAY CHAUBEY	P
44	1513210068	CS 3 Year	JIVESH ARORA	P
45	1513210072	CS 3 Year	KARAN NEGI	P
46	1513210074	CS 3 Year	KM RITU BIND	P
47	1513210075	CS 3 Year	KUNAL KUMAR KUSHWAHA	P
48	1513210076	CS 3 Year	KUNDAN KUMAR PURI	A
49	1513210077	CS 3 Year	LAKSHIT KUMAR SINGH	P
50	1513210078	CS 3 Year	LOVEKESH KUMAR	A
51	1513210081	CS 3 Year	MD SAMAD SHADAB	P
52	1513210084	CS 3 Year	MOHAMMAD ANAS	A

53	1513210087	CS 3 Year	MOHD ANAS CHOUDHARY	P
54	1513210090	CS 3 Year	MOHIT PANWAR	P
55	1513210092	CS 3 Year	MRITYUNJAY KUMAR KUSHWAHA	P
56	1513210093	CS 3 Year	NAKUL SINGH BHATI	A
57	1513210094	CS 3 Year	NAVYA SRIVASTVA	A
58	1513210095	CS 3 Year	NIDHI KASHYAP	P
59	1513210097	CS 3 Year	NIKHIL KUMAR	P
60	1513210099	CS 3 Year	NIKHIL GARG	P
61	1513210101	CS 3 Year	NITESH KUMAR YADAV	P
62	1513210103	CS 3 Year	NITIN KUMAR	P
63	1513210105	CS 3 Year	PANKAJ YADAV	P
64	1513210106	CS 3 Year	PAVANESH PRATAP SINGH	P
65	1513210107	CS 3 Year	PAWAN KUMAR DUBEY	A
66	1513210108	CS 3 Year	POOJA RANI	A
67	1513210109	CS 3 Year	POOJA TANGANIYA	A
68	1513210112	CS 3 Year	PRASHANT SINGH	P
69	1513210113	CS 3 Year	PRATIK KUMAR	A
70	1513210114	CS 3 Year	PRITAM KUMARI	A
71	1513210117	CS 3 Year	RAJEEV LEKHWAR	P
72	1513210119	CS 3 Year	RAKESH KR.SINGH	P
73	1513210120	CS 3 Year	RANDHIR KUMAR	P
74	1513210121	CS 3 Year	RAVI KUMAR SHARMA	P
75	1513210122	CS 3 Year	RAVI PRATAP	A
76	1513210123	CS 3 Year	RICHA SINHA	A
77	1513210125	CS 3 Year	RISHU KUMAR	P
78	1513210126	CS 3 Year	RITESH KUMAR	A
79	1513210129	CS 3 Year	ROHIT KUMAR SINGH	A
80	1513210132	CS 3 Year	RUPALI CHAUHAN	A
81	1513210133	CS 3 Year	SACHIN SHARMA	A
82	1513210138	CS 3 Year	SAHIL KUMAR	P
83	1513210139	CS 3 Year	SAKSHAM SHARMA	A
84	1513210141	CS 3 Year	SARTHAK GUPTA	A
85	1513210142	CS 3 Year	SARTHAK GUPTA	A
86	1513210143	CS 3 Year	SAUMYA SHARMA	P
87	1513210144	CS 3 Year	SAUMYA SRIVASTAVA	A
88	1513210146	CS 3 Year	SAURAV PATEL	A
89	1513210147	CS 3 Year	SHAILVI SINGH	A
90	1513210151	CS 3 Year	SHIVANI BAGHEL	P
91	1513210152	CS 3 Year	SHIVANSHU RAI	A
92	1513210153	CS 3 Year	SHSHANK KUMAR	A
93	1513210156	CS 3 Year	SHUBHAM SHARMA	P
94	1513210157	CS 3 Year	SHUDHANSHU	P
95	1513210158	CS 3 Year	SHYAM SHARMA	P
96	1513210159	CS 3 Year	SIDDHANT BHATIA	A
97	1513210160	CS 3 Year	SIDDHANT KUMAR	A
98	1513210161	CS 3 Year	SIDDHARTHA	A
99	1513210164	CS 3 Year	SUMIT RAWAT	P
100	1513210167	CS 3 Year	SUNNY GUPTA	P
101	1513210168	CS 3 Year	SUSHIL KUMAR	A
102	1513210169	CS 3 Year	SUSHMITA SAXENA	A
103	1513210170	CS 3 Year	TABISH AHMED	P
104	1513210171	CS 3 Year	TANYA SENGAR	P
105	1513210176	CS 3 Year	UNNATI UPADHYAY	P
106	1513210177	CS 3 Year	UPASNA PATEL	P

107	1513210179	CS 3 Year	VAISHALI CHAURASIA	P
108	1513210181	CS 3 Year	VIKASH KUMAR	P
109	1513210182	CS 3 Year	VIKASH NAYAK	P
110	1513210183	CS 3 Year	VINAY	A
111	1513210189	CS 3 Year	YUVRAJ DIGVIJAY	A
112	1513213026	CS 3 Year	BHAVNA RAJPUT	P
113	1513240096	CS 3 Year	KARAN MANCHANDA	A
114	1513240098	CS 3 Year	KASHIF FIROZE	A
115	1613210801	CS 3 Year	ANKESH RAJ	P
116	1613210901	CS 3 Year	ABHISHEK SHARMA	A
117	1613210903	CS 3 Year	ASHISH MISHRA	P
118	1613210904	CS 3 Year	BIKRAM KUMAR	P
119	1613210905	CS 3 Year	DHANANJAY KUMAR PANDEY	P
120	1613210906	CS 3 Year	GAURAV	A
121	1613210907	CS 3 Year	IQRA	P
122	1613210910	CS 3 Year	NAVAL OLI	P
123	1613210911	CS 3 Year	NISHITH RAJ	A
124	1613210912	CS 3 Year	RAJEEV RANJAN	P
125	1613210913	CS 3 Year	RAJNISH KUMAR NIRALA	P
126	1613210915	CS 3 Year	VICKY KUMAR YADAV	P
127	1413210043	CS 3 YEAR(2nd Shift)	AYUSH KUMAR THAKUR	A
128	1413210101	CS 3 YEAR(2nd Shift)	PRANJAL KUMAR SINGH	P
129	1413210120	CS 3 YEAR(2nd Shift)	RAJEEV KUMAR	A
130	1413210123	CS 3 YEAR(2nd Shift)	RAUNAK SINGH	P
131	1513210015	CS 3 YEAR(2nd Shift)	AHMAD SADIQUE RASOOL	A
132	1513210019	CS 3 YEAR(2nd Shift)	AKHIL VATS	P
133	1513210026	CS 3 YEAR(2nd Shift)	AMAR CHAUDHARY	A
134	1513210027	CS 3 YEAR(2nd Shift)	AMIT JHA	P
135	1513210028	CS 3 YEAR(2nd Shift)	AMIT KUMAR SHARMA	P
136	1513210031	CS 3 YEAR(2nd Shift)	ANKITA SINGH	P
137	1513210039	CS 3 YEAR(2nd Shift)	ASHISH NAYAK	P
138	1513210046	CS 3 YEAR(2nd Shift)	AYUSH KUMAR	P
139	1513210049	CS 3 YEAR(2nd Shift)	DEVANSH SHUKLA	P
140	1513210050	CS 3 YEAR(2nd Shift)	DHEERAJ KUMAR	P
141	1513210054	CS 3 YEAR(2nd Shift)	FAISEL AHMAD	P
142	1513210056	CS 3 YEAR(2nd Shift)	GARIMA KUMARI	A
143	1513210058	CS 3 YEAR(2nd Shift)	GIRISH SINGH RATHORE	A
144	1513210061	CS 3 YEAR(2nd Shift)	HIMANSHI GARG	A
145	1513210062	CS 3 YEAR(2nd Shift)	HIMANSHU GUPTA	P
146	1513210064	CS 3 YEAR(2nd Shift)	JAGDEEP SINGH	A
147	1513210069	CS 3 YEAR(2nd Shift)	JYOTI KUMARI	A
148	1513210070	CS 3 YEAR(2nd Shift)	KAJOL KUSHWAHA	A
149	1513210073	CS 3 YEAR(2nd Shift)	KESHAV MADHAV	P
150	1513210083	CS 3 YEAR(2nd Shift)	MD WASIM AKRAM	A
151	1513210085	CS 3 YEAR(2nd Shift)	MOHAN GUPTA	A
152	1513210086	CS 3 YEAR(2nd Shift)	MOHD AMAAN	P
153	1513210088	CS 3 YEAR(2nd Shift)	MOHD RIHAN	P
154	1513210089	CS 3 YEAR(2nd Shift)	MOHD SUFIYAN MALIK	P
155	1513210096	CS 3 YEAR(2nd Shift)	NIKETAN JHA	P
156	1513210098	CS 3 YEAR(2nd Shift)	NIKHIL SHARMA	A
157	1513210100	CS 3 YEAR(2nd Shift)	NISHANT RANJAN	A
158	1513210102	CS 3 YEAR(2nd Shift)	NITIN	A
159	1513210110	CS 3 YEAR(2nd Shift)	PRAKHAR AGRAWAL	A
160	1513210118	CS 3 YEAR(2nd Shift)	RAJU KUMAR JHA	P

161	1513210124	CS 3 YEAR(2nd Shift)	RISHIKESH KUMAR	P
162	1513210127	CS 3 YEAR(2nd Shift)	ROHAN RANJAN	P
163	1513210128	CS 3 YEAR(2nd Shift)	ROHIT KUMAR	P
164	1513210131	CS 3 YEAR(2nd Shift)	ROVINSH	P
165	1513210134	CS 3 YEAR(2nd Shift)	SACHIN SINGH	A
166	1513210136	CS 3 YEAR(2nd Shift)	SAFDAR ALI	P
167	1513210145	CS 3 YEAR(2nd Shift)	SAURABH TRIPATHI	P
168	1513210148	CS 3 YEAR(2nd Shift)	SHANTANU DUBEY	P
169	1513210150	CS 3 YEAR(2nd Shift)	SHIVANI	P
170	1513210154	CS 3 YEAR(2nd Shift)	SHUBHAM KUMAR	A
171	1513210155	CS 3 YEAR(2nd Shift)	SHUBHAM RAJ	A
172	1513210162	CS 3 YEAR(2nd Shift)	SUMIT GANGULY	A
173	1513210163	CS 3 YEAR(2nd Shift)	SUMIT KUMAR	A
174	1513210165	CS 3 YEAR(2nd Shift)	SUNIL KUMAR JAISAWAL	A
175	1513210166	CS 3 YEAR(2nd Shift)	SUNIL KUMAR YADAV	A
176	1513210173	CS 3 YEAR(2nd Shift)	TWINKLE ARORA	P
177	1513210174	CS 3 YEAR(2nd Shift)	UDDESH SINGH GEHARWAR	A
178	1513210175	CS 3 YEAR(2nd Shift)	UMANG JAISWAL	A
179	1513210184	CS 3 YEAR(2nd Shift)	VISHAL GUPTA	A
180	1513210185	CS 3 YEAR(2nd Shift)	VISHAL SINGH	A
181	1513240246	CS 3 YEAR(2nd Shift)	VIVEK KUMAR PATHAK	P



ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref: - No. GNIOT/CSE/EVEN/Events/04 Date: 22.03.2018

NOTICE

This is to inform all the students that as per the academic calendar the department are organizing workshop for the current semester, continuing the same practice you all are informed that workshop is being organized on "3-D PRINTER" on 04-05th March 2018.

The students are requested to Present in full strength and take the maximum benefits of the workshop

HOD-CSE

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh Nagar, Uttar Pradesh-201310
0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

Workshop
on

"3-D Printer"

04-05th March, 2018
(11:00 AM to 12:30 PM)

PROGRAMME REPOR

Organized by
Department of Computer Science and Engineering

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Institution's Innovation Cou

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
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GREATER NOIDA INSTITUTE OF TECHNOLOGY

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Tele. :- 0120 -2320210,11, 12 Fax:0120-2320653

E-mail:gnit@gnit.net Website: www.gnit.net

Activity Report

Department : - Computer Science & Engineering

Activity : - Workshop on **3D Printer**

Held On : - 4th & 5th March, 2018

Venue :- Lab No. 205, 2nd Floor

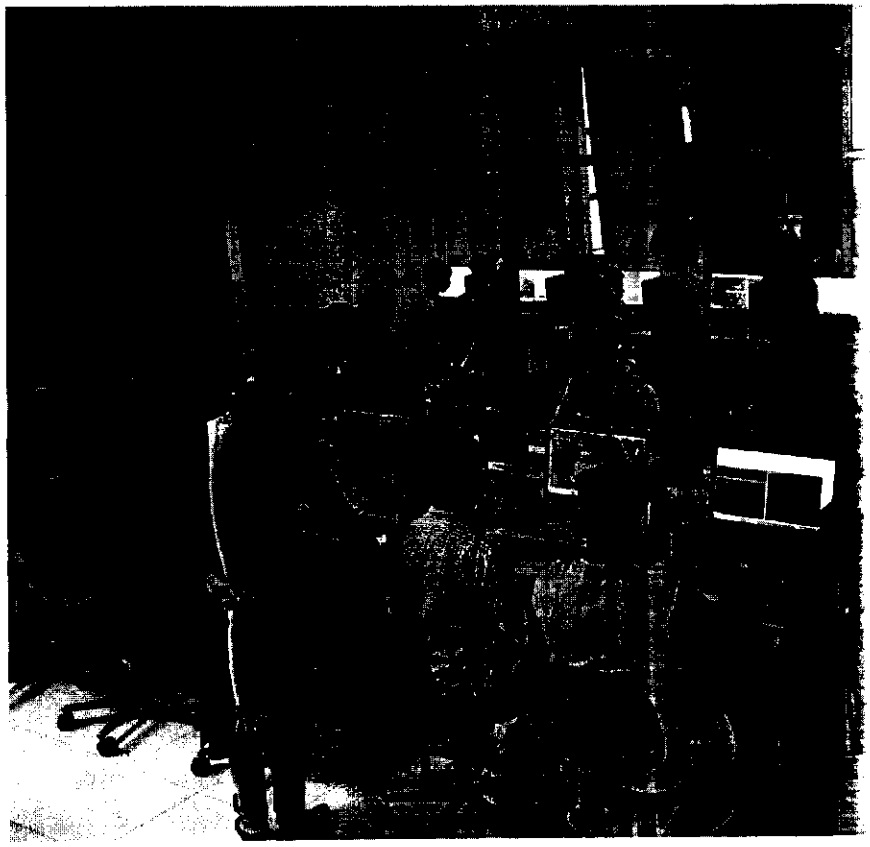
Conducted by:- **Innovation Cell IIT Bombay** in collaboration with **RoboKart**

Attended By :- 29 students of GNIOT

Brief Report :- A workshop on **3D Printer** was organized by TechClub on 04/03/2018 and 05/03/2018. 29 students attended the workshop in which the trainers distributed software to the participants. Students were shared the basics of 3D Printer and 3D Pen. The duration of the workshop was two days. Participants, at the end of the workshop, were able to create their own 3D modules.

The topics discussed in the workshop were:

- Students were interested in such kind of workshops.



SNo.	**Univ.Roll	**Class	**Name	Attendance for Event
1	0	CS 2 Year	Priyanka	
2	1413210117	CS 2 Year	RAHUL KUMAR	P
3	1513210045	CS 2 Year	ATUL CHAUDHARY	P
4	1513210079	CS 2 Year	MANI KUMAR	A
5	1513210135	CS 2 Year	SACHIN YADAV	A
6	1513210140	CS 2 Year	SAMEERA PARVEEN	A
7	1513210149	CS 2 Year	SHIVAM SINGH	A
8	1513210172	CS 2 Year	TUSHAR PRATAP SINGH	A
9	1613210002	CS 2 Year	AARJU RAJ ARYA	P
10	1613210005	CS 2 Year	AAYUSH KUMAR	P
11	1613210006	CS 2 Year	ABHIJEET MISHRA	A
12	1613210008	CS 2 Year	ABHISHEK	A
13	1613210011	CS 2 Year	ABHISHEK SRIVASTAVA	P
14	1613210013	CS 2 Year	ADESH ANAND	P
15	1613210017	CS 2 Year	AKASH BHARDWAJ	P
16	1613210018	CS 2 Year	AKASH KUMAR	P
17	1613210019	CS 2 Year	AKASH KATOCH	A
18	1613210021	CS 2 Year	AKSHAY KUMAR	A
19	1613210022	CS 2 Year	ALIYA FEROZ	A
20	1613210024	CS 2 Year	AMAN MISHRA	P
21	1613210025	CS 2 Year	AMARTYA PARIJAT	P
22	1613210026	CS 2 Year	AMEESHA SINGH	P
23	1613210030	CS 2 Year	ANIKET KUMAR	A
24	1613210031	CS 2 Year	ANIKET SRIVASTAVA	A
25	1613210034	CS 2 Year	ANJALI KUMARI	A
26	1613210035	CS 2 Year	ANJALI PANDEY	P
27	1613210038	CS 2 Year	ANKIT KUMAR	P
28	1613210041	CS 2 Year	ANSHIKA TRIPATHI	P
29	1613210042	CS 2 Year	ANUGRAH BHATT	P
30	1613210043	CS 2 Year	APOORV BHARDWAJ	P
31	1613210045	CS 2 Year	ARJIT AWASTHI	P
32	1613210046	CS 2 Year	ARJIT SAXENA	A
33	1613210047	CS 2 Year	ARPAN SRIVASTAVA	A
34	1613210048	CS 2 Year	ASHIMA AHLAWAT	P
35	1613210050	CS 2 Year	ASHISH KUMAR OJHA	A
36	1613210051	CS 2 Year	ASHUTOSH KUMAR DIXIT	P
37	1613210052	CS 2 Year	ATUL KUMAR	A
38	1613210053	CS 2 Year	AVANEESH KUMAR	P
39	1613210054	CS 2 Year	AYUSH SINGH	A
40	1613210055	CS 2 Year	AYUSHI BATHAM	P
41	1613210056	CS 2 Year	BASIT ANWAR	P
42	1613210059	CS 2 Year	BIKASH KUMAR DAS	P
43	1613210060	CS 2 Year	CH SUJITHA SOUBHAGYA	P
44	1613210061	CS 2 Year	CHANDAN KUMAR	A
45	1613210063	CS 2 Year	DEEPAK KUMAR	A
46	1613210067	CS 2 Year	DHEERAJ KUMAR BAGHEL	P
47	1613210069	CS 2 Year	DIPANSHU SHARMA	P
48	1613210070	CS 2 Year	DIVYANSHU	A
49	1613210071	CS 2 Year	ESHANT GARG	P
50	1613210072	CS 2 Year	GAURAV	P
51	1613210074	CS 2 Year	JATIN KUMAR	P
52	1613210075	CS 2 Year	JAYA KUMARI SINGH	A

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GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

ELECTRICAL ENGINEERING DEPARTMENT

NOTICE

GNIOT/EE/2017/02 **Date: 01/10/2017**

Subject: Workshop on Power Cables

The Electrical Engineering Department is going to organize a "**Workshop on Power Cables**" at GNIOT, Greater Noida on 04/10/2017. The students of B. Tech (EE) are required to attend the workshop. The objective of this workshop is to know about the electrical power cables.

Venue: GNIOT, Greater Noida

Date & Time: 04/10/2017 at 10.00 a.m.

HOD (EE)

Director

Greater Noida Institute of Technology

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

REPORT

WORKSHOP

On

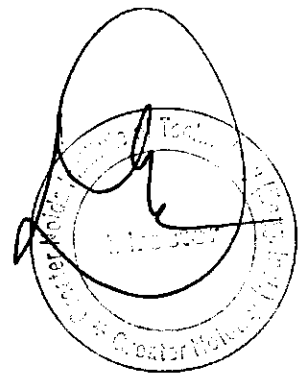
"POWER CABLES"

04OCTOBER 2017

Organized by

[redacted]

Electrical Engineering Department



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One Day Workshop on Power Cables

Department :- Electrical Engineering

Activity :- **One Day Workshop on Power Cables**

Held on :- 4th October 2017

Venue :- **Seminar Hall, Ground Floor**

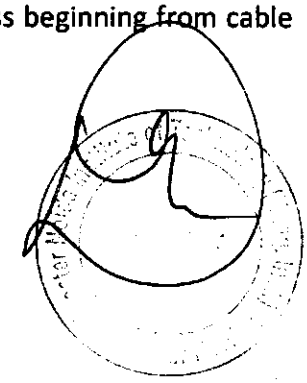
Attended by :- HOD, EE and Faculty &Students of EE department

Brief Report :-

A one day workshop on **'Power Cables'** was successfully organized by Electrical Engineering Department in collaboration with **KEI Industries Ltd. (KEIIL)** Bhiwadi, Rajasthan on 04.10.2017. Mr. Pankaj Kumar, Manager (Cable Division), KEIIL and Mr. Chirag Singhal, Senior Engineer, KEIIL were the resource persons of the workshop. Students of the EE dept. attended the workshop. The students found the workshop very interesting and interactive. Honourable Chairman, GNIOT group of institutions, Sh. B. L. Gupta Ji, Worthy Director, GNIOT, Dr. Rohit Garg, respected Dean of ECE/EE, Dr. Shelly Garg and HOD of EED, Dr. Sunil Kr. Chaudhary, Prof. S. P. Saini & all the other esteemed faculty members of the EED were present during the workshop.

Outcome:

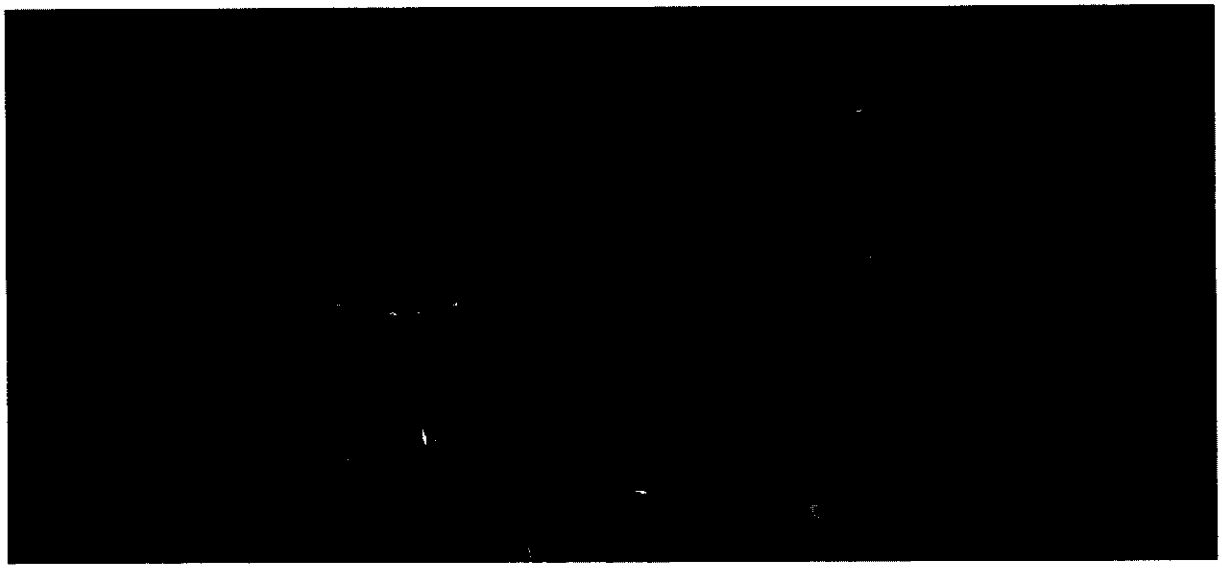
The students illuminated with the current trends and technologies emerging in the area of power cables. Also, the students were made aware of the whole process beginning from cable manufacturing to cable laying.



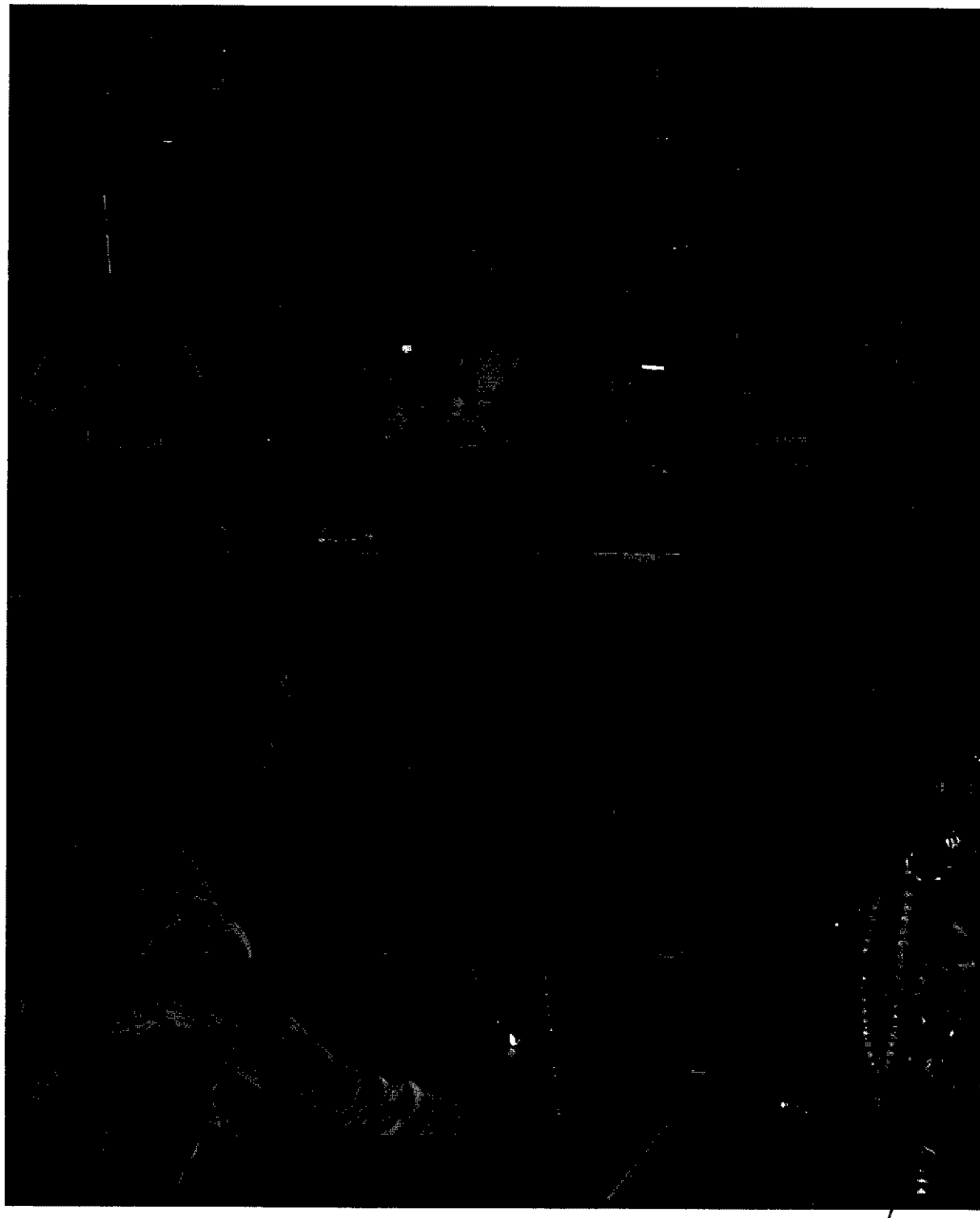
Cc: Media

(a) udgam@gnit.net
(b) director@gniot.net.in

Photographs:- 5



ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)



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0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

ATTENDANCE SHEET (04/10/2017)

S.No.	Enrollment No	Student Name	Status
1	1713220904	HUMAZA AMIN SOFI	P
2	1713220912	RAJVEER SINGH	P
3	1713220916	TOUFEEQ AHMAD KACHOO	P
4	1713220902	BRIJESH KUMAR	P
5	1713220917	UMESH CHANDRA	P
6	1713220910	PRAVEEN KUMAR	P
7	1713220915	TARUN KUMAR PRABHAKAR	P
8	1713220914	REHAN FAZAL	P
9	1713220903	FAIZAL	P
10	1713220913	REENA GAUTAM	P
11	1513220902	KESHAV	A
12	1513220903	KM RAGINEE	P
13	1513220908	KM SHIKHA CHAUDHARY	A
14	1413220040	LOVE LIKHDHARI	P
15	1413220042	MANISH KUMARing	P
16	1413220046	MANU BHATI	P
17	1413220047	MD. MASOOD ALAM	P
18	1413220051	MIRZA ASIF BEG	P
19	1413220053	MOHD. SHAHRUKH	P
20	1413220055	MOHIT RAJDAN	P
21	1413220057	PANKAJ KUMAR	A
22	1513220905	PANKAJ PAL	P
23	1413220058	PRADEEP KUMAR YADAV	P
24	1413220059	PRADEEP VERMA	P
25	1413220060	PRASHANT KR SINGH	P
26	1413220063	RAHUL GUPTA	P
27	1413220066	RAJ KUMAR	P
28	1413220067	RAJESH KUMAR	A
29	1413220065	RAJKUMAR	P
30	1413220068	RAKESH KUMAR	P
31	1413220069	RAMPRAKASH YADAV	P
32	1213220078	RAMSAGAR GUPTA	P
33	1413220070	RAUNAK SHARMA	P
34	1413220079	SATISH KUMAR CHOUBEY	A
35	1413220081	SHAFAQUE KHANAM	A

36	1513220002	ABHISHEK GAUTAM	P
37	1513220004	ADARSH KUMAR YADAV	P
38	1513220005	ADITYA KUMAR	P
39	1513220008	AJEET KUMAR	A
40	1513220009	AKASH KUMAR VERMA	A
41	1513220010	AKSHAY KUMAR	P
42	1513220011	ALOK KUMAR	P
43	1513220014	AMIT KUMAR	P
44	1513220015	AMIT KUMAR	P
45	1513220017	ARCHIT PRAKASH	P
46	1513220018	ARVIND KUMAR AGRAHARI	A
47	1513220019	ASHISH KUMAR	A
48	1513220021	BASANT KUMAR SINGH	P
49	1513220022	BASHARAT HUSSAIN	P
50	1513220024	CHETAN SINGH	P
51	1613220044	VISHAL GAURAV	P
52	1613220038	SHIVENDRA SRIVASTAVA	P
53	1613220003	AJEY PRATAP SINGH	P
54	1613220027	PRANJAL PATHAK	P
55	1613220031	RAKESH CHAUHAN	P
56	1613220010	BIJAY KUMAR	P
57	1613220039	SUDDU KUMAR	A
58	1613220024	MONU KUMAR	P
59	1613220022	MOHD SAQIB MASOOD	P
60	1613220017	MD FAIZ AKRAM	P
61	1513220044	NOOR ALAM ANSARI	A
62	1513220047	RATNESH KUMAR SINGH	P
63	1513220048	RAUNAK KUMAR	P
64	1513220050	SACHIN KUMAR	P
65	1513220052	SANYUKTA KUMARI	A
66	1613220032	RASHID QUDDUS	P
67	1613220006	AKHLAQUE AHMAD KHAN	P
68	1613220005	AKASH SRIVASTAV	P
69	1613220008	AMIT KUMAR MAURYA	P
70	1613220007	AMIT KUMAR	A
71	1613220034	SACHIN GUPTA	A
72	1613220014	JAYKANT KUMAR	A

73	1613220029	RAHUL ROUSHAN	P
74	1613220023	MOHD ZEESHAN	A
75	1613220001	ADARSH SINHA	A
76	1613220004	AJIT KUMAR YADAV	A
77	1613220012	HIRA LAL VERMA	P
78	1613220015	MANISH CHAURASIA	P
79	1613220041	SURENDRA KUMAR PATEL	P
80	1613220011	GAGAN VEER SINGH	P
81	1513220025	DEEPAK KUMAR MAURYA	A
82	1513220026	DEEPAK SHARMA	P
83	1513220028	DIGVIJAY THAKUR	P
84	1513220029	FAHAD KHAN	P
85	1413220034	JAUHAR ALI	P
86	1513220031	JITENDRA KUMAR RAI	P
87	1513220032	KAUSHAR ALI	A
88	1513220038	MD HASNAIN REZA	A
89	1413220050	MD WAQUAR BAKHSHI	P
90	1513220041	MONIKA	P

HOD (EE)

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

ELECTRICAL ENGINEERING DEPARTMENT

NOTICE

GNIOT/EE/2017/01

Date: 08/09/2017

Subject: Workshop on Electrical Power Generation

The Electrical Engineering Department is going to organize a "**Workshop on Electrical Power Generation**" at GNIOT, Greater Noida on 11/09/2017. The students of B. Tech (EE) are required to attend the workshop. The objective of this workshop is to know about the electrical power generation.

Venue: GNIOT, Greater Noida

Date & Time: 11/09/2017 at 10.00 a.m.

HOD (EE)

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

REPORT

WORKSHOP

On

"ELECTRICAL POWER GENERATION"

11 SEPTEMBER 2017

Organized by

[redacted]

Electrical Engineering Department

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh Nagar, Uttar Pradesh-201310
0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

Workshop on electrical power generation

Department :- Electrical Engineering

Activity :- **Workshop on electrical power generation**

Held on :- 11th September 2017

Venue :- Seminar hall (ground floor)

Attended by :- HOD, all the faculty members and students of EE department

Brief Report :-

A workshop on electrical power generationwas successfully organized by the **Electrical Engineering Department** at the seminar hall (ground floor) of the college from 10:00 AM onwards. Mr. R. K. Niranjan, DGM, NTPC, Noida was the speaker of the workshop. Worthy Chairman was the chief guest of the workshop. Director-Principal, Dean ECE/EE, Dean CS/IT/MCA and Dean of first year were the guests of honor. The workshop lasted for almost two hours.

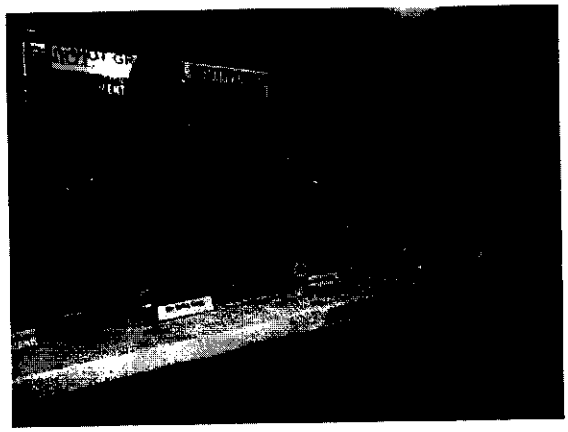
Outcome:

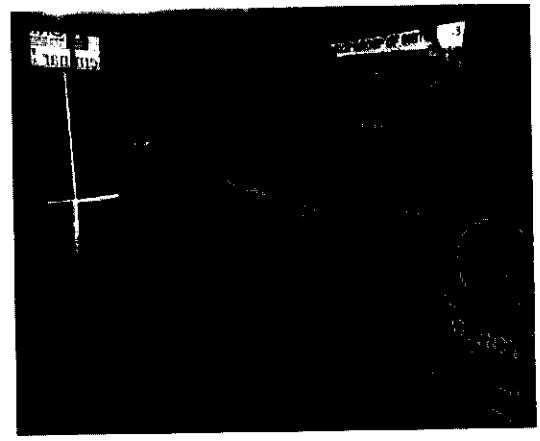
The students got a chance to know about the whole process of generation of electrical power in a thermal power plant and various upcoming technologies of power generation.

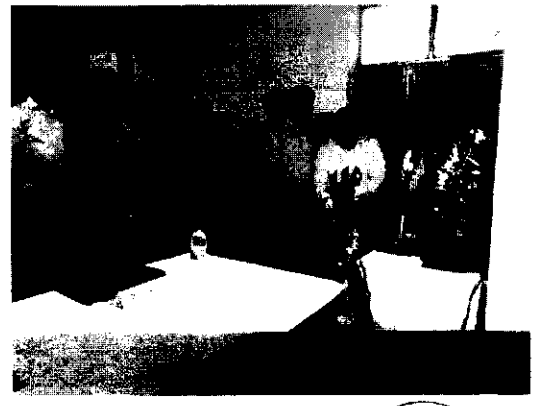
Cc: Media

(a) udgam@gnit.net
(b) director@gniot.net.in

Photographs:- 8







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0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

ATTENDANCE SHEET

S.No.	Enrollment No	Student Name	Status
1	1313220025	ARINJAY BALYAN	P
2	1413220013	ARPIT GOEL	P
3	1413220017	ASHUTOSH KUMAR	P
4	1413220018	ASHUTOSH KUMAR MISHRA	A
5	1513220901	CHANDRA PRATAP SINGH	A
6	1413220025	DEVA TIWARI	P
7	1413220026	DISHA JANGPANGI	P
8	1413220027	EKANSH KUMAR	P
9	1413220037	JYOTI CHAUDHARY	P
10	1413220038	KAUSTUBH RASTOGI	P
11	1513220902	KESHAV	P
12	1513220903	KM RAGINEE	A
13	1513220908	KM SHIKHA CHAUDHARY	P
14	1413220040	LOVE LIKHDHARI	P
15	1413220042	MANISH KUMARing	P
16	1413220046	MANU BHATI	A
17	1413220047	MD. MASOOD ALAM	P
18	1413220051	MIRZA ASIF BEG	P
19	1413220053	MOHD. SHAHRUKH	P
20	1413220055	MOHIT RAJDAN	P
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22	1513220905	PANKAJ PAL	P
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25	1413220060	PRASHANT KR SINGH	A
26	1413220063	RAHUL GUPTA	A
27	1413220066	RAJ KUMAR	P
28	1413220067	RAJESH KUMAR	P
29	1413220065	RAJKUMAR	P
30	1413220068	RAKESH KUMAR	P
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35	1413220081	SHAFAQUE KHANAM	P

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40	1513220009	AKASH KUMAR VERMA	A
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49	1513220022	BASHARAT HUSSAIN	A
50	1513220024	CHETAN SINGH	A
51	1513220025	DEEPAK KUMAR MAURYA	A
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58	1513220038	MD HASNAIN REZA	P
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68	1613220005	AKASH SRIVASTAV	A
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70	1613220007	AMIT KUMAR	A
71	1613220034	SACHIN GUPTA	P
72	1613220014	JAYKANT KUMAR	P

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76	1613220004	AJIT KUMAR YADAV	P
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78	1613220015	MANISH CHAURASIA	P
79	1613220041	SURENDRA KUMAR PATEL	P
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81	1613220044	VISHAL GAURAV	P
82	1613220038	SHIVENDRA SRIVASTAVA	A
83	1613220003	AJEY PRATAP SINGH	A
84	1613220027	PRANJAL PATHAK	P
85	1613220031	RAKESH CHAUHAN	P
86	1613220010	BIJAY KUMAR	A
87	1613220039	SUDDU KUMAR	A
88	1613220024	MONU KUMAR	A
89	1613220022	MOHD SAQIB MASOOD	P
90	1613220017	MD FAIZ AKRAM	P

Director

HOD (EE)

ELECTRICAL ENGINEERING DEPARTMENT

NOTICE

GNIOT/EE/2018/ **Date: 03/03/2018**

Subject: Webinar on Health Awareness

The Electrical Engineering Department is going to organize a "**Webinar on Health Awareness**" at GNIOT, Greater Noida on 05/03/2018. The students of B. Tech (EE) are required to attend the webinar. The objective of this webinar is to provide general health awareness.

Venue: GNIOT, Greater Noida

Date & Time: 05/03/2018 at 4.00 p.m.

Event Coordinator: Mr.Sushil Singh

HOD (EE)

Director

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GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

REPORT

WEBINAR

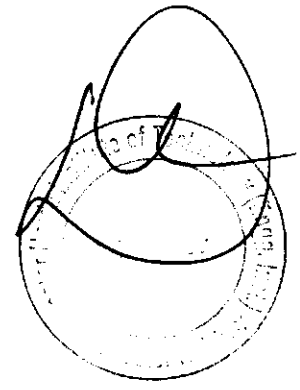
On

"HEALTH AWARENESS"

05 MARCH 2018

Organized by

Electrical Engineering Department



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Webinar on Health Awareness

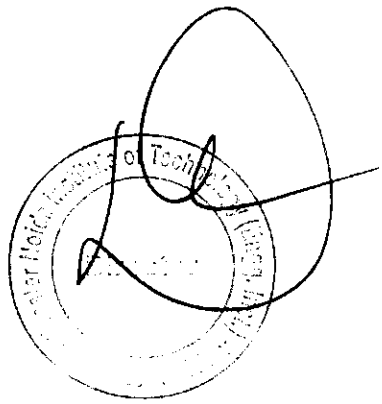
Date: 05.03.2018

The Electrical Engineering (EE) Department has organized a webinar on Health Awareness on 05th March 2028. Dr. EktaAgrawal, MD in homeopathy was the Guest speaker of the webinar. Dr. Ekta interacted with the students of the department and illuminated them with the specifics of living a healthy life. She discussed about a lot of common health problems in our day to day life and suggested measures to treat them. She also discussed about stress management in students' as well as faculties' life. Further she offered free online consultation to the GNIOT students and faculty members as a token of thanks. Students as well as faculty members of the department participated in the webinar with full enthusiasm.

Outcome:

The students became aware of the following:

1. How to live a healthy life?
2. Common health problems and their treatment.
3. Stress management among students as well as faculties

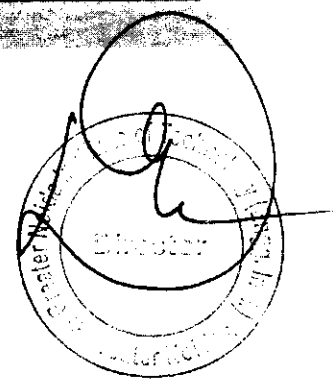


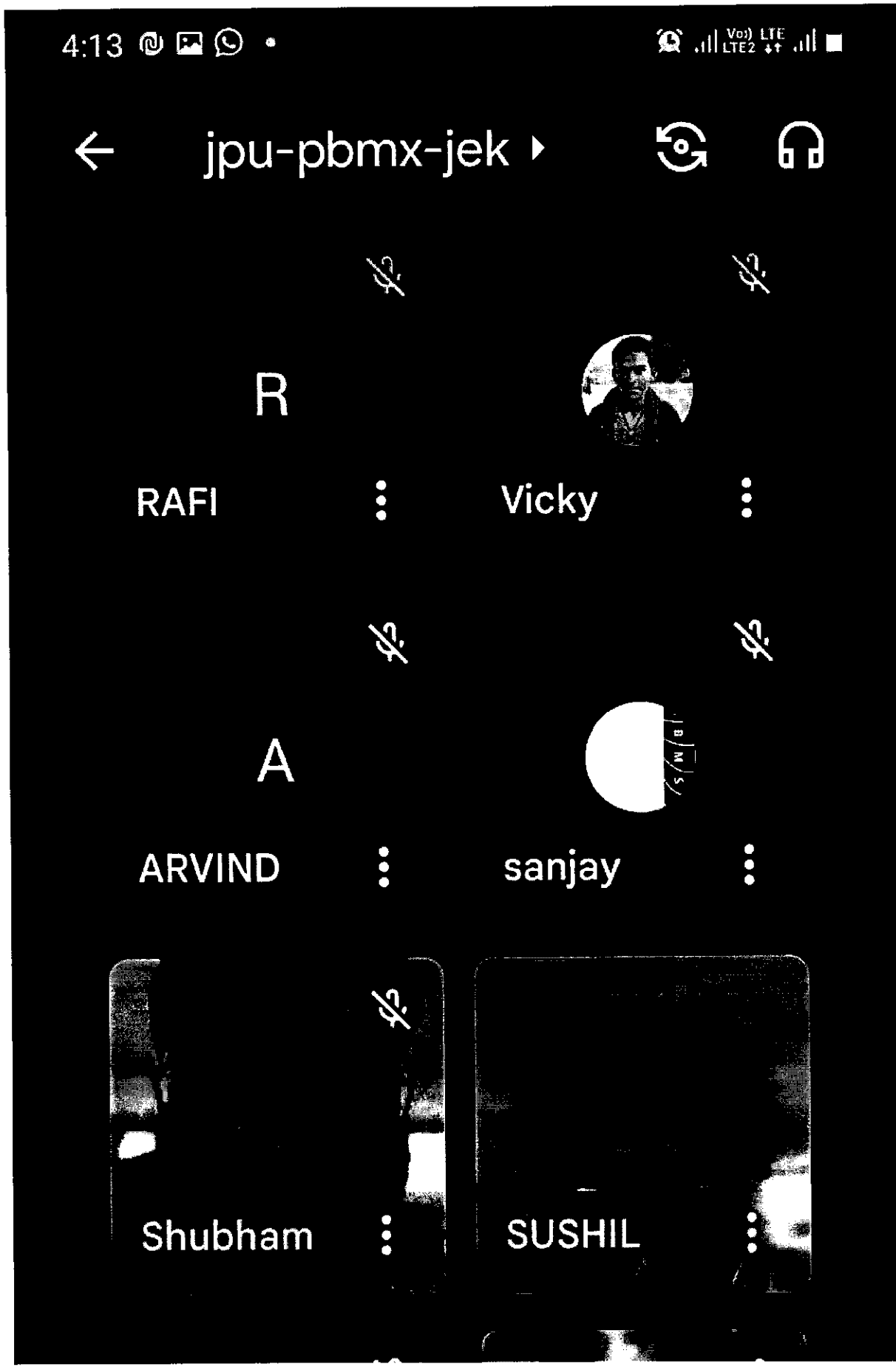
Homoeopathic Doctor

B.H.M.S. (D.U.) M.D. (Govt. Of AYUSH)

Dr. Ekta Agrawal Goel
General Physician

9073458072, ektashubhamgoel@gmail.com




4:13
jpu-pbmx-jek
R
RAFI
Vicky
A
ARVIND
sanjay
Shubham
SUSHIL

ATTENDANCE SHEET (05/03/2018)

S.No.	Enrollment No	Student Name	Status
1	1513220002	ABHISHEK GAUTAM	P
2	1513220004	ADARSH KUMAR YADAV	P
3	1513220005	ADITYA KUMAR	P
4	1513220008	AJEET KUMAR	P
5	1513220009	AKASH KUMAR VERMA	P
6	1513220010	AKSHAY KUMAR	P
7	1513220011	ALOK KUMAR	P
8	1513220014	AMIT KUMAR	P
9	1513220015	AMIT KUMAR	P
10	1513220017	ARCHIT PRAKASH	P
11	1513220018	ARVIND KUMAR AGRAHARI	P
12	1513220019	ASHISH KUMAR	H
13	1513220021	BASANT KUMAR SINGH	P
14	1513220022	BASHARAT HUSSAIN	P
15	1513220024	CHETAN SINGH	P
16	1613220044	VISHAL GAURAV	P
17	1613220038	SHIVENDRA SRIVASTAVA	P
18	1613220003	AJEY PRATAP SINGH	A
19	1613220027	PRANJAL PATHAK	P
20	1613220031	RAKESH CHAUHAN	P

HOD (EE)

ELECTRICAL ENGINEERING DEPARTMENT

NOTICE

GNIOT/EE/2018/ **Date: 07/03/2018**

Subject: Training Session on Document Preparation Using Latex

The Electrical Engineering Department is going to organize a "**Training Session on Document Preparation Using Latex**" at GNIOT, Greater Noida on 09/03/2018. The students of B. Tech (EE) are required to attend the session. The objective of this session is to learn Latex.

Venue: GNIOT, Greater Noida

Date & Time: 09/03/2018 at 09.30 a.m.

Event Coordinator: Mr.Bhuvnesh Kumar

HOD (EE)

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

REPORT

TRAINING SESSION

On

"DOCUMENT PREPARATION USING LATEX"

09MARCH 2018

Organized by

[redacted]

Electrical Engineering Department

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh Nagar, Uttar Pradesh-201310
0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

Document Preparation Using Latex

Date: 09/03/2018

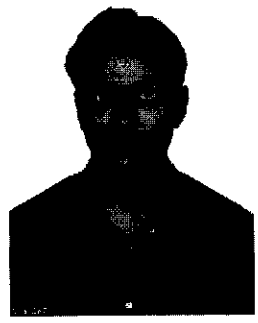
OBJECTIVES:

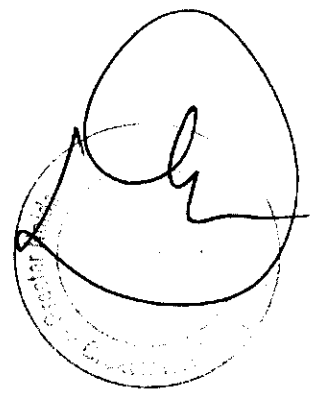
- The objective of the session was to discuss in brief the importance of LATEX for producing documents in an effective manner.
- LATEX is a state-of-the-art document preparation software that may be used for writing reports, thesis, and articles in an effective manner.
- The students were briefed on how to download & install the software, its various segments, how to insert pictures, equations and draw tables.
-

Expert: Dr. Bhuvnesh kumar, Asst. Prof. Department of EE

Profile of the Expert:

- Dr. Bhuvnesh Khokhar received his B.E. (Hons.) in Electrical Engineering from Chhotu Ram State College of Engineering, under MaharshiDayanand University, Haryana, India in 2010
- He received his M. Tech. (Hons.) in Power Systems from DeenbandhuChhotu Ram University of Science & Technology, Haryana in 2012.
- He was awarded Ph.D. in Power Systems from DeenbandhuChhotu Ram University of Science & Technology, Haryana in 2021.
- Currently, he is working as an Assistant Professor in Department of Electrical Engineering, Greater Noida Institute of Technology, GautamBuddh Nagar, Uttar Pradesh, India.
- His research interests include load frequency control, microgrids, optimization algorithms and renewable energy.
- He has a total teaching and research experience of 6 years.





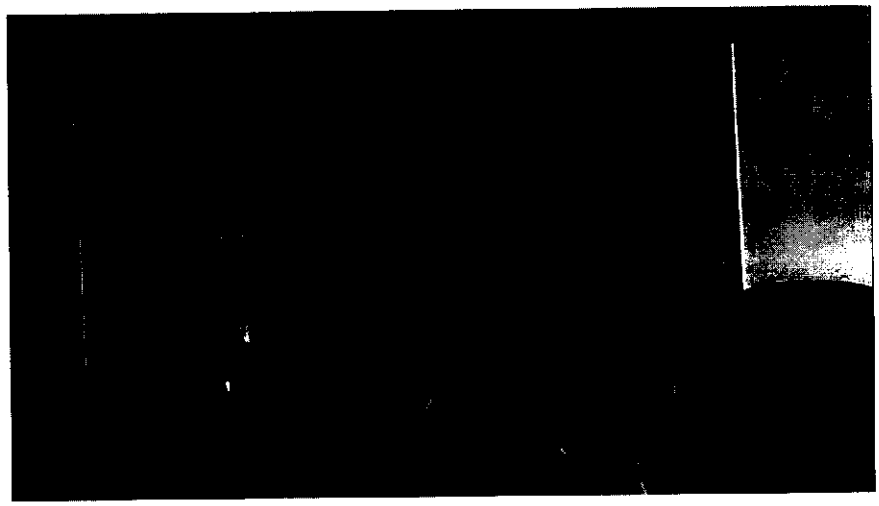
Report of Event:

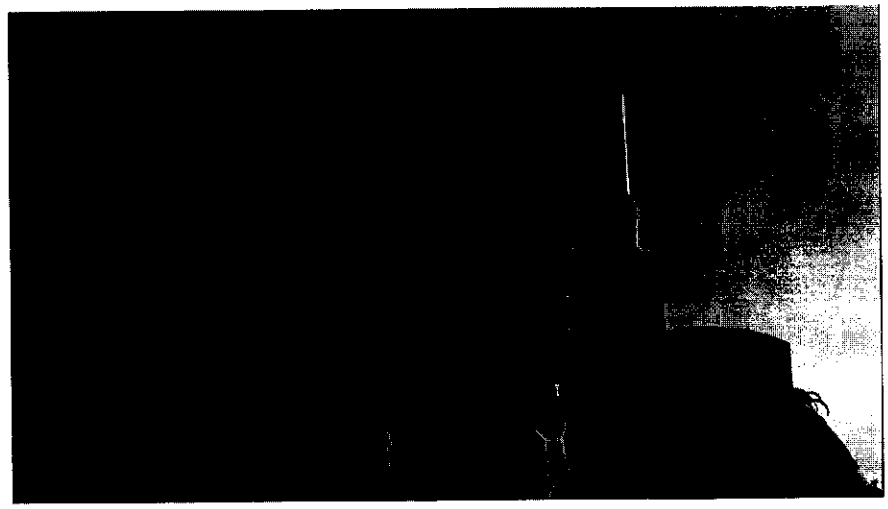
In reference to notice of the Office of Dean (for ARIIA), Research & Development, GNIOT, a training session was organized by the Department of EE on 9th March, 2018 from 9:30AM to 10:00AM. The topic of the webinar was "Document Preparation Using Latex". Dr. Bhuvnesh kumar, Asst. Prof., Dept. of EE, presented the training session. All the students of EE department participated in the session and found the session very interesting.

Outcome of the Event:

- The students were able to get a basic idea about working with the LATEX software.
- The students got to learn how to write equations, insert pictures and draw tables while preparing a document using LATEX.
- They also got to know how an effective citation is done in LATEX.

Photographs of the event:





ATTENDANCE SHEET

S.No.	Enrollment No	Student Name	Status
1	1813220009	KOMAL TIWARI	A
2	1813220010	MD. NEHAL	A
3	1813220011	PANKAJ PAL	A
4	1813220012	PRAVEEN KUMAR VERMA	A
5	1813220013	PUNIT KUMAR PANDEY	A
6	1813220014	PUSHPENDRA SINGH	A
7	1813220015	RAUSHAN KUMAR PANDEY	A
8	1813220016	RISHIKESH SINGH	A
9	1813220017	SANTOSH KUMAR	A
10	1813220018	SHIVAM MODANWAL	A
11	1813220019	STANZIN PAKTO	A
12	1813220021	TAHSEEN AHMAD	A
13	1813220022	VINAY KUMAR TIWARI	A
14	1813220023	VIVEK KUMAR	A
15	1901320209001	AAKASH KUMAR	A
16	1901320209002	ALTAF ALAM	A
17	1901320209003	ANKIT KUMAR PANDEY	A
18	1901320209004	AVINASH KUMAR	A
19	1901320209005	HIMANSHU SHARMA	A
20	1901320209006	MD. ZARGHAM RAZA KHAN	A

HOD (E

ELECTRICAL ENGINEERING DEPARTMENT

NOTICE

GNIOT/EE/2018/01 **Date: 19/03/2018**

Subject: Workshop on Solar Photo Voltaic system

The Electrical Engineering Department is going to organize a "**Workshop on Solar Photo Voltaic system**" at GNIOT, Greater Noida on 22-23/03/2018. The students of B. Tech (EE) are required to attend the workshop. The objective of this workshop is to know aboutsolar photo voltaic systems.

Venue: GNIOT, Greater Noida

Date & Time: 22-23/03/2018 at 10.00 a.m.

Event Coordinator: Mr. Nikhil Gupta

HOD (EE)

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

REPORT

WORKSHOP

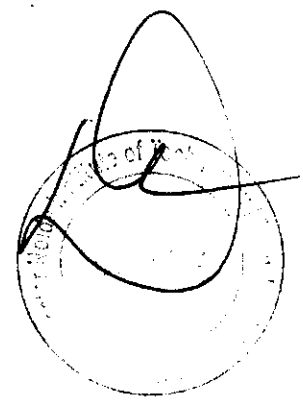
On

"SOLAR PHOTOVOLTAIC SYSTEM"

22-23 MARCH 2018

Organized by

Electrical Engineering Department



(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh Nagar, Uttar Pradesh-201310
0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

Two day workshop on Solar Photovoltaic System

Department :- Electrical Engineering

Activity :- **Two day workshop on Solar Photovoltaic System**

Held on :- 22nd & 23rd March 2018

Venue :- **GNIOT Campus**

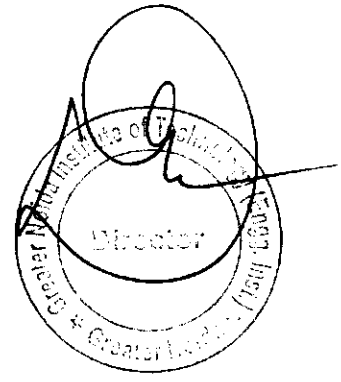
Attended by :- Students of EE department

Brief Report :-

A two-day workshop on Solar Photovoltaic Systems was conducted on 22nd and 23rd March 2018 for the students of EE department. Students found the workshop quiet interactive and got a chance to practically learn the basic operating principles and applications of solar PV modules. Worthy Chairman, Sh. B. L. Gupta, Respected Director, GNIOT and all the esteemed Deans and HODs of various departments were present during the conclusion of the workshop.

Outcome:

The students learnt about the importance of renewable energy resources, particularly solar energy in today's scenario. They got a practical knowledge to learn the operating principles and applications of solar PV modules.

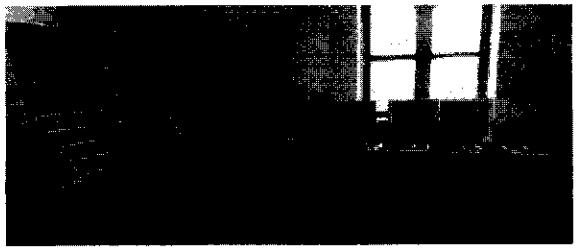


Cc: Media

(a) udgam@gnit.net
(b) director@gniot.net.in

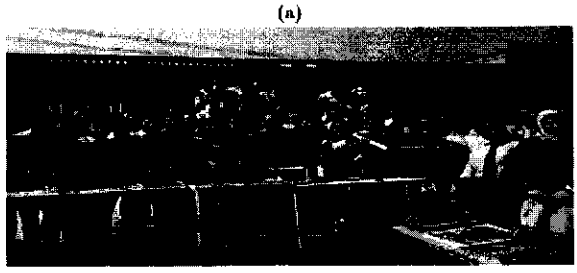
Photographs:- 8

Glimpses of the Two-day Workshop on PV Systems



(a)

(b)



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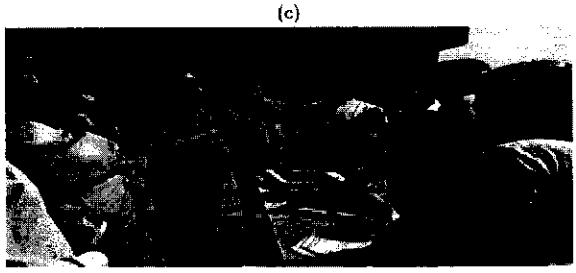
(d)



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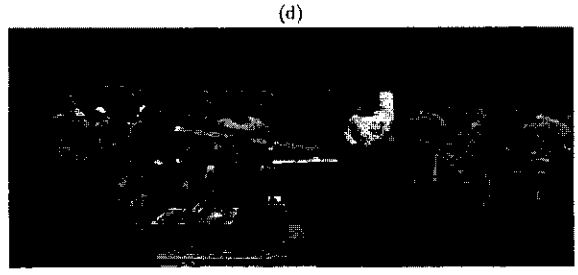

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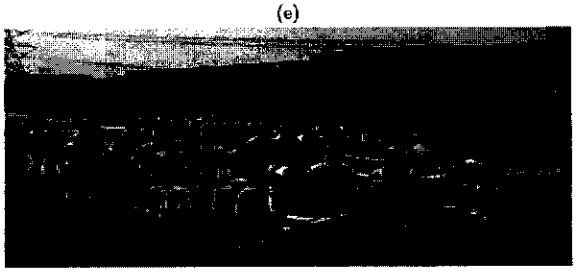

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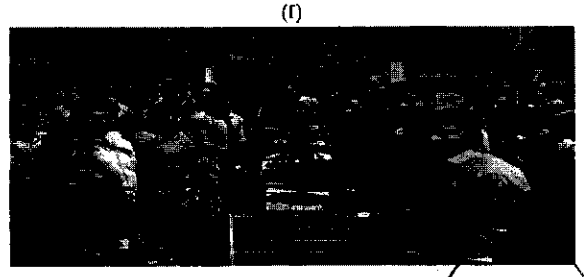


(h)

ATTENDANCE SHEET

S.No.	Enrollment No	Student Name	Status
1	1413220063	RAHUL GUPTA	P
2	1413220066	RAJ KUMAR	P
3	1413220067	RAJESH KUMAR	P
4	1413220065	RAJKUMAR	P
5	1413220068	RAKESH KUMAR	P
6	1413220069	RAMPRAKASH YADAV	P
7	1213220078	RAMSAGAR GUPTA	P
8	1413220070	RAUNAK SHARMA	P
9	1413220079	SATISH KUMAR CHOUBEY	P
10	1413220081	SHAFAQUE KHANAM	P
11	1513220002	ABHISHEK GAUTAM	P
12	1513220004	ADARSH KUMAR YADAV	P
13	1513220005	ADITYA KUMAR	P
14	1513220008	AJEET KUMAR	P
15	1513220009	AKASH KUMAR VERMA	P
16	1513220010	AKSHAY KUMAR	A
17	1513220011	ALOK KUMAR	A
18	1513220014	AMIT KUMAR	P
19	1513220015	AMIT KUMAR	P
20	1513220017	ARCHIT PRAKASH	P
21	1513220018	ARVIND KUMAR AGRAHARI	P
22	1513220019	ASHISH KUMAR	P
23	1513220021	BASANT KUMAR SINGH	P
24	1513220022	BASHARAT HUSSAIN	P
25	1513220024	CHETAN SINGH	P
26	1613220044	VISHAL GAURAV	P
27	1613220038	SHIVENDRA SRIVASTAVA	A
28	1613220003	AJEY PRATAP SINGH	P
29	1613220027	PRANJAL PATHAK	P
30	1613220031	RAKESH CHAUHAN	P
31	1613220010	BIJAY KUMAR	P
32	1613220039	SUDDU KUMAR	P
33	1613220024	MONU KUMAR	P
34	1613220022	MOHD SAQIB MASOOD	P
35	1613220017	MD FAIZ AKRAM	P

Director

36	1513220044	NOOR ALAM ANSARI	P
37	1513220047	RATNESH KUMAR SINGH	P
38	1513220048	RAUNAK KUMAR	A
39	1513220050	SACHIN KUMAR	P
40	1513220052	SANYUKTA KUMARI	P

HOD (CE)

DEPARTMENT OF CIVIL ENGINEERING

Ref: - No. GNIOT/CE/WORKSHOP/01 Date: 03.05.2018

NOTICE

This is to inform all that the **Civil Engineering Department** is organizing an **Online Seminar** on the topic of **"Implementation of Magnetized Water in Concrete** "on **05/05/2018** from **10:00 AM to 12:00 PM**. The expert of this seminar is **Mr. Nikhil Kumar**, he has ten years of industrial experience, during which he oversaw several various projects. He has been teaching at G.L. Bajaj for the past three years.

The online link will be shared with all groups within 30 minutes before the start of the event. The students are asked to participate fully and requested to attend the event on time.

Dr. Brahmpal
HOD, CE

GNIOT ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

WORKSHOP

On

"Implementation of Magnetized Water in Concrete"

05 MAY 2018

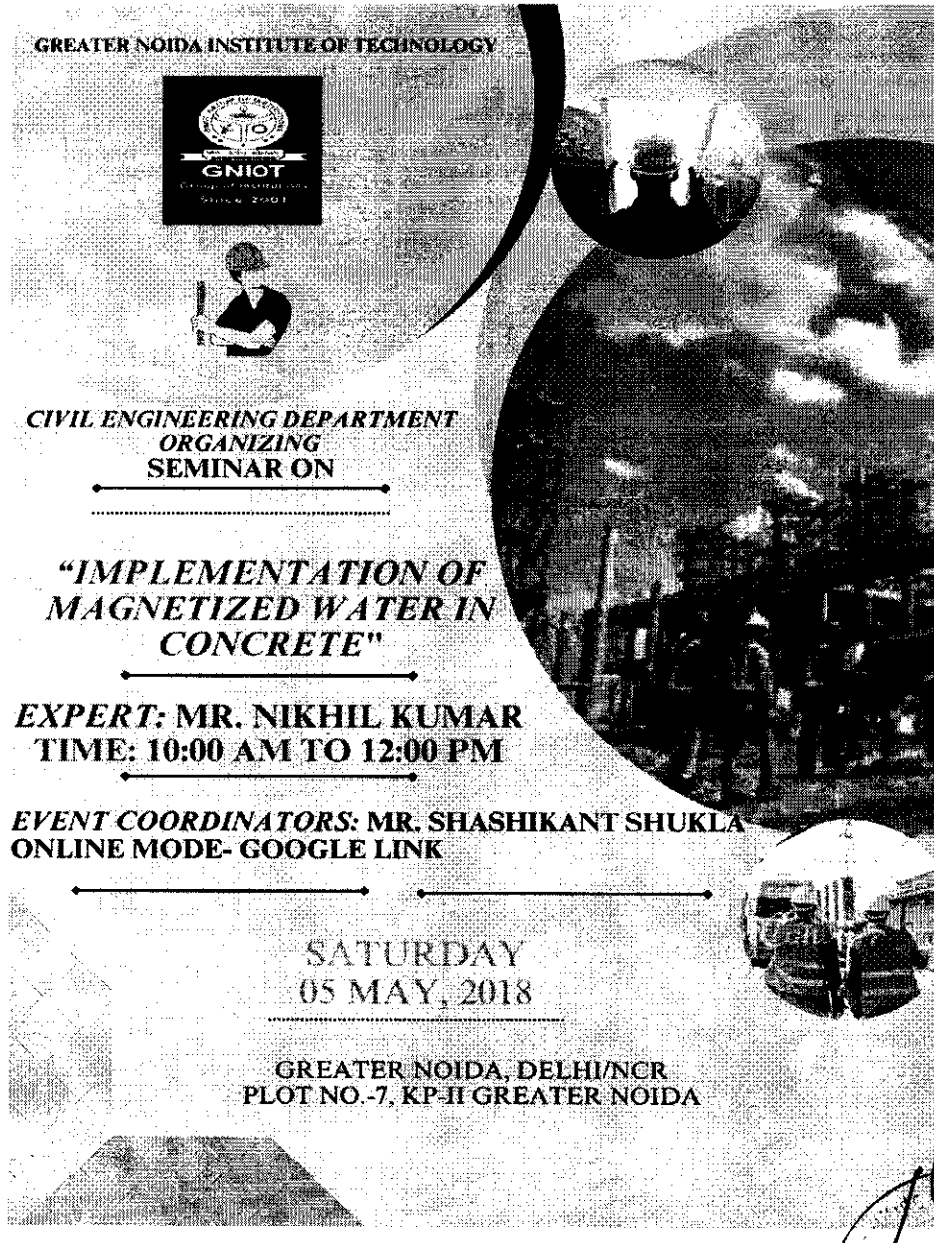
Organized by

GNIOT
Group of Institutions
Since 2001

Department of Civil Engineering
Greater Noida Institute of Technology, Greater Noida

DEPARTMENT OF CIVIL ENGINEERING

Name of Event: Seminar on **"Implementation of Magnetized Water in Concrete"**
Date of Event:05th May 2018
Organized by: Department of Civil Engineering, GNIOT
Event Coordinators: Mr. Shashikant Shukla
Expert: Mr. Nikhil Kumar
Event Poster:



Event Description:

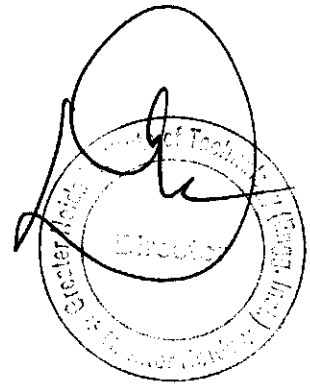
"Construction is a matter of Optimism: It's a matter of facing the future with CONFIDENCE"

The Department of Civil Engineering Successfully organized an Online Seminar on **"Implementation of Magnetized Water in Concrete"**on **05.05.2018.**

Our distinguished speaker for the event, **Mr. Nikhil Kumar**, was a specialist on concrete's most recent market developments. Mr. Nikhil Kumar has ten years of industrial experience, during which he oversaw several various projects. He has been teaching at G.L. Bajaj for the past three years.

Self- healing Concrete, Light Generating Concrete and many other types of concrete and their benefits were discussed with the students. The purpose of this lesson was to teach students how different types of concrete, accelerators, and retarders help to increase the strength and durability of concrete. This lesson was not only fascinating, but it also contained crucial information that would aid students in their job interviews. All felt the entire program was highly useful, interesting, and educational.

Event Photos:



Greater Noida Institute of Technology

SL NO	NAME	ROLL NO	Attendance
1	1513200078	JAI	Ab.
2	1513200086	KANHAIYA KUMAR	P
3	1613200001	AAJAM	Ab.
4	1613200004	ABHISHEK	Ab.
5	1613200005	ABHISHEK KUMAR	P
6	1613200006	ABHISHEK SINGH	P
7	1613200007	ADARSH	P
8	1613200008	ADARSH RAI	Ab.
9	1613200010	AJAY TIWARI	P
10	1613200011	AKASH KUMAR	P
11	1613200012	ALOK VARDHAN	Ab.
12	1613200013	AMIT KUMAR	P
13	1613200014	AMIT KUMAR	Ab.
14	1613200015	AMIT SHUKLA	P
15	1613200017	ANISH KUMAR SAH	P
16	1613200019	AQUIB JOHN	P
17	1613200020	ASHAD AMJAD	Ab.
18	1613200021	ASIF ALI	P
19	1613200022	ATUL SINGH	P
20	1613200023	AVINASH KUMAR	P
21	1613200025	BHANU PRATAP YADAV	P
22	1613200027	DEEPAK KUMAR SAH	Ab.
23	1613200028	DHRUV TIWARI	P
24	1613200029	DIGAMBER YADAV	P
25	1613200033	FAISAL IMAM	Ab.

26	1613200034	FARHAAD HASEEB	P
27	1613200035	FARHAN AKHTAR KHAN	AL.
28	1613200036	FAYEZ NOOR	AB.
29	1613200037	GAURAV	P
30	1613200039	GULRAIZ HAIDER	P
31	1613200040	HAMMAD ZAFAR	P
32	1613200043	KUNAL KAUSHIK	P
33	1613200046	MANOJ RAUNIYAR	P
34	1613200047	MASHUM ALI	P
35	1613200048	MAYANK RAJ	AB.
36	1613200050	MD RAZA	AB
37	1613200051	MD SHAMSHAD	P
38	1613200052	MD AFTAB ALAM	P
39	1613200053	MD AMAN ANSARI	Ab.
40	1613200054	MD ARMAN ALAM	P
41	1613200055	MD FAIZ ALI	P
42	1613200056	MD INZAMAMUL HAQUE	AB.
43	1613200059	MD JAWED ALAM	P
44	1613200060	MD KAMRAN ANWAR SIDDIQUE	AB.
45	1613200061	MD MAHTAB ALAM	P

46	1613200062	MD MASHRUR FAIZI KHAN	P
47	1613200063	MD NAJMUL SHAKIB	P
48	1613200065	MD SAHZAD	P
49	1613200066	MD SAMEEM AKHTAR	P
50	1613200068	MD SHAHNAWAZ ALAM	P
51	1613200070	MD TANVEER KHAN	AB.
52	1613200071	MIRZA SHAHRUKH MOHSIN	P
53	1613200072	MOHAMMAD HARIS	P
54	1613200074	MOHAMMAD ZEESHAN AZAM	P
55	1613200075	MOHAN KUMAR	P
56	1613200076	MOHD AATIF	AB.
57	1613200080	MOHD YUSUF ALI	AL.
58	1613200081	MOHD ZAFAR NAQVI	P
59	1613200082	MUKESH KUMAR YADAV	AB.
60	1613200083	NAJMUL AZAM	P
61	1613200084	NASIR ASAD	P
62	1613200085	NAVEEN KUMAR	P
63	1613200086	NEERAJ BHARDWAJ	AB.

64	1613200087	NEERAJ SINGH	AL.
65	1613200088	NIKHIL KHARI	P
66	1613200089	NIRAJ KUMAR	AL.
67	1613200090	NIRMAL KUMAR	P
68	1613200091	PRAKASH PANDEY	P
69	1613200093	PRATEEK KUMAR	AL.
70	1613200095	QAZI MOHAMMAD AZHAR	P
71	1613200096	QUMRE AZAM	AL.
72	1613200097	RAHMATULLAH RAINE	P
73	1613200098	RAHUL KUMAR	AL.
74	1613200099	RAHUL KUMAR DIXIT	P
75	1613200100	RAHUL RAO AMBEDKAR	P
76	1613200104	RAVI RANJAN	AL.
77	1613200105	RAVI PRAKASH SINGH	P
78	1613200107	RISHAV KUMAR	AL.
79	1613200108	ROHAN KUMAR SHRIVASTAVA	P
80	1613200110	SAURABH PANDEY	P
81	1613200124	SUMIT UMRAO	AL.
82	1613200126	TANWEER AHAMAD	P

DEPARTMENT OF CIVIL ENGINEERING

Ref: - No. GNIOT/CE/EVEN/Events/EXPERTTALK/03 Date: 22.07.2018

NOTICE

This is to inform the students that as per the academic calendar the department is organizing an Expert Talk on the topic "on **Investigation and Characterization of the Solid Waste Disposal Sites and its Impact on Soil**" for the current semester, on 17th August 2017 from 02 PM to 05 PM.
The students are requested to be present in full strength and take the maximum benefits of the expert talk.

HOD-CE

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

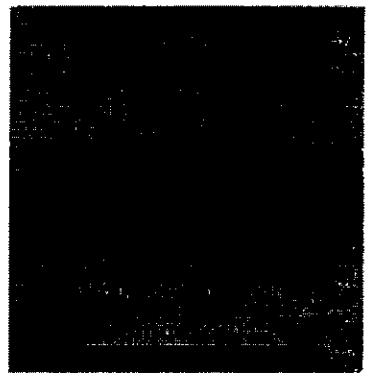
Expert Talk

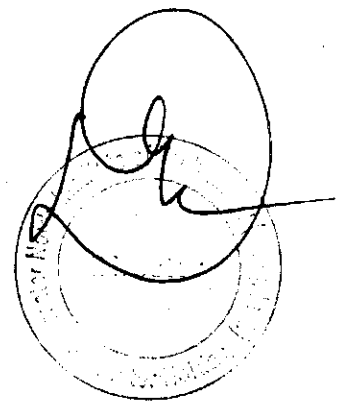
On

"Investigation and Characterization of the Solid Waste Disposal Sites and its Impact on Soil"

17 AUGUST 2017

Organized by

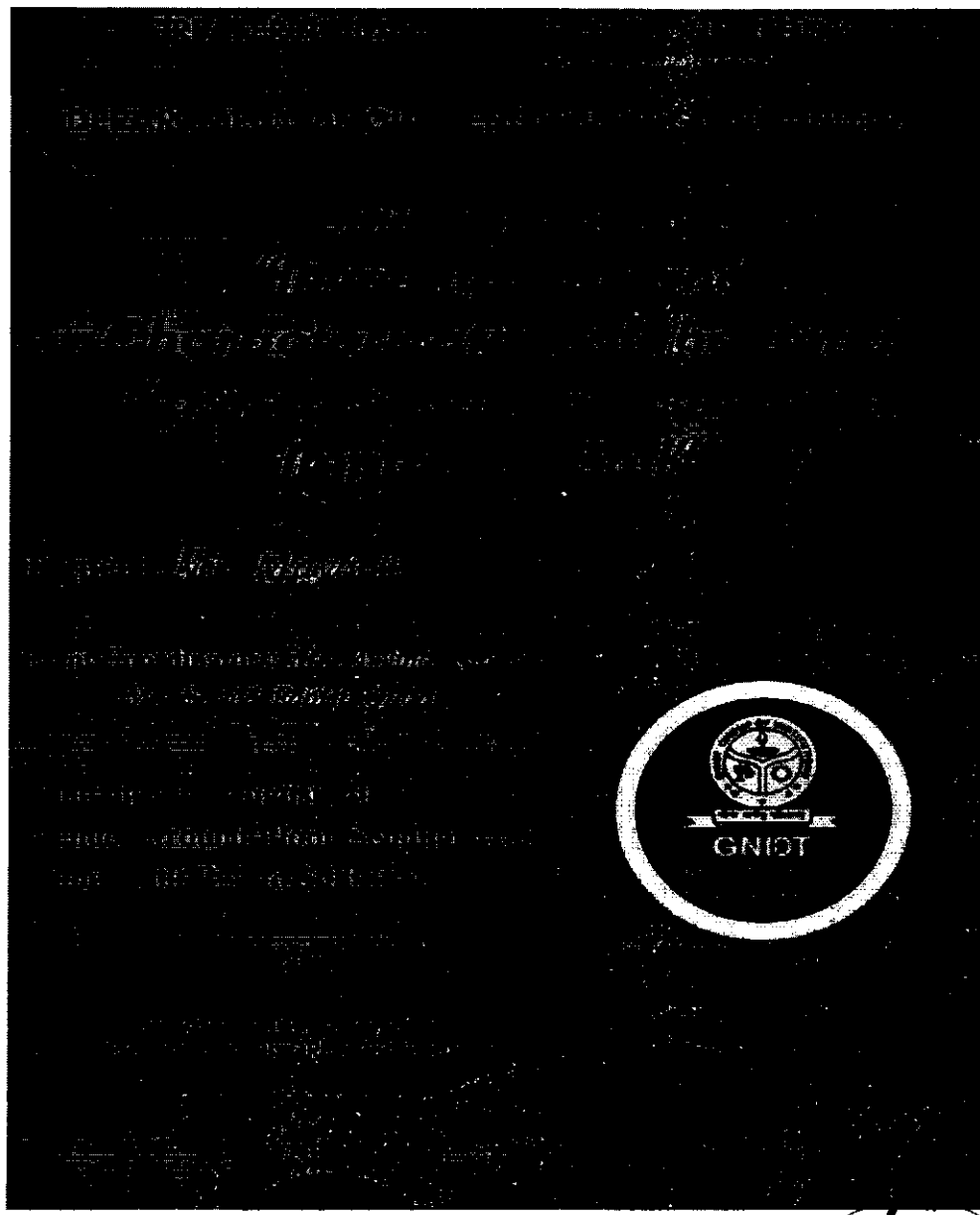




Department of Civil Engineering
Greater Noida Institute of Technology, Greater Noida

DEPARTMENT OF CIVIL ENGINEERING

Name of Event: Expert Talk on **Investigation and Characterization of the Solid Waste Disposal Sites and its Impact on Soil**
Date of Event:17th August 2017
Organized by: Department of Civil Engineering, GNIOT
Event Coordinators: Mr. Arvind Kumar& Mr. Sayed Tabish Quadri
Expert: Mr. Mayank
Event Poster:



Event Description:

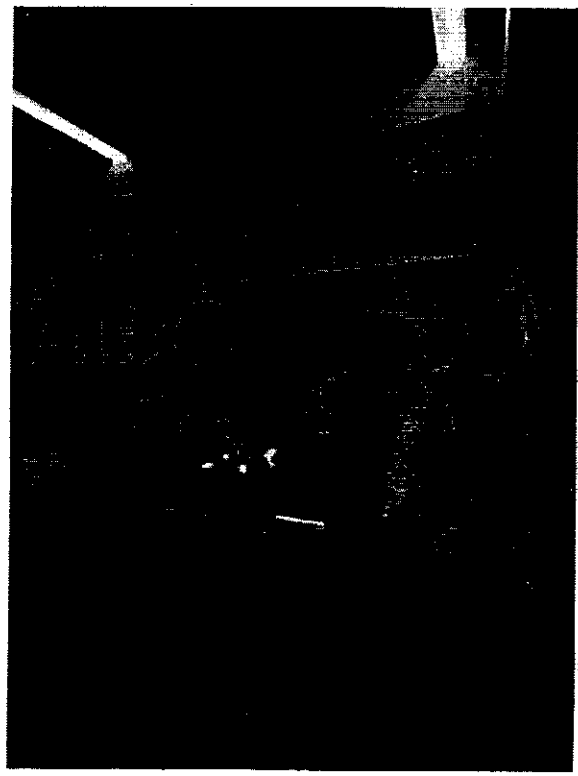
"Solid Wastes" are the discarded leftovers of our advanced consumer society"

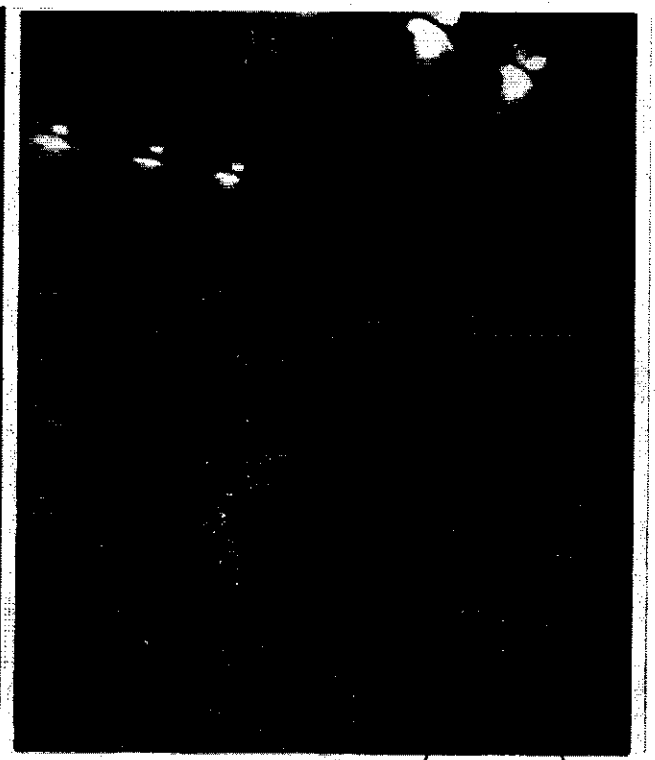
The Department of Civil Engineering Successfully organized the Expert Talk on **'Investigation and Characterization of the Solid Waste Disposal Sites and its Impact on Soil"** on**17.08.2017.**

Mr. Mayank, a specialist in solid waste management, was our noted guest speaker for the occasion. Mr. Mayank has experience working on several projects, including the Kheri Bridge and Modern Construction Building. He has more than three years of site experience.

Students were expected to learn how solid waste impacts soil and how that affects a structure's strength as well as how to reduce and reduce the dangers that come with industrial waste and sewage sludge waste to extend the life of the building. Students found the entire event to be incredibly educational, engaging, and informative.

Event Photos:





Sl. No	Student Name	Student Roll Number	Attendance
1	1513200006	ABHIJEET KUMAR	P
2	1513200010	ABHISHEK BHASKAR	A
3	1513200021	AKASH KUMAR	P
4	1513200078	JAI	P
5	1513200086	KANHAIYA KUMAR	P
6	1613200001	AAJAM	P
7	1613200004	ABHISHEK	P
8	1613200005	ABHISHEK KUMAR	A
9	1613200006	ABHISHEK SINGH	P
10	1613200007	ADARSH	P
11	1613200008	ADARSH RAI	P
12	1613200010	AJAY TIWARI	P
13	1613200011	AKASH KUMAR	P
14	1613200012	ALOK VARDHAN	P
15	1613200013	AMIT KUMAR	P
16	1613200014	AMIT KUMAR	A
17	1613200015	AMIT SHUKLA	P
18	1613200017	ANISH KUMAR SAH	A
19	1613200019	AQUIB JOHN	
20	1613200020	ASHAD AMJAD	A
21	1613200021	ASIF ALI	P
22	1613200022	ATUL SINGH	P
23	1613200023	AVINASH KUMAR	A
24	1613200025	BHANU PRATAP YADAV	A
25	1613200027	DEEPAK KUMAR SAH	A
26	1613200028	DHRUV TIWARI	P
27	1613200029	DIGAMBER YADAV	P
28	1613200033	FAISAL IMAM	P

29	1613200034	FARHAAD HASEEB	A
30	1613200035	FARHAN AKHTAR KHAN	P
31	1613200036	FAYEZ NOOR	P
32	1613200037	GAURAV	P
33	1613200039	GULRAIZ HAIDER	P
34	1613200040	HAMMAD ZAFAR	P
35	1613200043	KUNAL KAUSHIK	P
36	1613200046	MANOJ RAUNIYAR	P
37	1613200047	MASHUM ALI	A
38	1613200048	MAYANK RAJ	P
39	1613200050	MD RAZA	P
40	1613200051	MD SHAMSHAD	P
41	1613200052	MD AFTAB ALAM	A
42	1613200053	MD AMAN ANSARI	A
43	1613200054	MD ARMAN ALAM	P
44	1613200055	MD FAIZ ALI	P
45	1613200056	MD INZAMAMUL HAQUE	A
46	1613200059	MD JAWED ALAM	P
47	1613200060	MD KAMRAN ANWAR SIDDIQUE	P
48	1613200061	MD MAHTAB ALAM	P
49	1613200062	MD MASHRUR FAIZI KHAN	P
50	1613200063	MD NAJMUL SHAKIB	P
51	1613200065	MD SAHZAD	P
52	1613200066	MD SAMEEM AKHTAR	A
53	1613200068	MD SHAHNAWAZ ALAM	P
54	1613200070	MD TANVEER KHAN	P
55	1613200071	MIRZA SHAHRUKH MOHSIN	A

56	1613200072	MOHAMMAD HARIS	P
57	1613200074	MOHAMMAD ZEESHAN AZAM	A
58	1613200075	MOHAN KUMAR	P
59	1613200076	MOHD AATIF	A
60	1613200080	MOHD YUSUF ALI	P
61	1613200081	MOHD ZAFAR NAQVI	P
62	1613200082	MUKESH KUMAR YADAV	P
63	1613200083	NAJMUL AZAM	P
64	1613200084	NASIR ASAD	A
65	1613200085	NAVEEN KUMAR	A
66	1613200086	NEERAJ BHARDWAJ	P
67	1613200087	NEERAJ SINGH	P
68	1613200088	NIKHIL KHARI	P
69	1613200089	NIRAJ KUMAR	A
70	1613200090	NIRMAL KUMAR	P
71	1613200091	PRAKASH PANDEY	P
72	1613200093	PRATEEK KUMAR	P
73	1613200095	QAZI MOHAMMAD AZHAR	P
74	1613200096	QUMRE AZAM	P
75	1613200097	RAHMATULLAH RAINE	A
76	1613200098	RAHUL KUMAR	P
77	1613200099	RAHUL KUMAR DIXIT	P
78	1613200100	RAHUL RAO AMBEDKAR	P
79	1613200104	RAVI RANJAN	P
80	1613200105	RAVI PRAKASH SINGH	A
81	1613200107	RISHAV KUMAR	P
82	1613200108	ROHAN KUMAR SHRIVASTAVA	A

83	1613200110	SAURABH PANDEY	A
84	1613200124	SUMIT UMRAO	P
85	1613200126	TANWEER AHAMAD	P
86	1613200127	TUSHAR KUMAR SINGH	P
87	1613200128	VISHAL SHARMA	A
88	1613200129	VIVEK	P
89	1613200130	VIVEK KUMAR SINGH	P
90	1613200134	ZAHID AZAD	P
91	1613213030	APURV PANDEY	P
92	1665400002	ABDUL BASIT	P
93	1665400005	BASUKI NATH JHA	A
94	1665400008	KSHITIJ KUMAR	P
95	1665400012	MOHD ABID ZAKIR	A
96	1665400014	MOHD SUHAIL	P
97	1665400018	RAHUL KUMAR	P
98	1713200902	ANAND MOHAN	P
99	1713200903	ANIMESH PANDEY	P
100	1713200904	ANKIT BHARDWAJ	P
101	1713200906	BHARTENDU KUMAR SINGH	P
102	1713200907	CHIRAG SHARMA	A
103	1713200908	DIVYA VERMA	P
104	1713200909	FARUKH AHMAD	P
105	1713200910	HIMANSHU VERMA	P
106	1713200911	PAYAL RATNAKAR RAJ	P
107	1713200913	MD NASEEM ANSARI	A
108	1713200915	PARVESH KUMAR	P
109	1713200916	PRAVEEN KUMAR	A

Department of Mechanical Engineering

Ref: - No. GNIOT/ME/ 2017/ **Date:** 10th August 2017

NOTICE

It is hereby informed to all the students of 3rd year that as per the academic calendar the Mechanical Engineering Department is organizing a Workshop on "**Robotics**" on 18th August **2017** at AKGEC, Ghaziabad.

The students are advised to present in full strength and take the maximum benefit from the event.

Dr. Sudhir Kumar
(HOD-ME)

Copy to;

1. The Director; For kind information please
2. All concerned
3. Notice boards

"Workshop"

ON

Robotics

18th August, 2017

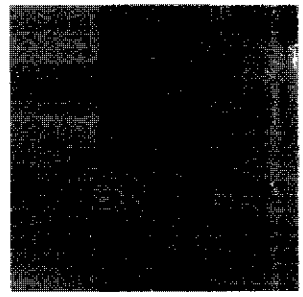
(09:30 AM onwards)

AKGEC, Ghaziabad

REPORT

Organized by

Department of Mechanical Engineering



Greater Noida Institute of Technology Engg Inst. ★ Greater Noida ★ HoD ME

Greater Noida Institute of Technology (GNIOT)

Knowledge park-II, Greater Noida– 201308

www.gniot.net.in

Director

Activity Report

Department:- Mechanical Engineering.

Activity:- Workshop on Robotics

Held On:- 18th August 2017

Venue:- AKGEC-KUKA, GHAZIABAD

Attended by:- Chandan Kumar, Ashutosh Kumar and **29** students of Mechanical Engineering department(3rd year)

Brief Report:-

AKGEC, jointly with KUKA Robotics, has set up India's first Industrial Robotics Training Centre for Educational Institutions. This Centre is set up to produce highly skilled technical manpower to fulfill the need of Indian Manufacturing Industry and adopt latest technologies to improve production quality and efficiency. The Centre has state of art equipment presently used in industry

The Centre aims to train engineering/diploma students of all disciplines and industry professionals to meet Industry requirements and foster research in the field of applied robotics. It trains UG/PG Students and Industry Professionals. Students from all over India have been using the facility. Outside India AKGEC-KUKA has collaborations with Industry & University in Germany.

The Project became Operational: 05-05-2011 and is still operating. The programme is really innovative because it has a unique approach and facility nucleated by KUKA nestled in AKGEC and nurtured by user industry. Industries may use this centre as a highly productive human resource development centre of their own. Sponsored projects help Industries to adopt this centre as their "innovation backyard". Offers Industry ready professionals in advanced technology areas like Robotics, it offers

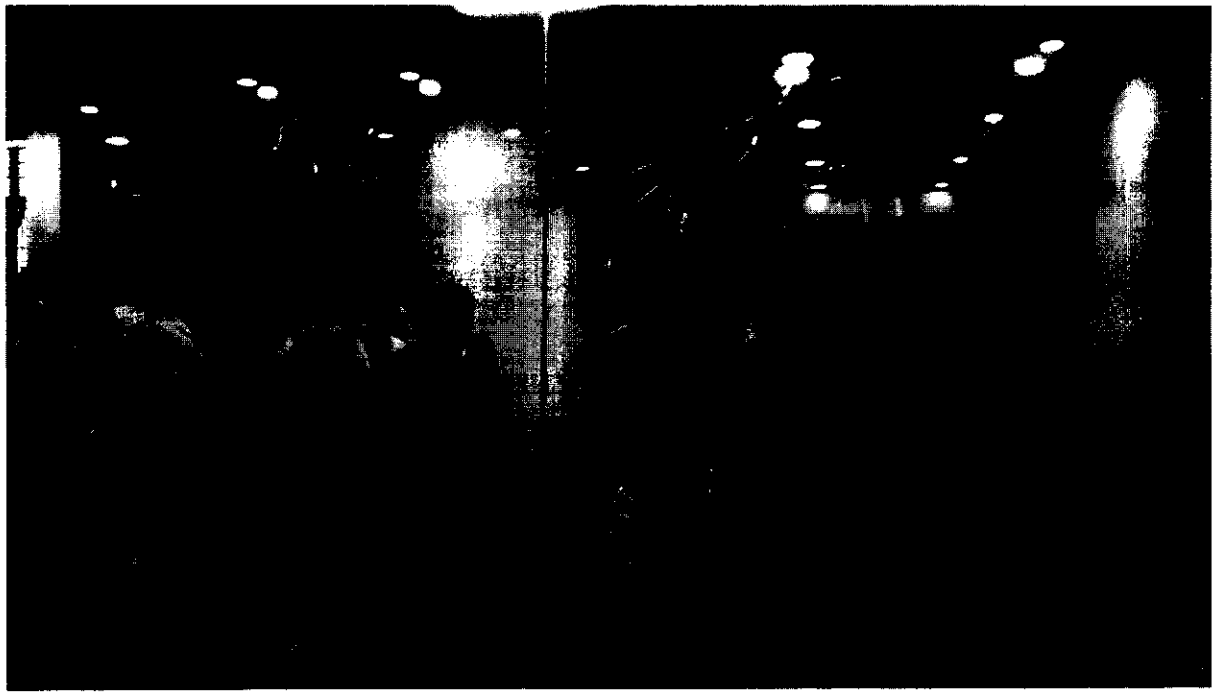
HOD-ME

hands on Experience with wide range of Robots leading to internationally recognized certification

Photographs:

HoD/ME

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)



HoD-ME

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh Nagar, Uttar Pradesh-201310
0120-2328214/15/16 | 1800 274 6969 director@gniot.net.in www.gniot.net.in

Department of Mechanical Engineering				
List of Students				
S. No.	Roll No	Name of the Student	Year & Section	Signature
1	1513240087	HARSHIT VERMA	3A	
2	1513240032	AMIT KUMAR	3A	
3	1513240018	ADITYA RAJ	3A	
4	1513240233	UDDESHYA KUMAR	3A	
5	1513240004	ABHIJEET DUTTA	3A	
6	1513240040	ANKESH KUMAR SINGH	3A	
7	1513240196	SACHIN SHARMA	3A	
8	1513240146	NISHANT SIROTHIYA	3A	
9	1513240149	NITIN YADAV	3A	
10	1513240173	RAJ KUMAR	3A	
11	1513240102	KRISHNANDAN KUMAR DWIVEDI	3A	
12	1513240090	IRFAN AHMAD	3A	
13	1513240072	DEVESH CHATURVEDI	3A	
14	1513240003	ABHAS PANDEY	3A	
15	1513240194	SABIR RAZA KHAN	3A	
16	1513240200	SAMEER AKHTAR	3A	
17	1513240193	RUPESH KUMAR	3A	
18	1513240224	SPARSH MISHRA	3A	
19	1513240105	KUNDAN KUMAR SINGH	3A	
20	1513240056	ASHISH MISHRA	3A	
21	1513240006	ABHIJEET KUMAR SINGH	3A	
22	1513240202	SARWAR SHAMIM	3A	
23	1513240044	ANKIT SHUKLA	3A	
24	1513240111	MAYANK SINGH	3A	
25	1513240140	MUZAMMIL AKHTER	3A	
26	1513240198	SAJID ZEYA	3A	
27	1513240110	MAYANK SHUKLA	3A	
28	1513240093	JAY KISHAN	3A	
29	1513240075	DURGESH KUMAR	3A	
30	1513240062	BRIJESH SINGH BAGHEL	3A	

Signature of HOD
Dr. Sudhir Kumar

HoD ME

Department of Mechanical Engineering

Ref: - No. GNIOT/ME/ 2017/ **Date:** 13th November 2017

NOTICE

It is hereby informed to all the students of 3rd year that as per the academic calendar the Mechanical Engineering Department is organizing an Expert Lecture on **"Microwave Welding"** on 17th November **2017.**

The students are advised to present in full strength and take the maximum benefit from the event.

Greater Noida Institute of Technology (Engg. Institute) HoD-ME ★ Greater Noida ★

Dr. Sudhir Kumar
(HOD-ME)

Copy to;

1. The Director; For kind information please
2. All concerned
3. Notice boards

"Expert Lecture"

on

Microwave Welding

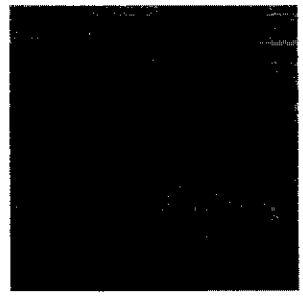
17th November, 2017

(12:30 PM to 2:30PM)

REPORT

Organized by

Department of Mechanical Engineering



Greater Noida Institute of Technology (GNIOT)

Knowledge park-II, Greater Noida– 201308

www.gniot.net.in

Activity Report

Department:- Mechanical Engineering.

Activity:- Guest Lecture on "Microwave Welding"

Held On:- 17th November 2017

Venue:- Seminar Hall, ground floor.

Attended by:- Director sir, H.O.D. Mechanical, faculty members of Mechanical Engineering department and all the students of B.Tech Mechanical third year of G.N.I.O.T.

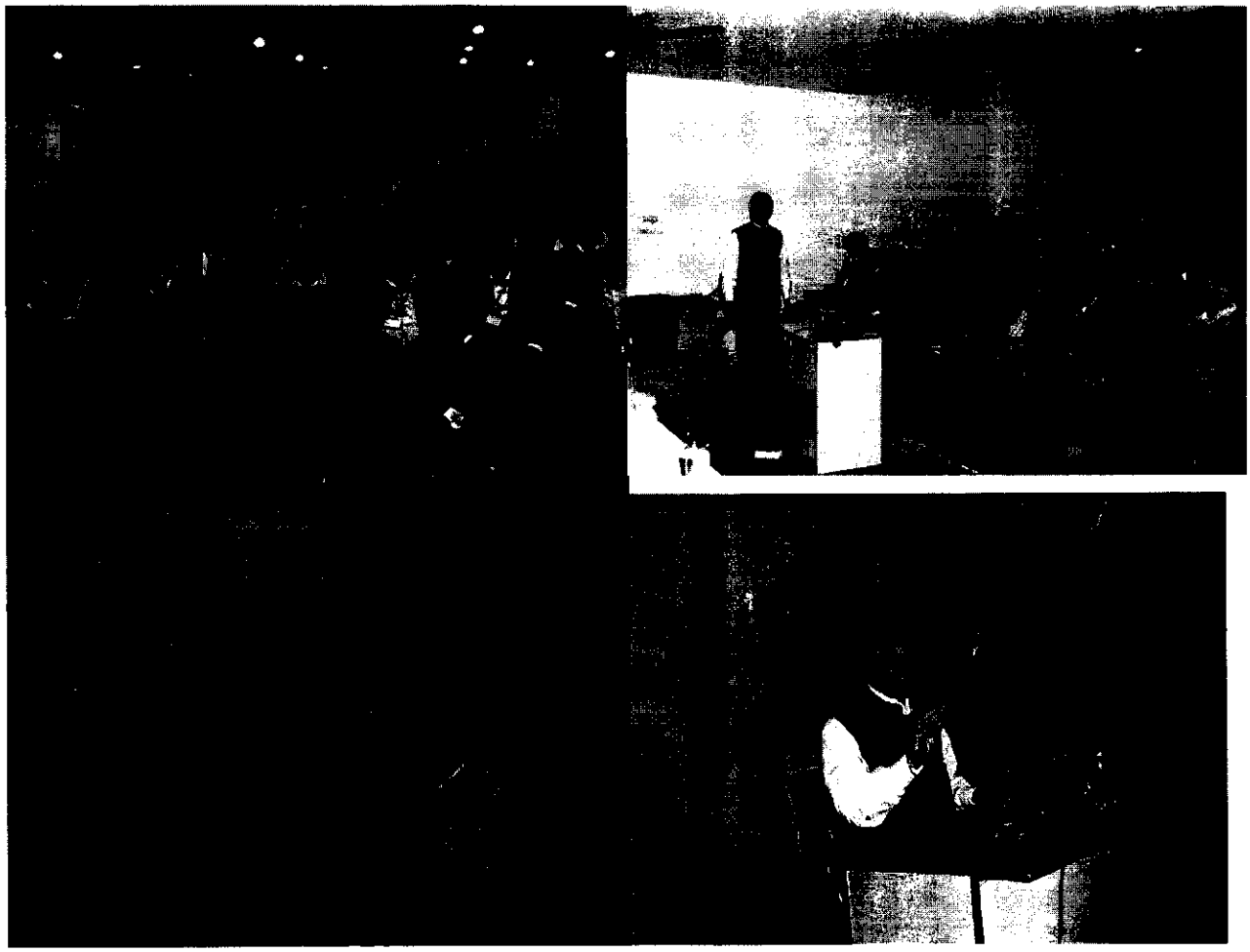
Brief Report:-

With the help of the college management and the efforts of the H.O.D. Mechanical Engineering and various faculty members of the department, a guest lecture on "Microwave Welding" was conducted in our college on Friday the 17th of November 2017 for B.Tech Mechanical Engineering third year students by a speaker of very high repute, Professor Dr. Pradeep Kumar. The session was initiated by the Director of our college, Dr. Rohit Garg addressing and motivating the students followed by a brief introduction of the subject and the speaker. The knowledge and experience of the speaker turned out to be very fruitful for the students as they were enlightened very comfortably by the speaker.

It was a single session of 2 hours ranging from 12:30 pm to 2:30 pm. It was a very productive lecture in which the students were made aware about a newly researched and novel technique of welding, Microwave welding, which was an innovation and patent disclosure of the respected speaker Professor Dr. Pradeep Kumar. In the presentation students were introduced to the basics of this welding process, along with its experimental setup and working. It was explained how the energy of electromagnetic waves is used to heat the spot where welding is to be performed. Benefits of this technique along with the comparison with some pre existing techniques were explained. Overall it was a very fruitful lecture for the students in which they came to know about a new and advanced technology in welding.

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★ HoD-ME

Photographs:



Greater Noida Institute of Technology (Engg. Inst.)
HoD/ME

Department of Mechanical Engineering				
List of Students				
S. No.	Roll No	Name of the Student	Year & Section	Signature
1	1513240156	PRADEEP KUMAR	3A	
2	1513240051	ARUN KUMAR	3A	
3	1513240012	ABHISHEK KUMAR	3A	
4	1513240082	GAURAV YADAV	3A	
5	1513240242	VISHAL KUMAR	3A	
6	1513240237	VAIBHAV KUMAR SINGH	3A	
7	1513240166	PRIYESH KUMAR MISHRA	3A	
8	1513240091	ISHAN DINKAR	3A	
9	1513240055	ASHISH KUMAR	3A	
10	1513240024	AKHILESH KUMAR YADAV	3A	
11	1513240145	NISHANT KUMAR	3A	
12	1513240232	TUSHAR VATSA	3A	
13	1413240217	SYED USMAN ANWAR	3A	
14	1413240090	KAUSHAL KUMAR PANDEY	3A	
15	1413240189	SAURABH KUMAR	3A	
16	1213240131	NEERAJ	3A	
17	1313240156	SHIVAM	3A	
18	1313240105	MUAZZAM IRSHAD	3A	
19	1513240105	KUNDAN KUMAR SINGH	3A	
20	1513240056	ASHISH MISHRA	3A	
21	1513240006	ABHIJEET KUMAR SINGH	3A	
22	1513240202	SARWAR SHAMIM	3A	
23	1513240044	ANKIT SHUKLA	3A	
24	1513240111	MAYANK SINGH	3A	
25	1513240140	MUZAMMIL AKHTER	3A	
26	1513240198	SAJID ZEYA	3A	
27	1513240110	MAYANK SHUKLA	3A	
28	1513240042	ANKIT KUMAR SINGH	3A	
29	1513240061	BADRUDDIN ALAM	3A	
30	1513240249	WARISH IMAM	3A	
31	1513240155	PIYUSH KUMAR SINGH	3A	
32	1513240231	TAUSIF AZAD	3A	

Signature of HOD
Dr. [illegible]

Department of Mechanical Engineering

Ref: - No. GNIOT/ME/ 2018/ **Date:** 27th Feb 2018

NOTICE

It is hereby informed to all the students of 3rd year that as per the academic calendar the Mechanical Engineering Department is organizing an Industrial Visit to "**Super Cryogenic Systems Pvt. Ltd.**" on **05th March 2018.**

The students are advised to present in full strength and take the maximum benefit from the event.

Dr. Sudhir Kumar
(HOD-ME)

Copy to;

1. The Director; For kind information please
2. All concerned
3. Notice boards

"Industrial Visit"

to

Super Cryogenic Systems Pvt. Ltd.

05th March, 2018

(09:30 AM to 2:30PM)

REPORT

Organized by

Department of Mechanical Engineering

Greater Noida Institute of Technology (GNIOT)

Knowledge park-II, Greater Noida– 201308

www.gniot.net.in

Activity Report

Department:- Mechanical Engineering

Activity:- Industrial Visit

Held On:- 5th March 2018.

Venue:- **Super Cryogenic Systems Pvt. Ltd., Sector-8, NOIDA**

Attended by:- **Mr. Ashish Rohilla, Mr. Anuj Vikal, 32 students of B.Tech Mechanical Engineering**

Brief Report:-

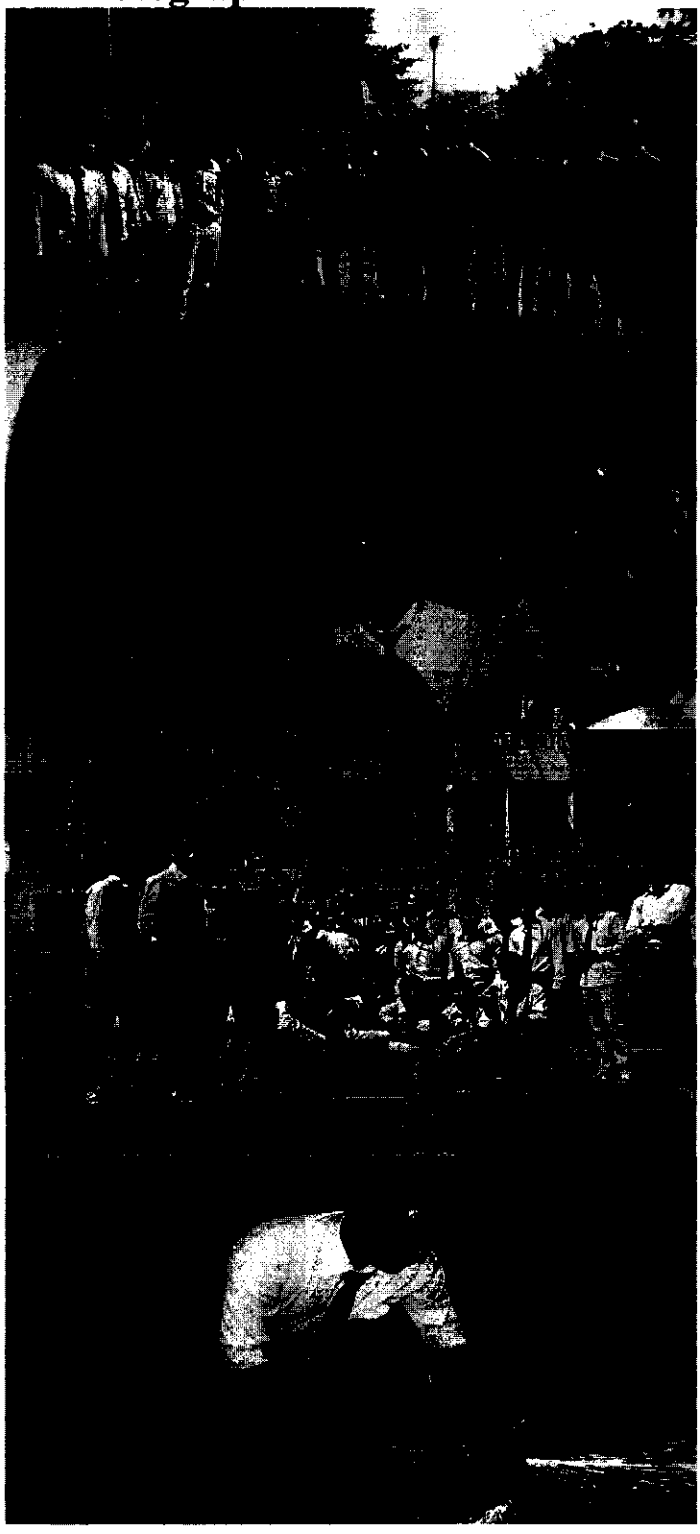
An industrial visit for Mechanical Engineering students was organized by our college GNIOT Greater NOIDA on 5th of March 2018. The students had a very knowledgeable visit to the production plant of Super Cryogenic Systems Pvt. Ltd. in NOIDA. The plant was set up for the fabrication of pressure vessels and containers capable of storing and carrying fluids at very low temperature. The specialty of these vessels lies in the ability to maintain the fluid in the same thermal condition in which it was initially filled. The plant was basically manually operated with some operations like material handling, sheet bending etc. semi automated. The plant comprised of various manufacturing, fabrication and allied processes like designing, drafting, quality testing etc. The students learned about various industrial grade materials, fabrication processes, third party concept, machines, plant layout, material handling and some management and quality control methods. The structure of the vessels was bi layered with insulation in between. The inner cylinder was made of mild steel while the outer covering shell was made of carbon steel to provide strength. The process began with bending of sheets in the roller to form cylindrical shells. The in between space was filled with insulator to avoid any heat transfer. The shells were designed in two forms, portable which was mounted on trucks, and fixed vertical cylinder.

The departure was scheduled at 9:30 am in the morning and took nearly 1 hr to reach the venue. It took nearly 2 hrs to see the plant. Students reached back around 2 in the afternoon. It was a very good experience and very informative trip for the students.

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★ HoD-ME

Photographs:-



Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★ HoD ME

Department of Mechanical Engineering				
List of Students				
S. No.	Roll No	Name of the Student	Year & Section	Signature
1	1213240131	NEERAJ	3A	
2	1313240156	SHIVAM	3A	
3	1513240018	ADITYA RAJ	3A	
4	1513240233	UDDESHYA KUMAR	3A	
5	1513240004	ABHIJEET DUTTA	3A	
6	1513240040	ANKESH KUMAR SINGH	3A	
7	1513240196	SACHIN SHARMA	3A	
8	1513240146	NISHANT SIROTHIYA	3A	
9	1513240149	NITIN YADAV	3A	
10	1513240173	RAJ KUMAR	3A	
11	1513240102	KRISHNANDAN KUMAR DWIVEDI	3A	
12	1513240090	IRFAN AHMAD	3A	
13	1513240072	DEVESH CHATURVEDI	3A	
14	1513240003	ABHAS PANDEY	3A	
15	1513240194	SABIR RAZA KHAN	3A	
16	1513240200	SAMEER AKHTAR	3A	
17	1513240193	RUPESH KUMAR	3A	
18	1513240224	SPARSH MISHRA	3A	
19	1513240105	KUNDAN KUMAR SINGH	3A	
20	1513240056	ASHISH MISHRA	3A	
21	1513240006	ABHIJEET KUMAR SINGH	3A	
22	1513240202	SARWAR SHAMIM	3A	
23	1513240044	ANKIT SHUKLA	3A	
24	1513240111	MAYANK SINGH	3A	
25	1513240110	MAYANK SHUKLA	3A	
26	1513240042	ANKIT KUMAR SINGH	3A	
27	1513240061	BADRUDDIN ALAM	3A	
28	1513240249	WARISH IMAM	3A	
29	1513240155	PIYUSH KUMAR SINGH	3A	
30	1513240231	TAUSIF AZAD	3A	

Signature of HOD
Dr. Sudhir Kumar

Department of Mechanical Engineering

Ref: - No. GNIOT/ME/ 2018/ **Date:** 04th April 2018

NOTICE

It is hereby informed to all the students of 2nd & 3rd year that as per the academic calendar the Mechanical Engineering Department is organizing an Industrial Visit at "**OERLIKON GRAZIANO** "on 12th April **2018.**

The students are advised to present in full strength and take the maximum benefit from the event.

Dr. Sudhir Kumar
(HOD-ME)

Copy to;

1. The Director; For kind information please
2. All concerned
3. Notice boards

"Industrial Visit"

To

OERLIKON GRAZIANO

12th April, 2018

(10:00 AM to 3:00PM)

REPORT

Organized by

Department of Mechanical Engineering

Director

Greater Noida Institute of Technology (GNIOT)

Knowledge park-II, Greater Noida– 201308

www.gniot.net.in

HoD ME

Activity Report

Department:- Mechanical Engineering.

Activity:- INDUSTRIAL VISIT TO OERLIKON GRAZIANO

Held On:- 12 APRIL 2018

Venue:- OERLIKON GRAZIANO Greater Noida

Attended by:- Ashish Rohilla, Adirath Mandal and **32** students of Mechanical Engineering department(2nd and 3rd year)

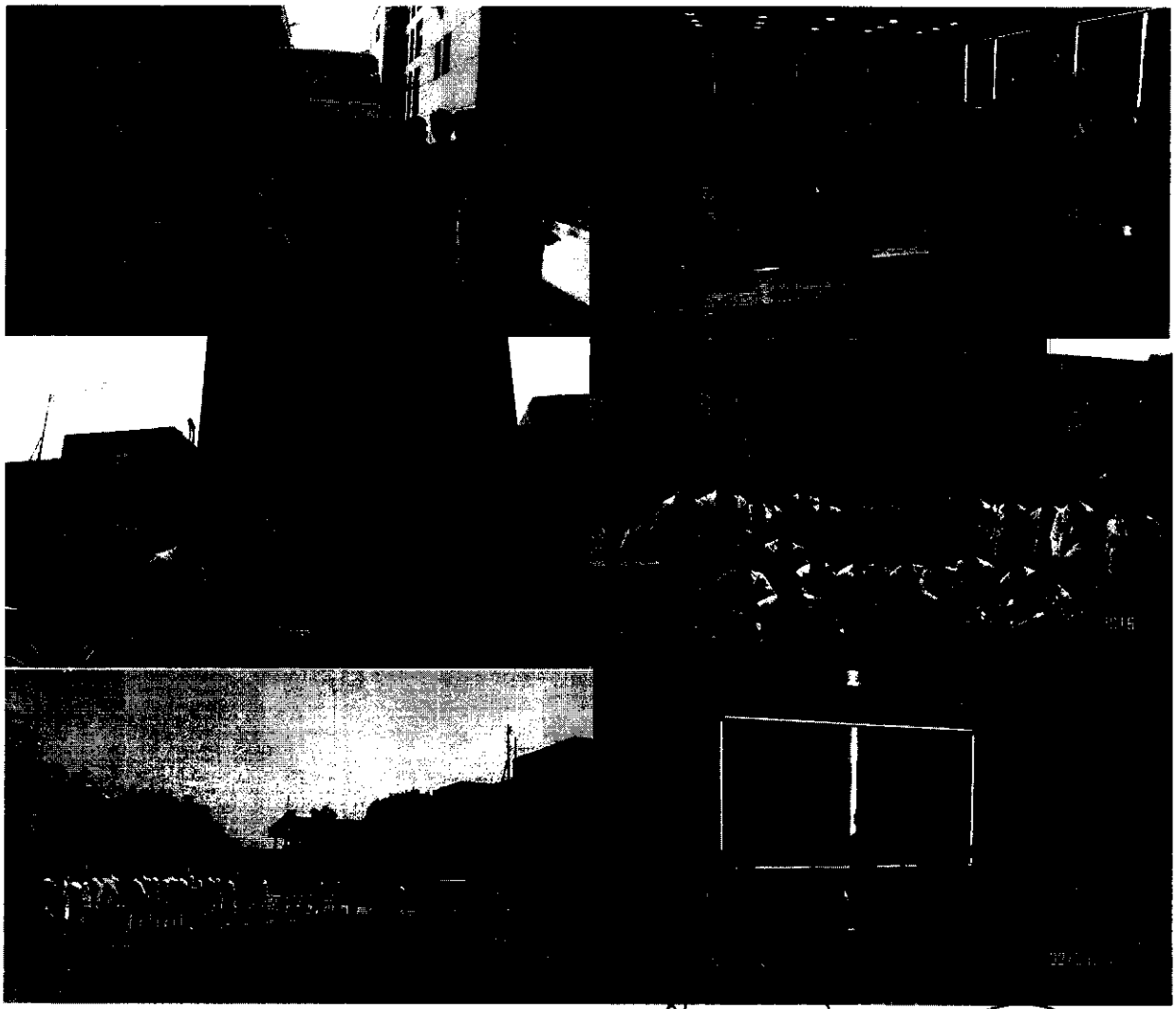
Brief Report:-

Oerlikon Graziano Pvt Ltd a global company is located in Greater Noida.
It has three plants in India. It basically manufactures gear for off road vehicles for agriculture.
We departed from college at 10:00 am and arrived there near about 10:30 am. We were welcomed by company representative. We went to interaction hall in which they told us about the company. Later seminar was continued by manager of HSE. He told about the safety measures of daily life also discussed about safety measures to be prevented inside the plant. Then they gave us refreshment after that we were divided into two groups, provided with shoes and goggles with our faculty members. Further we moved with project engineer for observing the manufacturing process for gears and shaft. We were told about the three processes. First one was the process of milling and cutting of work piece. We also learned robotic manipulator. Second one was heat treatment phenomenon. Third one was better surface finishing and accuracy (size, shape and dimension). The final product is dispatched to the relative companies keeping in mind of safety. We were back in seminar hall, and cleared all our doubts regarding the gear formation. Last but not the least we moved into the canteen where we were provided lunch. After that we had photo session in mid of that our GNIOT faculty members presented college diary as goodies. Then we

HoD-ME

returned to our college near about 3:00 pm. We gained a respectable working and manufacturing knowledge of the gear as rather than reading from books, overall it was a very fruitful industrial visit.

Photographs:



Greater Noida Institute of Technology (Engg. Institute)
HoD-ME

Department of Mechanical Engineering				
List of Students				
S. No.	Roll No	Name of the Student	Year & Section	Signature
1	1613240096	MEHBOOB REZA	2A	
2	1613240080	MD ASIF PERWEZ	2A	
3	1613240047	DHANANJAY SINGH	2A	
4	1613240003	ABDULLAH RAGHIB	2A	
5	1713240906	KUSHAGRA SAXENA	2A	
6	1613240019	AMIT PRAKASH MURMU	2A	
7	1613240166	VISHAL TIWARI	2A	
8	1613240161	VIKAS KUMAR TOMAR	2A	
9	1613240072	MANISHA GUPTA	2A	
10	1613240121	RAHUL KUMAR SINGH	2A	
11	1613240084	MD FARHAN RAZA	2A	
12	1613240082	MD AZEEM KHAN	2A	
13	1613240110	NIMESH KUMAR	2A	
14	1513240003	ABHAS PANDEY	3A	
15	1513240194	SABIR RAZA KHAN	3A	
16	1513240200	SAMEER AKHTAR	3A	
17	1513240193	RUPESH KUMAR	3A	
18	1513240224	SPARSH MISHRA	3A	
19	1513240105	KUNDAN KUMAR SINGH	3A	
20	1513240056	ASHISH MISHRA	3A	
21	1513240006	ABHIJEET KUMAR SINGH	3A	
22	1513240202	SARWAR SHAMIM	3A	
23	1513240044	ANKIT SHUKLA	3A	
24	1513240111	MAYANK SINGH	3A	
25	1513240140	MUZAMMIL AKHTER	3A	
26	1513240198	SAJID ZEYA	3A	
27	1513240110	MAYANK SHUKLA	3A	
28	1513240093	JAY KISHAN	3A	
29	1513240075	DURGESH KUMAR	3A	
30	1513240062	BRIJESH SINGH BAGHEL	3A	
31	1613240902	ABDULLAH SHAKOOR	3A	
32	1613240811	SHIKHAR PANDEY	3A	

Signature of HOD
HOD-ME
Dr. Sudhir Kumar

GNIOT ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

Date: 06/07/2017

Civil Engineering Department

Circular

This is to inform all students that GATE classes are being conducted by the Civil Engineering Department according to the standard syllabus of GATE as per time table on working Saturday (Syllabus under current semester and previous semesters) Civil Engineering students are hereby informed that In-House GATE coaching will start from 17/07/2017. Kindly register your name to the departmental coordinator Mr. Shashikant Shukla.

GATE scores are being used by several Indian public sector undertakings for recruiting graduate engineers' entry-level positions. It is one of the most important competitive examinations in India.

Note: Time-table is displayed on notice board.

HOD
C.E DEPT

Department of Electronics and Communication Engineering
GATE Classes (Module)

Section -1	Engineering Mathematics	15 Hours
Section -2	Engineering Mechanics	13 Hours
Section -3	Solid Mechanics	13 Hours
Section -4	Strength of materials	13 Hours
Section -5	Structural Engineering	13 Hours
Section -6	Environmental Engineering	13 Hours
Section -7	Transportation Engineering	13 Hours
Section -8	Water Resources Engineering	13 Hours
Section -9	Concrete Structures	13 Hours
Section -10	Geotechnical Engineering	13 Hours
Section -11	Foundation Engineering	13 Hours
Section -12	Aptitude (APT)	15 Hours
Total		160 hours

DETAILED SYLLABUS

Section 1: Engineering Mathematics

Linear Algebra: Matrix Algebra, Systems of linear equations, Eigenvalues, Eigenvectors.

Calculus: Mean value theorems, Theorems of integral calculus, Evaluation of definite and improper integrals, Partial Derivatives, Maxima and minima, Multiple integrals, Fourier series, Vector identities, Directional derivatives, Line integral, Surface integral, Volume integral, Stokes's theorem, Gauss's theorem, Divergence theorem, Green's theorem.

Differential equations: First order equations (linear and nonlinear), Higher order linear differential equations with constant coefficients, Method of variation of parameters, Cauchy's equation, Euler's equation, Initial and boundary value problems, Partial Differential Equations, Method of separation of variables.

Complex variables: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, Taylor series, Laurent series, Residue theorem, Solution integrals.

Probability and Statistics: Sampling theorems, Conditional probability, Mean, Median, Mode, StandardDeviation, Random variables, Discrete and Continuous distributions, Poisson distribution, Normal distribution, Binomial distribution, Correlation analysis, Regression analysis.

- **Section 2: Structural Engineering:**
- **Engineering Mechanics:** System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Frictions and its applications; Centre of mass; Free Vibrations of undamped SDOF system.
- **Solid Mechanics:** Bending moment and shear force in statically determinate beams; Simple stress and strain relationships; Simple bending theory, flexural and shear stresses, shear centre; Uniform torsion, Transformation of stress; buckling of column, combined and direct bending stresses.
- **Structural Analysis:** Statically determinate and indeterminate structures by force/ energy methods; Method of superposition; Analysis of trusses, arches, beams, cables and frames;
- **Displacement methods:** Slope deflection and moment distribution methods; Influence lines; Stiffness and flexibility methods of structural analysis.
- **Construction Materials and Management:** Construction Materials: Structural Steel – Composition, material properties and behaviour; Concrete – Constituents, mix design, short-term and long-term properties.
- Construction Management: Types of construction projects; Project planning and network analysis – PERT and CPM; Cost estimation.
- **Concrete Structures:** Working stress and Limit state design concepts; Design of beams, slabs, columns; Bond and development length; Prestressed concrete beams.
- **Steel Structures:** Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections – simple and eccentric, beam-column connections, plate girders and trusses; Concept of plastic analysis – beams and frames.

Section 3: Geotechnical Engineering

- **Soil Mechanics:** Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability – one dimensional flow, Seepage through soils – two – dimensional flow, flow nets, uplift pressure, piping, capillarity, seepage force; Principle of effective stress and quicksand condition; Compaction of soils; One- dimensional consolidation, time rate of consolidation; Shear Strength, Mohr's circle, effective and total shear strength parameters, Stress-Strain characteristics of clays and sand; Stress paths.
- **Foundation Engineering:** Sub-surface investigations – Drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories – Rankine and Coulomb; Stability of slopes –Finite and infinite slopes, Bishop's method; Stress distribution in soils – Boussinesq's theory; Pressure bulbs, Shallow foundations – Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations – dynamic and static formulae, Axial load capacity of piles in sands and clays, pile load test, pile under lateral loading, pile group efficiency, negative skin friction.

Section 4: Water Resources Engineering

- **Fluid Mechanics:** Properties of fluids, fluid statics; Continuity, momentum and energy equations and their applications; Potential flow, Laminar and turbulent flow; Flow in pipes, pipe networks; Concept of boundary layer and its growth; Concept of lift and drag.
- **Hydraulics:** Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Channel Hydraulics – Energy-depth relationships, specific energy, critical flow, hydraulic jump, uniform flow, gradually varied flow and water surface profiles.
- **Hydrology:** Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, reservoir capacity, flood estimation and routing, surface run-off models, groundwater hydrology – steady state well hydraulics and aquifers; Application of Darcy's Law.
- **Irrigation:** Types of irrigation systems and methods; Crop water requirements – Duty, delta, evapo-transpiration; Gravity Dams and Spillways; Lined and unlined canals, Design of weirs on permeable foundation; cross drainage structures.

Section 5: Environmental Engineering

- **Water and Waste Water Quality and Treatment:** Basics of water quality standards – Physical, chemical and biological parameters; Water quality index; Unit processes and operations; Water requirement; Water distribution system; Drinking water treatment.
- Sewerage system design, quantity of domestic wastewater, primary and secondary treatment. Effluent discharge standards; Sludge disposal; Reuse of treated sewage for different applications.
- **Air Pollution:** Types of pollutants, their sources and impacts, air pollution control, air quality standards, Air quality Index and limits.
- **Municipal Solid Wastes:**Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and disposal).

Transportation Engineering:

- **Transportation Infrastructure:** Geometric design of highways – cross-sectional elements, sight distances, horizontal and vertical alignments.
- Geometric design of railway Track – Speed and Cant,
- Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.
- **Highway Pavements:** Highway materials – desirable properties and tests; Desirable properties of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible and rigid pavement using IRC codes.
- **Traffic Engineering:** Traffic studies on flow and speed, peak hour factor, accident study, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Traffic signs; Signal design by Webster's method; Types of intersections; Highway capacity.

Section 7: Geomatics Engineering

- Principles of surveying; Errors and their adjustment; Maps – scale, coordinate system; Distance and angle measurement – Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves.
- Photogrammetry and Remote Sensing – Scale, flying height; Basics of remote sensing and GIS.

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GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

CIVIL ENGINEERING (Code-CE)
Session (2017-18)

Gate-2018 (Time Table)

w.e.f: 17/07/2017

S.NO	DATE/TIME	9:15-10:5	10:55-12:35	12:35-1:35	1:35-3:15	3:15-4:55
1	17 JULY 2021	EMC	SM	BREAK	SoM	EM
2	31 JULY 2021	SM	FMC		SOM	APT
3	07 AUG 2021	SoM	SM		EMC	EM
4	14 AUG 2021	EMC	SM		EMC	APT
5	21 AUG 2021	SM	EMC		TE	EM
6	28 AUG 2021	SM	SoM		TE	APT
7	04 SEPT 2021	SE	EnV		CT	EM
8	11 SEPT 2021	EnV	SE		CT	APT
9	18 SEPT 2021	TE	EnV		EnV	EM
10	25 SEPT 2021	SE	TE		EnV	APT
11	9 OCT 2021	EnV	SE		WRE	EM
12	16 OCT 2021	TE	EnV		GE	APT
13	23 OCT 2021	WRE	CT		GE	EM
14	30 OCT 2021	FE	WRE		EMC	APT
15	13 NOV 2021	WRE	FE		TE	EM
16	20 NOV 2021	GE	FE		TE	APT
17	27 NOV 2021	GE	WRE		EMC	EM
18	04 DEC 2021	GE	CT		WRE	APT
19	11 DEC 2021	WRE	FE		CT	EM
20	18 DEC 2021	TE	WRE		FF	APT

Subject allotted to faculty members

	Subjects	Faculty
1	Engineering mathematics (EM)	VASHWATI GHOSH
2	Engineering Mechanics	VIKAS NAGAR
3	Solid Mechanics	RESHU TYAGI
4	Strength of materials	RAUNAK SULEKH
5	Structural Engineering	SWATI SAXENA
6	Environmental Engineering	DEEPAK PAL
7	Transportation Engineering	ANUPAM KUMAR SHARMA
8	Water Resources Engineering	BRAHM PAL
9	Concrete Structures	ARVIND KUMAR
10	Geotechnical Engineering	RAUNAK SULEKH
11	Foundation Engineering	RK TEOTIA
12	Aptitude (APT)	RAHUL GARG

31	1413200016	AISHWARYA MAULI	CE	Fourth
32	1413200017	AJAJ HUSSAIN	CE	Fourth
33	1413200018	AJEET THAKUR	CE	Fourth
34	1413200019	AKASH	CE	Fourth
35	1413200020	AKASH SRIVASTAVA	CE	Fourth
36	1413200023	AMAL ANAND	CE	Fourth
37	1413200024	AMANDEEP	CE	Fourth
38	1413200025	AMAN KUMAR SINGH	CE	Fourth
39	1413200029	ANUPAM CHAURASIA	CE	Fourth
40	1413200030	ANUPAM SINGH	CE	Fourth
41	1413200031	ANURAG SINGH	CE	Fourth
42	1413200039	ASHISH KUMAR SINGH	CE	Fourth
43	1413200040	ASHUTOSH KASHYAP	CE	Fourth
44	1413200041	ASHUTOSH KUMAR SINGH	CE	Fourth
45	1413200044	ASHWANI KUMAR	CE	Fourth
46	1413200045	ASHWINI TRIPATHI	CE	Fourth
47	1413200046	ATA ABBAS	CE	Fourth
48	1413200052	CHANDAN KUMAR PATEL	CE	Fourth
49	1413200056	DHARAMVEER KUMAR	CE	Fourth
50	1413200059	DORI LAL SHARMA	CE	Fourth
51	1413200060	GAURAV DUBEY	CE	Fourth
52	1413200064	HIMANSHU PANDEY	CE	Fourth
53	1413200065	HIRENDRA SINGH RAJPUT	CE	Fourth
54	1413200066	IMRAN ANSARI	CE	Fourth

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Section-I: General Ability

1. "His face _____ with joy when the solution of the puzzle was _____ to him."
The words that best fill the blanks in the above sentence are
(A) Shone, shown (B) shone, shone (C) shown, shone (D) shown, shown

Key: (A)

2. "Although it does contain some pioneering ideas, one would hardly characterize the work as _____."
The words that best fill the blanks in the above sentence is
(A) innovative (B) simple (C) dull (D) boring

Key: (B)

3. $\underbrace{a+a+a+.....+a}_{n \text{ times}} = a^2b$ and $\underbrace{b+b+b+.....+b}_{m \text{ times}} = ab^2$, where a,b,n and m are natural numbers.
What is the value of
$\left(\underbrace{m+m+m+.....+m}_{n \text{ times}}\right)\left(\underbrace{n+n+n+.....+n}_{m \text{ times}}\right)$?
(A) $2a^2b^2$ (B) a^4b^4 (C) ab(a+b) (D) a^2+b^2

Key: (B)

Exp: Given

$$\underbrace{a+a+.....+a}_{n-\text{times}} = a^2b$$

$$\Rightarrow na = a^2b$$

$$\Rightarrow n = ab ----(1)$$

$$\text{given } \underbrace{b+b+...+b}_{m-\text{times}} = ab^2$$

$$\Rightarrow mb = ab^2$$

$$\Rightarrow m = ab -----(2)$$

$$\therefore \underbrace{(m+m+...+m)}_{n-\text{times}}\underbrace{(n+n+...+n)}_{m-\text{times}} = mn \times mn$$

$$= (mn)^2$$

$$= (a^2b^2)^2 \ (\because \text{from}(1)\&(2))$$

$$= a^4b^4$$

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Key: (C)

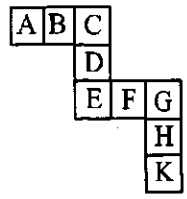
Exp: Cumulative rain fall = 300mm = 0.3m

$$50\%\text{ of rain fall} = \frac{0.3}{2} = 0.15\text{m}$$

Total volume of water collected in tank $= 50 \times 0.15$

$$= 7.5\text{m}^3 = 7500 \text{ litre}$$

8. Each of the letters in the figure below represents a unique integer from 1 to 9. The letters are positioned in the figure such that each of (A+B+C), (C+D+E), (E+F+G) and (G+H+K) is equal to 13. Which integer does E represent?



(A) 1 (B) 4 (C) 6 (D) 7

Key: (B)

Exp: According to the question

$$A+B+C=C+D+E=E+F+G=G+H+K=13$$

Adding all $\Rightarrow A+B+2C+D+2E+F+2G+H+K=52 \ldots\ldots(1)$

&

$$A+B+C+D+E+F+G+H+K=45 \ldots\ldots(2)$$

$(\because$ sum of no's from 1 to 9$)$

$(1)-(2) \Rightarrow C+E+G=7 \ldots\ldots(3)$

and also $C+D+E=13 \ldots\ldots(4)$

$(4)-(3) \Rightarrow D-G=6$

$$\begin{array}{r} C+D+E=13 \\ -\ E+F+G=13 \\ \hline (C-F)+(D-G)=0 \end{array}$$

$\Rightarrow (D-G)=(F-C)$

$\Rightarrow (F-C)=6 \quad (\because D-G=6)$

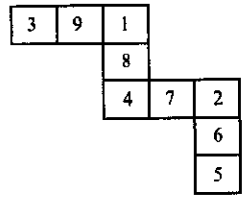
Possible differences for getting '6' are $9-3=6$

$7-1=6$

$8-2=6$

But suitable differences for (D-G) &(F-C) are 8-2 &7-1

$\therefore$ structure of numbers satisfying given conditions is



$\Rightarrow E=4$

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9. In manufacturing industries, loss is usually taken to be proportional to the square of the deviation from a target. If the loss is Rs. 4900 for a deviation of 7 Units, what would be the loss in Rupees for a deviation of 4 units from the target?

(A) 400 (B) 1200 (C) 1600 (D) 2800

Key: (C)

Exp: Given Loss $\alpha(\text{Deviation})^2$

$\Rightarrow \boxed{\text{Loss} = K(\text{Deviation})^2}$ where K is a proportionality constant

Given loss $= 4900$, Deviation $= 7$

$\Rightarrow 4900 = K(7)^2$

$\Rightarrow K = 100$

For a deviation of 4 units, Loss $= 100(4)^2$

$= 1600$

10. Given that $\frac{\log P}{y-z} = \frac{\log Q}{z-x} = \frac{\log R}{x-y} = 10$ for $x \neq y \neq z$, what is the value of the product PQR?

(A) 0 (B) 1 (C) xyz (D) 10^{xyz}

Key: (B)

Exp: $\log P = 10(y-z)$

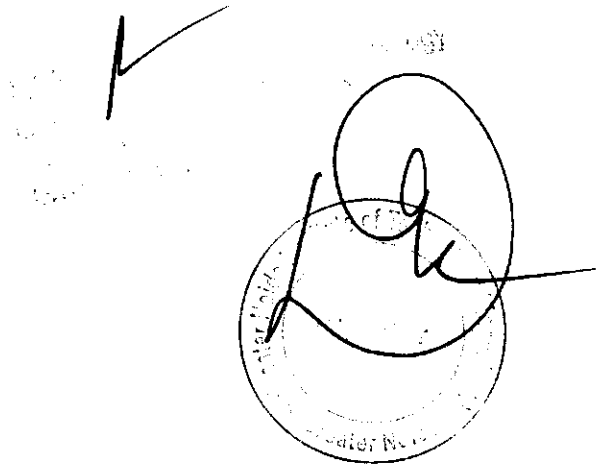
$\log Q = 10(z-x)$

$\log R = 10(x-y)$

$\Rightarrow \log P + \log Q + \log R = 10(y-z+z-x+x-y)$

$\Rightarrow \log PQR = 0$

$\Rightarrow PQR = 1$



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Section-II: Civil Engineering

1. The clay mineral, whose structural units are held together by potassium bond is

(A) Halloysite (B) Illite (C) Kaolinite (D) Smectite

Key: **(B)**

2. As per IS 10500:2012, for drinking water in the absence of alternate source of water, the permissible limits for chloride and sulphate, in mg/L, respectively are

(A) 250 and 200 (B) 1000 and 400 (C) 200 and 250 (D) 500 and 1000

Key: **(B)**

Exp: Acceptable limits for Drinking water, as per IS 10500:2012

Chlorides - 250 mg/l

Sulphates – 200 mg/l

But in the absence of alternate source of water, the permissible limits are extended -

Chlorides - 1000 mg/l

Sulphates – 400 mg/l

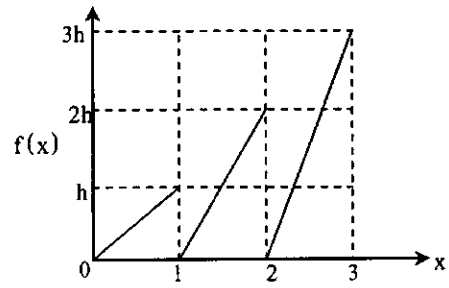
3. Dupuit's assumptions are valid for

(A) artesian aquifer (B) confined aquifer

(C) leaky aquifer (D) unconfined aquifer

Key: **(D)**

4. The graph of a function f(x) is shown in the figure.



For f(x) to be a valid probability density function, the value of h is

(A) 1/3 (B) 2/3 (C) 1 (D) 3

Key: **(A)**

Exp: Since f(x) is a valid probability density function

$$\Rightarrow \int_0^1 f(x)dx + \int_1^2 f(x)dx + \int_2^3 f(x)dx = 1$$

$$\Rightarrow \int_0^1 hxdx + \int_1^2 2h(x-1)dx - \int_2^3 3h(x-2)dx = 1$$

$$\Rightarrow h\frac{x^2}{2}\Big|_0^1 + 2h\left(\frac{x^2}{2} - x\right)\Big|_1^2 + 3h\left(\frac{x^2}{2} - 2x\right)\Big|_2^3 = 1 \Rightarrow 3h = 1 \Rightarrow h = \frac{1}{3}$$

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5. The quadratic equation $2x^2-3x+3=0$ is to be solved numerically starting with an initial guess as $x_0=2$. The new estimate of x after the first iteration using Newton-Raphson method is _____

Key: (1)

Exp: $f(x)=2x^2-3x+3$

$\Rightarrow f^1(x)=4x-3$

Given $x=2$

New estimate of 'x' after 1st iteration,

$$x_1=x_0-\frac{f(x_0)}{f^1(x_0)}$$

$$=2-\frac{f(2)}{f^1(2)}=2-\frac{5}{5}=1$$

6. A probability distribution with right skew is shown in the figure.

The correct statement for the probability distribution is

(A) Mean is equal to mode
(B) Mean is greater than median but less than mode
(C) Mean is greater than median and mode
(D) Mode is greater than median

Key: (C)

Exp: For right skew

Mode < media < mean

&

For left skew

Mean < Median < Mode

7. The solution of the equation $x\frac{dy}{dx}+y=0$ passing through the point (1,1) is

(A) x (B) x^2 (C) x^{-1} (D) x^{-2}

Key: (C)

Exp: $\frac{xdy}{dx}+y=0$

$$\Rightarrow \frac{xdy}{dx}=-y \Rightarrow \frac{1}{y}dy=\frac{-1}{x}dx$$

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Integrating

$$\Rightarrow \int \frac{1}{y} dy = -\int \frac{1}{x} dx$$

$$\Rightarrow \log_e y = -\log_e x + \log_e c$$

$$= \log_e (c/x)$$

$$\Rightarrow y = \frac{c}{x}$$

$$(1,1) \Rightarrow c = 1$$

$$\therefore y = \frac{1}{x} = x^{-1}$$

8. As per IS 456:2000, the minimum percentage of tension reinforcement (up to two decimal places) required in reinforced concrete beams of rectangular cross section (considering effective depth in the calculation of area) using Fe500 grade steel is _____

Key: (0.17)

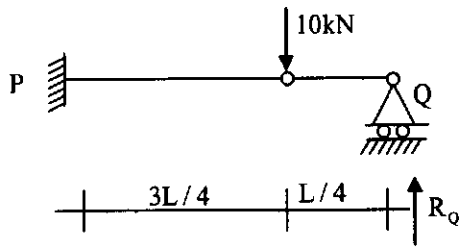
Exp: Min. percentage of tension reinforcement

$$\frac{A_s}{bd} = \frac{0.85}{f_y}$$

$$\frac{A_s}{bd} = \frac{0.85}{f_y}$$

$$= \frac{0.85}{500} \times 100 = 0.17\%$$

9. A vertical load of 10kN acts on a hinge located at a distance of L/4 from the roller support Q of a beam of length L (see figure).



The vertical reaction at support Q is

(A) 0.0kN (B) 2.5kN (C) 7.5kN (D) 10.0kN

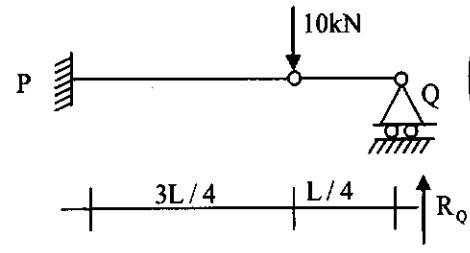
Key: (A)

Exp: Let R_Q be the support reaction at Q.

For equilibrium, $\Sigma M_c = 0$

$$R_Q \times \frac{1}{4} = 0$$

$$\Rightarrow R_Q = 0$$



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10. Probability (up to one decimal place) of consecutively picking 3 red balls without replacement from a box containing 5 red balls and 1 white ball is _____

Key: **(0.5)**

Exp: 5 Red

1 white

$$\text{Required probability} = \frac{5}{6}\times\frac{4}{5}\times\frac{3}{4}$$

$$= \frac{1}{2} = 0.5$$

11. The intensity of irrigation for the Kharif season is 50% for an irrigation project with culturable command area of 50,000 hectares. The duty for the Kharif season is 1000 hectare/cumec. Assuming transmission loss of 10%, the required discharge (in cumec, up to two decimal places) at the head of the canal is _____.

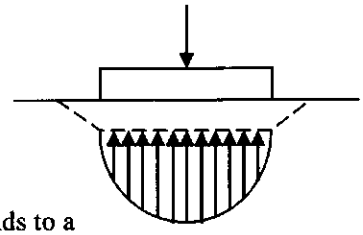
Key: **(27.78 cumecs)**

Exp: Area = 50,000 hectares

Duty = 1000 hectare/cumec.

$$\text{Discharge}(Q) = \frac{\text{Area}}{\text{Duty}} = \frac{50\%\text{ of }50000}{90\%\text{ of }1000} = \frac{25000}{900} = 27.78\text{ cumecs.}$$

12. The contact pressure and settlement distribution for a footing are shown in the figure.



The figure corresponds to a

(A) rigid footing on granular soil
(B) flexible footing on granular soil
(C) flexible footing on saturated clay
(D) rigid footing on cohesive soil

Key: **(A)**

13. A fillet weld is simultaneously subjected to factored normal and shear stresses of 120MPa and 50MPa, respectively. As per IS 800:2007, the equivalent stress (in MPa, up to two decimal places) is _____

Key: **(147.99)**

Exp: Equivalent shear stress as per IS:800-2007 is given by

$$f_e = \sqrt{f_a^2 + 3q^2}$$

Here, $f_a = 120\text{MPa}$ & $q = 50\text{MPa}$

$$\therefore f_e = \sqrt{(120)^2 + 3(50)^2} = 147.99\text{MPa}$$

14. As per IRC : 37-2012, in order to control subgrade rutting in flexible pavements, the parameter to be considered is

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(A) horizontal tensile strain at the bottom of bituminous layer

(B) vertical compressive strain on top of subgrade

(C) vertical compressive stress on top of granular layer

(D) vertical deflection at the surface of the pavement

Key: (B)

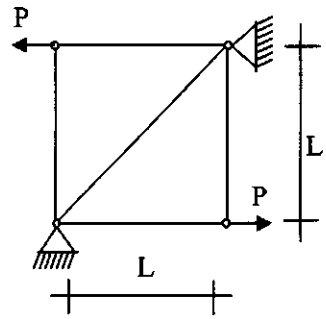
15. The setting time of cement is determined using

(A) Le chatelier apparatus (B) Briquette testing apparatus

(C) Vicat apparatus (D) Casagrande's apparatus

Key: (C)

16. All the members of the planar truss (see figure), have the same properties in terms of area of cross section (A) and modulus of elasticity (E).



For the loads shown on the truss, the statement that correctly represents the nature of forces in the members of the truss is:

(A) There are 3 members in tension, and 2 members in compression

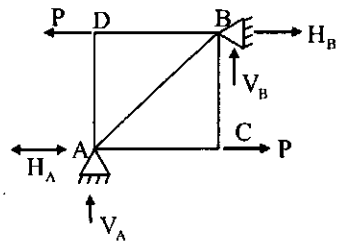
(B) There are 2 members in tension, 2 members in compression, and 1 zero-force member

(C) There are 2 members in tension, 1 member in compression, and 2 zero-force members

(D) There are 2 members in tension, and 3 zero-force members

Key: (D)

Exp:



$H_A + H_B = 0$

$H_A = H_B = P$

$\Sigma M_A = 0$

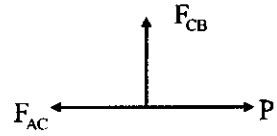
$V_B \times L + P \times L - H_B \times L = 0$

$V_B \times L = H_B \times L - P \times L$

$V_B = H_B - P = P - P = 0$

$V_A = 0.$

Joint C



$F_{AC} = P(\text{Tension})$

$F_{CB} = 0$

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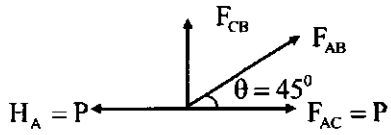
Joint A



$P = P + F_{AB}.\cos 45$

$F_{AB} = 0$

$F_{AD} + F_{AB} \sin 45 = 0$

$F_{AD} = 0$

Zero force members = AD, AB, BC

17. A reinforced concrete slab with effective depth of 80mm is simply supported at two opposite ends on 230mm thick masonry walls. The centre to centre distance between the walls is 3.3m. As per IS 456:2000. The effective span of the slab (in m, up to two decimal places) is _____

Key: (3.15)

Exp: Effective span: taken as lesser of two

(a) clear span + effective depth=(3.3-0.23) +0.08=3.15

(b) C/C distance between the walls=3.3m

∴ effective span =3.15m

18. The initial concavity in the load penetration curve of a CBR test is NOT due to

(A) uneven top surface (B) high impact at start of loading

(C) inclined penetration plunger (D) soft top layer of soaked soil

Key: (B)

Exp: Load penetration curve of CBR test is concave due to

i. Top layer of soaked soil is too soft (or) slushy after soaking in water

ii. The top surface of the specimen is not even

iii. The penetration plunger of the loading machine is not vertical resulting in the bottom surface of plunger not being horizontal and not fully in contact with top surface of the specimen.

19. Peak Hour factor (PHF) is used to represent the proportion of peak sub-hourly traffic flow within the peak hour. If 15-minute sub-hours are considered, the theoretically possible range of PHF will be

(A) 0 to 1.0 (B) 0.25 to 0.75 (C) 0.25 to 1.0 (D) 0 5 to 1.0

Key: (C)

Exp: Peak hour factor (PHF) is the hourly volume during maximum volume hour of day divided by the peak 15-minute flow rate within a peak hour.

The possible values of PHF can range b/w 0.25 and 1.00

20. In the figures, Group I represents the atmospheric temperature profiles (P,Q,R and S) and Group II represents dispersion of pollutants from a smoke stack (1,2,3 and 4). In the figures of

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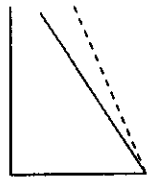
Group I, the dashed line represents the dry adiabatic lapse rate, whereas the horizontal axis represents temperature and the vertical axis represents the altitude.

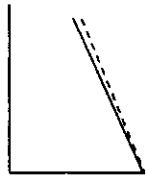
Group – I

P



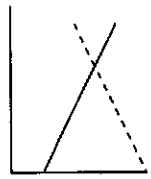
Superadiabatic

Q



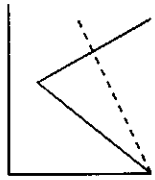
Adiabatic

R



Inversion

S



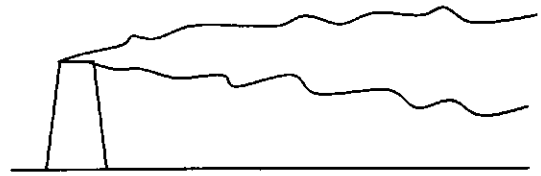
Inversion over Superadiabatic

Group – II

1

Looping plume

2

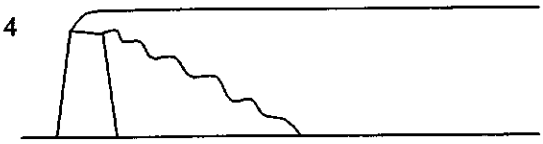


Coning plume

3

Fanning plume

4



Fumigation

The correct match is

(A) P-1, Q-2, R-3, S-4
(B) P-1, Q-2, R-4, S-3
(C) P-1, Q-4, R-3, S-2
(D) P-3, Q-1, R-2, S-4

Key: (A)

21. A flownet below a dam consists of 24 equipotential drops and 7 flow channels. The difference between the upstream and downstream water levels is 6m. The length of the flow line adjacent to the toe of the dam at exit is 1m. The specific gravity and void ratio of the soil below the dam are 2.70 and 0.70, respectively. The factor of safety against piping is

(A) 1.67 (B) 2.5 (C) 3.4 (D) 4

Key: (D)

Exp: $(FOS)_{piping} = \frac{i_{cr}}{i_{ex}}$

$$i_{cr} = \frac{G-1}{1+e} = \frac{2.70-1}{1+0.7} = \frac{1.7}{1.7} = 1$$

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$$\Delta H = \frac{H}{N_d} = \frac{6}{24}$$

$$i_{exit} = \frac{\Delta H}{\Delta L} = \frac{6/24}{1} = \frac{1}{4}$$

$$(FOS)_{piping} = \frac{1}{1/4} = 4$$

22. A structural member subjected to compression, has both translation and rotation restrained at one end, while only translation is restrained at the other end. As per IS 456:2000, the effective length factor recommended for design is

(A) 0.50 (B) 0.65 (C) 0.70 (D) 0.80

Key: **(D)**

23. For a given discharge in an open channel, there are two depths which have the same specific energy. These two depths are known as

(A) alternate depths (B) critical depths (C) normal depths (D) sequent depths

Key: **(A)**

24. A culvert is designed for a flood frequency of 100 years and a useful life of 20 years. The risk involved in the design of the culvert (in percentage, up to two decimal places) is _____

Key: **(18.2)**

Exp: $\text{Risk} = 1 - q^n$

$$= 1 - \left(1 - \frac{1}{T}\right)^n$$

$$= 1 - \left(1 - \frac{1}{100}\right)^{20}$$

$$= 0.182$$

$$= 18.2\%$$

25. Which one of the following statements is NOT correct?

(A) When the water content of soil lies between its liquid limit and plastic limit, the soil is said to be in plastic state.

(B) Boussinesq's theory is used for the analysis of stratified soil.

(C) The inclination of stable slope in cohesive soil can be greater than its angle of internal friction.

(D) For saturated dense fine sand, after applying overburden correction, if the standard penetration Test value exceeds 15, dilatancy correction is to be applied.

Key: **(B)**

26. Two rigid bodies of mass 5 kg and 4 kg are at rest on a frictionless surface until acted upon by a force of 36N as shown in the figure. The contact force generated between the two bodies is

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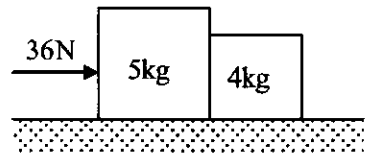
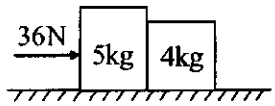


(A) 4.0N (B) 7.2N (C) 9.0N (D) 16.0N

Key: **(D)**

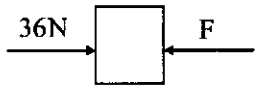
Exp:



$36N = 9 \times a \Rightarrow a = \frac{36}{9} = 4\,m/s^2$

Force on 1st blcok $= F = ma = 5 \times 4 = 20N$

FBD



$36 - F = 20$

$F = 36 - 20 = 16N$

27. A coal containing 2% sulphur is burned completely to ash in a brick kiln at a rate of 30 kg/min. The sulphur content in the ash was found to be 6% of the initial amount of sulphur present in the coal fed to the brick kiln. The molecular weights of S, H and O are 32, 1 and 16g/mole, respectively, The annual rate of sulphur dioxide (SO_2) emission from the kiln (in tonnes/year. up to two decimal places) is _____

Key: **(592.87)**

Exp: Total amount of coal $= 30 \times 24 \times 60 \times 365 = 15768000$ kg in a year

Sulphur $= 2\%$ of coal $= \frac{2}{100} \times 15768000 = 315360$kg

sulphur content $= 6\%$ of $315360 = 18921.6$ kg in ash

remaining sulphur $= 0.94 \times 315360 = 296438.4$kg

$S + O_2 \rightarrow SO_2$

$32gm \rightarrow 64\ gm$

$294638.4 \rightarrow ?$

$= \frac{64}{32} \times 296438.4$

$= 592876.8kg$

$= 592.87$ tonnes

28. The compression curve (void ratio, e vs. Effective stress, σ'_v) for a certain clayey soil is a straight line in a semi-logarithmic plot and it passes through the points (e=1.2; σ'_v=50 kPa)

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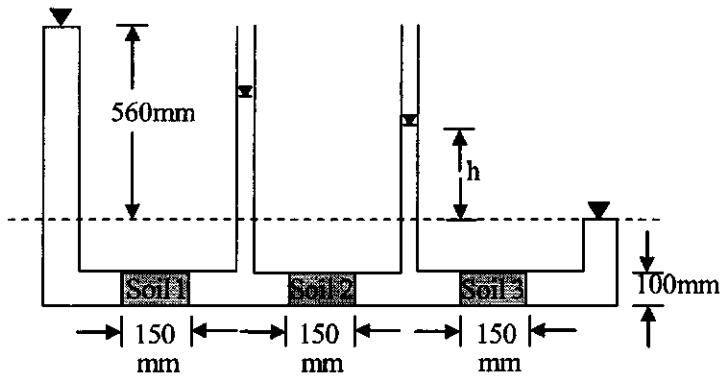
and (e=0.6; σ'_v=800 kPa). The compression index (up to two decimal places) of the soil is_____

Key: (0.498)

Exp: Compression index $(C_c) = \dfrac{\Delta e}{\log\left(\dfrac{\bar{\sigma}_2}{\sigma_1}\right)}$

$$= \frac{1.2-0.6}{\log\left(\dfrac{800}{50}\right)} = \frac{0.6}{\log 16} = 0.498$$

29. Three soil specimens (Soil 1, Soil 2 and Soil 3), each 150mm long and 100mm diameter, are placed in series in a constant head flow set up as shown in the figure. Suitable screens are provided at the boundaries of the specimens to keep them intact. The values of coefficient of permeability of Soil 1, Soil 2 and Soil 3 are 0.01, 0.003 and 0.03 cm/s, respectively.



The value of h in the set up is

(A) 0mm (B) 40mm (C) 255mm (D) 560mm

Key (B)

Exp: Soils are placed in series

$$K_{eq} = \frac{H_1+H_2+H_3}{\dfrac{H_1}{K_1}+\dfrac{H_2}{K_2}+\dfrac{H_3}{K_3}} = \frac{150+150+150}{\dfrac{150}{0.1}+\dfrac{150}{0.03}+\dfrac{150}{0.3}}\ \text{mm/sec.}$$

$$= \frac{450}{150\left(\dfrac{1}{0.1}+\dfrac{1}{0.03}+\dfrac{1}{0.3}\right)} = 0.0643\ \text{mm/sec}$$

$K_{eq}\, iA = K_3 . i_3 . A$

$$K_{eq}\frac{h}{L} = K_3\frac{h_3}{L_3}$$

$$0.0643\ \text{mm/sec} \times \frac{560\text{mm}}{450\text{mm}} = 0.3\ \text{mm/sec} \times \frac{h_3}{150}\ \text{mm}$$

$$h_3 = \frac{0.0643\times 560\times 150}{450\times 0.3} = 40.008\,\text{mm}$$

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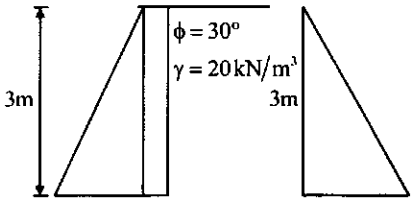
30. A 3 m high vertical earth retaining wall retains a dry granular backfill with angle of internal friction of 30° and unit weight of 20kN/m^3. If the wall is prevented from yielding (no movement), the total horizontal thrust (in kN per unit length) on the wall is

(A) 0 (B) 30 (C) 45 (D) 270

Key: (C)

Exp:



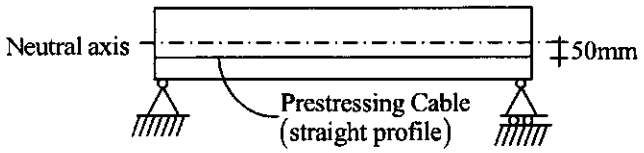
$$k_0 \gamma H = \frac{1}{2} \times 20 \times 3 = 30 KN/m^2$$

Wall is prevented from yielding (no movement) i.e wall is at rest

$K_0 = 1 - \sin\phi = 1 - \sin 30 = 0.5$

$F_H = \frac{1}{2} \times 3 \times 30 = 3 \times 15 = 45$ kN/m length.

31. A 6 m long simply supported beam is prestressed as shown in the figure.



The beam carries a uniformly distributed load of 6kN/m over its entire span. If the effective flexural rigidity EI=2×10^{4}kNm^2 and the effective prestressing force is 200kN, the net increase in length of the prestressing cable (in mm, up to two decimal places) is _____

Key: **(0.12)**

Exp: Given,

span, ℓ = 6m w, udl = **6KN/m. and e, eccentricity =50mm**

Prestressing force P=200KN

(a) slope of the beam due to p – force $\theta_1 = \frac{Pe\ell}{8EI}$

$$= \frac{200 \times 10^3 \times 50 \times 6000}{2 \times 2 \times 10^{13}} = 1.5 \times 10^{-3} \text{ (upward)}$$

(b) slope of the beam due to UDL

$$\theta_2 = \frac{w\ell^3}{24EI} = \frac{6 \times (6000)^3}{24 \times 2 \times 10^{13}} = 2.7 \times 10^{-3}$$

(c) Net slope of beam

$\theta = \theta_1 + \theta_2$

$= (-)1.5 \times 10^{-3} + 2.7 \times 10^{-3}$

$= 1.2 \times 10^{-3} = 2e\theta = 2 \times 50 \times 1.2 \times 10^{-3} = 0.12$mm

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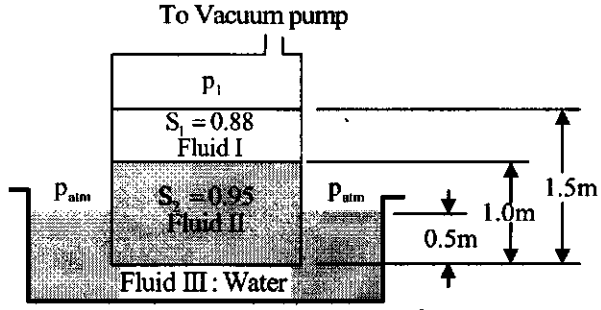
32. A three fluid system (immiscible) is connected to a vacuum pump. The specific gravity values of the fluids (S_1, S_2) are given in the figure.



Unit weight of water, $\gamma_w = 9.81 kN/m^3$
Atmospheric Pressure, $p_{atm} = 95.43 kPa$

The gauge pressure value (in kN/m^2. Up to two decimal places) of p_1 is _____

Key: **(–8.73)**

Exp: Balancing the pressure force at datum level below fluid II:

$$P_A = P_1 + \underset{\text{(Fluid I)}}{S_1 \times \rho_w} \times g \times 0.5 + S_2 \times \rho_w \times g \times 1$$

$$1000 \times 9.81 \times 0.5 = P_1 + 0.88 \times 1000 \times 9.81 \times 0.5 + 0.95 \times 9.81 \times 1 \times 1000$$

$$\Rightarrow P_1 = -8.73 KN/m^2$$

33. The value (up to two decimal places) of a line integral $\int \vec{F}(\vec{r}).d\vec{r}$, for $\vec{F}(\vec{r}) = x^2\vec{i} + y^2\vec{j}$ along C which is a straight line joining (0,0) to (1,1) is _____

Key: **(0.67)**

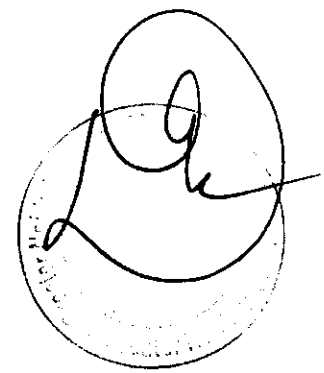
Exp: $\int_C \vec{F}(\vec{r}).d\vec{r} = \int_C x^2dx + y^2dy$

straight line joining $(0,0)$ to $(1,1)$ is $y = x$

$$\Rightarrow dy = dx$$

$$\therefore \int_C x^2dx + y^2dy = \int_{x=0}^{1} x^2dx + x^2dx = \int_{x=0}^{1} 2x^2dx$$

$$= 2\frac{x^3}{3}\Big|_0^1 = \frac{2}{3} \simeq 0.67$$



34. A singly reinforced rectangular concrete beam of width 300mm and effective depth 400 mm is to be designed using M25 grad concrete and Fe500 grade reinforcing steel. For the beam to be under reinforced, the maximum number of 16mm diameter reinforcing bars that can be provided is

(A) 3 (B) 4 (C) 5 (D) 6

Key: **(C)**

Exp: For Fe500

$$x_{u,max} = 0.46d = 0.46 \times 400 = 184 mm$$

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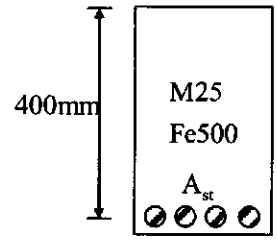
For under reinforced section $x_u < x_{u,max}$



$C=T$

$0.36 f_{ck}\ b\ x_u = 0.87\ f_y\ A_{st}$

$$0.36\times 25\times 300\times(184) = 0.87\times 500\times n\times\frac{\pi}{4}16^2$$

$$n=\frac{0.36\times 25\times 300\times 184\times 4}{0.87\times 500\times\pi\times 16^2}=5.68$$

5.68 no.f bars will be used for balanced section for under reinforced section no.of bars should be less than that of balanced section and maximum value is 5.

35. In a 5m wide rectangular channel, the velocity u distribution in the vertical direction y is given by $u=1.25y^{\frac{1}{6}}$. The distance y is measured from the channel bed. If the flow depth is 2m, the discharge per unit width of the channel is

(A) $2.40 m^3/s/m$ (B) $2.80\ m^3/s/m$ (C) $3.27\ m^3/s/m$ (D) $12.02\ m^3/s/m$

Key: (A)

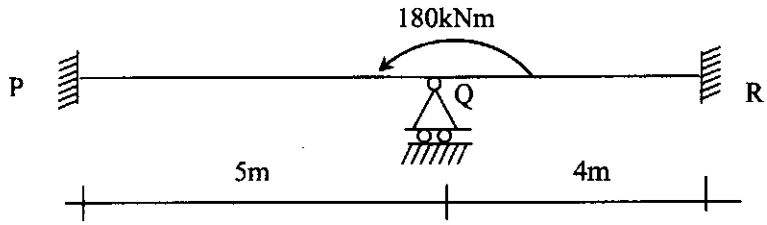
Exp: $q=\int_0 u.d_y$

$$=\int_0^2 1.25y^{1/6}d_y$$

$$=1.25\frac{y^{7/6}}{7/6}\Big|_0^2=1.25.\frac{2^{7/6}}{7/6}$$

$=2.40\ m^2/s/m$ width

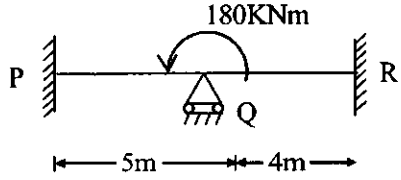
36. A prismatic beam P-Q-R of flexural rigidity $EI=1\times10^4 kNm^2$ is subjected to a moment of 180kNm at Q as shown in the figure.



The rotation at Q (in rad, up to two decimal places) is _____

Key: (0.01)

Exp:



Using slope deflection equation

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$$M_{QP} = \frac{2EI}{5}(2\theta_{QP})$$

$$M_{QR} = \frac{2EI}{4}(2\theta_{QR})$$

using equilibrium;

$\because M_{QP} + M_{QP} = 180$

$$\Rightarrow \frac{2EI}{5} \times 2\theta_{QP} + \frac{4EI\theta_{QR}}{4} = 180$$

or, $0.8EI(\theta_{QP}) + EI\theta_{QR} = 180$

or, $1.8EI\theta_{Q} = 180$

or, $\theta_{Q} = \frac{100}{EI} = \frac{100}{1\times10^4} = 0.01$ radian

37. A 7.5 m wide two lane road on a plain terrain is to be laid along a horizontal curve of radius 510m. For a design speed of 100kmph, super elevation is provided as per IRC: 73-1980. Consider acceleration due to gravity as 9.81m/s^2. The level difference between the inner and outer edges of the road (in m, up to three decimal places) is _____

Key: **(0.525m)**

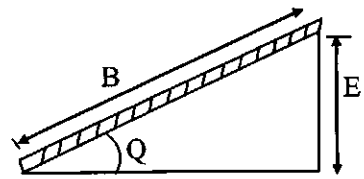
Exp: B = 7.5m, R = 510m

Design speed, V=100 kmph

$g = 9.81 m/s^2$

We know,

super elevation, $e = \tan\theta = \sin\theta = \frac{E}{B}$



$\therefore E = eB$

For mixed traffic condition

$$e = \frac{V^2}{225R} = \frac{(100)^2}{225\times510} = 0.087 > 0.07$$

$\therefore$ restrict e = 0.07 for which $f = \frac{V^2}{127R} - 0.07$

$$= \frac{(100)^2}{127\times510} - 0.07 = 0.084 < 0.15$$

$\therefore E = 7.50 \times 0.070 = 0.525$m

38. The Laplace transform F(s) of the exponential function, $f(t) = e^{at}$ when $t \geq 0$, where a is a constant and (s-a) > 0, is

(A) $\frac{1}{s+a}$ (B) $\frac{1}{s-a}$ (C) $\frac{1}{a-s}$ (D) ∞

Key: **(B)**

Exp: $L[e^{at}] = \frac{1}{s-a}$

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39. An aerial photograph of a terrain having an average elevation of 1400m is taken at a scale of 1:7500. The focal length of the camera is 15cm. The altitude of the flight above mean sea level (in m, up to one decimal place) is _____

Key: **(2525.0)**

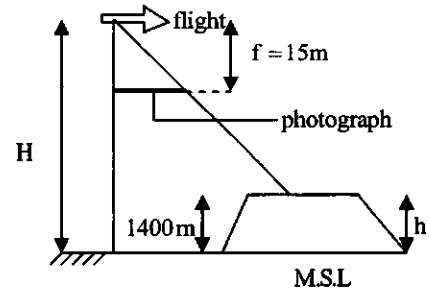
Exp: Let altitude of the flight above MSL be H

$h = 1400$ m

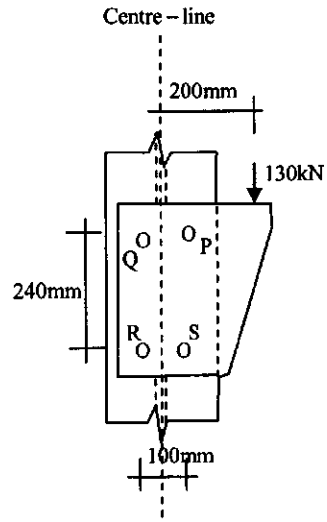
$$s = \frac{l}{7500}$$

$$\Rightarrow \frac{l}{7500} = \frac{f}{H-h}$$

$$\Rightarrow H - 1400 = 7500(0.15) \Rightarrow H = 2525\text{m}$$



40. Four bolts P, Q, R and S of equal diameter are used for a bracket subjected to a load of 130 kN as shown in the figure.



The force in bolt P is

(A) 32.50kN (B) 69.32kN (C) 82.50kN (D) 119.32kN

Key: **(B)**

Exp: Direct force, $F_1 = \frac{P}{4} = \frac{130}{4} = 32.5\text{kN}$

Force due to moment, $F_2 = \frac{Per_n}{\Sigma r^2}$

$r_n = \sqrt{(50)^2 + (120)^2} = 130\text{mm}$

$\Sigma r^2 = 4 \times (130)^2 = 520 \times 130 = 67600$

$$\therefore F_2 = \frac{130 \times 0.20 \times 130 \times 1000}{67600} = 50\text{kN}$$

$$\cos\theta = \frac{50}{\sqrt{(50)^2 + (120)^2}} = \frac{50}{130} = 0.385$$

Resultant force, $F_n = \sqrt{(32.5)^2 + (50)^2 + 2 \times 32.5 \times 50 \times 0.385}$

$\Rightarrow F_n = 69.32\text{kN}$

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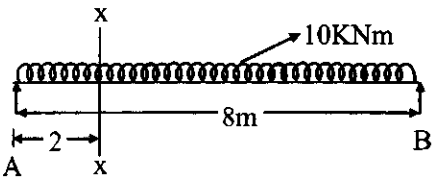
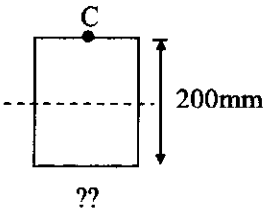
41. An 8 m long simply supported elastic beam of rectangular cross section (100mm × 200mm) is subjected to a uniformly distributed load of 10kN/m over its entire span. The maximum principal stress (in MPa, up to two decimal places) at a point located at the extreme compression edge of a cross section and at 2m from the support is _____

Key: **(90.00)**

Exp:



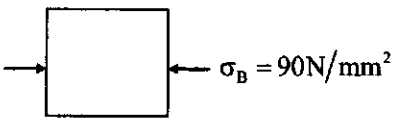


$$M_x = V_A \times 2 - 10 \times 2 \times 1$$

$$= \frac{10 \times 8}{2} \times 2 - 20 = 60\text{KNm}$$

$$\therefore \sigma_b = \frac{M}{I} y_{max} = \frac{60 \times 10^6 \times 12}{(100)(200)^3} \times 100 = 90\,\text{N/mm}^2\,(\text{compressre})\,\text{at C.}$$

τ at top compression edge $= 0$

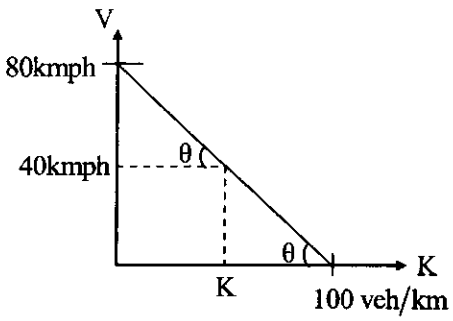


$$\therefore \sigma_1 = \frac{\sigma_b}{2} + \sqrt{\left(\frac{\sigma_b}{2}\right)^2 + \tau^2} = \sigma_b = 90\text{N/mm}^2 = 90.00\text{MPa.}$$

42. The space mean speed (kmph) and density (vehicles/km) of a traffic stream are linearly related. The free flow speed an jam density are 80kmph and 100 vehicles/km respectively. The traffic flow (in vehicles/h, up to one decimal place) corresponding to a speed of 40kmph is _____

Key: **(2000)**

Exp:



$$\tan\theta = \frac{80-40}{k} = \frac{80}{100}$$

$$\frac{40}{k} = \frac{80}{100} \Rightarrow k = \frac{4000}{80} = 50\text{ veh/km}$$

$$q = kv = 40 \times 50 = 2000\text{ veh/hr}$$

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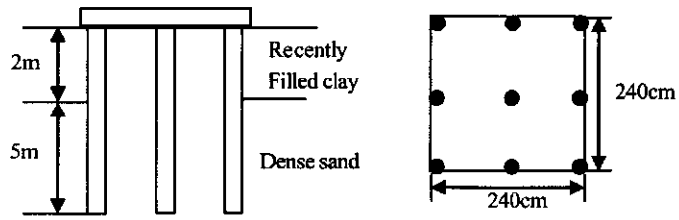
43. A group of nine piles in a 3×3 square pattern is embedded in a soil strata comprising dense sand underlying recently filled clay layer, as shown in the figure. The perimeter of an individual pile is 126cm. The size of pile group is 240 cm×240cm. The recently filled clay has undrained shear strength of 15kPa and unit weight of 16kN/m^3.



The negative frictional load (in kN, up to two decimal places) acting on the pile group is _____

Key: **(472.32kN)**

Exp: Single action

$F_{ng} = nF_n = nCN_c p_s L$

$= 9 \times 15 \times 1.26 \times 2$

$= 340.20\ \text{kN}$

Group pile action

$F_{ng} = c_u p_g L + \gamma D_n A_g$

$= 15 \times 4 \times 2.4 \times 2 + 16 \times 2 \times (2.4)^2 = 472.32\text{kN}$

$\therefore$ Negative frictional load = 472.32kN

(whichever is greater)

44. A prismatic propped cantilever beam of span L and plastic moment capacity M_p is subjected to a concentrated load at its mid span. If the collapse load of the beam is $\alpha\frac{M_p}{L}$, the value of α is _____

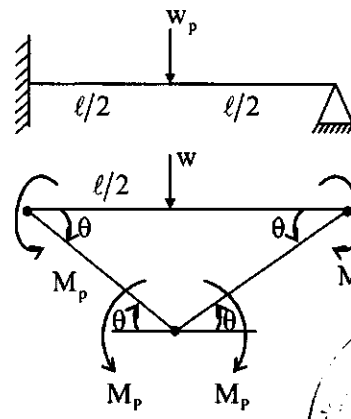
Key: **(6)**

Exp: By upper bound theorem

$M_p\theta + M_p\theta + M_p\theta + 0 = w\frac{\ell}{2}\theta$

$3m_p\theta = \frac{w\ell}{2}\theta$

$w = \frac{6M_p}{\ell} \Rightarrow \alpha = 6$



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45. The matrix $\begin{bmatrix} 2 & -4 \\ 4 & -2 \end{bmatrix}$ has

(A) real eigenvalues and eigenvectors

(B) real eigenvalues but complex eigenvectors

(C) complex eigenvalues but real eigen vectors

(D) complex eigenvalues and eigen vectors

Key: (D)

Exp: Let $A = \begin{bmatrix} 2 & -4 \\ 4 & -2 \end{bmatrix}$

Characteristic equation of A is $\lambda^2 - (\text{trace of } A)\lambda + |A| = 0$

$$\Rightarrow \lambda^2 - 0 + 12 = 0$$

$$\Rightarrow \lambda = \pm 2\sqrt{3}\,i$$

and corresponding eigen vectors are

$$\begin{bmatrix} \frac{1}{2} + \frac{\sqrt{3}}{2}i \\ 1 \end{bmatrix} \begin{bmatrix} \frac{1}{2} - \frac{\sqrt{3}}{2}i \\ 1 \end{bmatrix}$$

46. A flocculation tank contains $1800m^3$ of water, which is mixed using paddles at an average velocity gradient G of 100/s. The water temperature and the corresponding dynamic viscosity are 30°C and 0.798×10^{-3} Ns/m^2, respectively. The theoretical power required to achieve the stated value of G (in kW, up to two decimal places) is _____

Key: (14.36)

Exp: Given,

$V = 1800m^3$

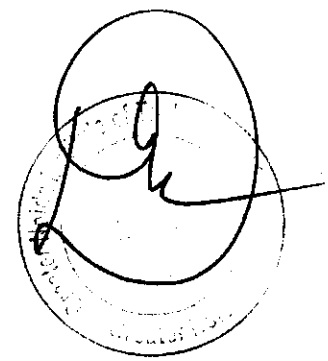
$G = 100S^{-1}$

$\mu = 0.798\times10^{-3}\ Ns/m^2$

$\therefore$ Theoretical power, $P = G^2V\mu$

$$= (100)^2 \times 1800 \times 0.798 \times 10^{-3}$$

$$= 14364 \text{ watt} = 14.36 \text{ kwatt}$$



47. The total horizontal and vertical stresses at a point X in a saturated sandy medium are 170 kPa and 300kPa, respectively. The static pore water pressure is 30 kPa. At failure, the excess pore water pressure is measured to be 94.50kPa, and the shear stresses on the vertical and horizontal planes passing through the point X are zero. Effective cohesion is 0kPa and effective angle of internal friction is 36°. The shear strength (in kPa, up to two decimal places) at point X is _____

Key: (52.449)

Exp: $\alpha = 45 + \frac{\phi}{2}$

$\phi = 36^0$

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$$\alpha = 45 + \frac{\phi}{2} = 45 + \frac{36}{2} = 45 + 18 = 63^0$$

$$\bar{\sigma}_1 - \sigma - u = 300 - (30 + 94.50) = 175.5$$

$$\bar{\sigma}_3 = \sigma - u = 170 - (30 + 94.50) = 45.5$$

$$\bar{\sigma}_n = \frac{\bar{\sigma}_1 + \bar{\sigma}_3}{2} + \frac{\bar{\sigma}_1 - \bar{\sigma}_3}{2}\cos 2\alpha$$

$$= \frac{175 + 45.5}{2} + \frac{175 - 45.5}{2}\cos(2 \times 63)$$

$$= 110.25 + 64.75$$

$$= 110.25 - 3805$$

$$= 72.19$$

$$\text{shear strength}(\tau) = c + \bar{\sigma}_n \tan\phi$$

$$= 0 + 72.19 \tan 36$$

$$= 52.449\,\text{kPa}$$

48. The total rainfall in a catchment of area 1000km^2, during a 6h storm, is 19cm. The surface runoff due to this storm computed from triangular direct runoff hydrograph is 1×10^8m^3. The ϕ_{index} for this storm (in cm /h, up to one decimal place) is _____

Key: **(1.5)**

Exp: Catchment area $= 1000\,\text{km}^2 = 1000 \times 10^6\,\text{m}^2$

$$\text{rainfall}(p) = 19\text{cm}$$

$$\text{duration}(t) = 6\text{hrs}$$

$$\text{surface runoff} = 1 \times 10^8\,\text{m}^3$$

$$\text{runoff} = \frac{1 \times 10^8}{1000 \times 10^6} = \frac{1}{10}\text{m} = 0.1\text{m} = 10\,\text{cm}$$

$$\phi - \text{index} = \frac{p - R}{t} = \frac{19 - 10}{6\text{h}} = \frac{9}{6} = 1.5\,\text{cm/hr}$$

49. A rough pipe of 0.5m diameter, 300m length and roughness height of 0.25mm. carries water (kinematic viscosity=0.9×10^{-6}m^2/s) with velocity of 3m/s. Friction factor (f) for laminar flow is given by f=64/Re, and for turbulent flow it is given by $\frac{1}{\sqrt{f}} = 2\log_{10}\left(\frac{r}{k}\right) + 1.74$, where, Re=Reynolds number, r=radius of pipe, k=roughness height and g=9.81m/s^2. The head loss (in m, up to three decimal places) in the pipe due to friction is _____.

Key: **(4.594)**

Exp: Reynolds number

$$(R_e) = \frac{\rho VD}{\mu} = \frac{VD}{\gamma} = \frac{3(\text{m/s}) \times 0.5\text{m}}{0.9 \times 10^{-6}}$$

$$= 1.6667 \times 10^6 > 2000$$

Flow is turbulent

For Turbulent flow

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$$\frac{1}{\sqrt{f}} = 2\log_{10}\left(\frac{r}{K}\right) + 1.74$$

$$\frac{1}{\sqrt{f}} = 2.\log_{10}\left(\frac{0.25\times10^{-3}}{0.25}\right) + 1.74$$

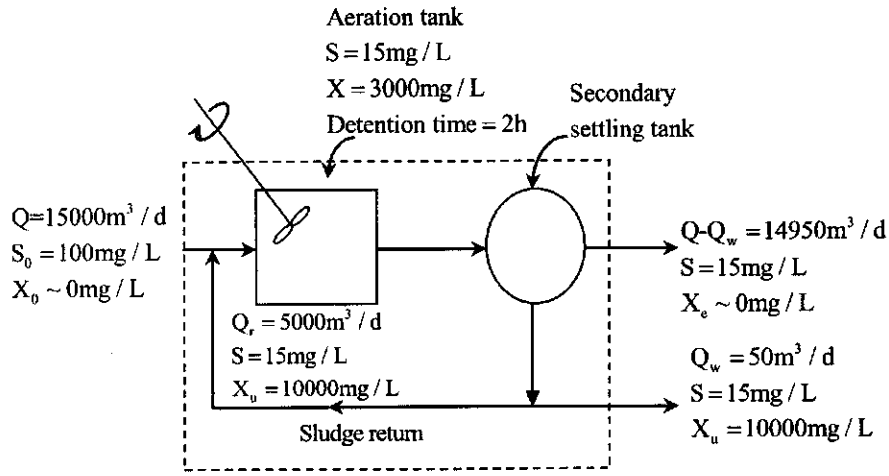
$$\frac{1}{\sqrt{f}} = 2\times3\log_{10}10 + 1.74$$

$$\frac{1}{\sqrt{f}} = 7.74 \Rightarrow f = 0.01669$$

$$\text{head loss due to friction}\left(h_f\right) = \frac{fLV^2}{2gd} = \frac{0.01669\times300\times3^2}{2\times9.81\times0.5}$$

$$= 4.594\text{m}$$

50. A schematic flow diagram of a completely mixed biological reactor with provision for recycling of solids is shown in the figure.



S_0, S=readily biodegradable soluble BOD, mg/L

Q, Q_r, Q_w=flow rates, m^3/d

X_0, X, X_e, X_u= microorganism concentrations (mixed – liquor volatile suspended solids or MLVSS), mg/L

The mean cell residence time (in days, up to one decimal place) is _____.

Key: (7.5)

Exp: Mean cell residence time $\left(\theta_c\right) = \dfrac{\text{mass of MLSS in creation tank}}{\text{mass of MLSS wasted/day}}$

$$\theta_c = \frac{VX}{Q_wX_u + Q_eX_e} = \frac{VX}{Q_wX_u + (Q-Q_w)X_e}$$

$$Q - Q_w = 14950$$

$$Q = 14950 + Q_w$$

$$= 14950 + 50 = 15000\,m^3/\text{day}$$

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$Q_e = Q - Q_w = 15000 - 50 = 14950\ m^3/day$

Detention time = 2hr

$\frac{Volume}{Q} = 2hrs$

volume = $2hr \times 15000\ m^3/day$

$= \frac{2 \times 15000}{24} = \frac{30000}{24} m^3 = 1250 m^3$

$Q_e = \frac{V.X}{Q_w X_w + Q_e X_e}$

$= \frac{1250 \times 3000}{50 \times 10000} = 7.5 days$

51. A car follows a slow moving truck (travelling at a speed of 10m/s) on a two lane two way highway. The car reduces its speed to 10m/s and follows the truck maintaining a distance of 16m from the truck. On finding a clear gap in the opposing traffic stream, the car accelerates at an average rate of $4m/s^2$, overtakes the truck and returns to its original lane. When it returns to its original lane, the distance between the car and the truck is 16m. The total distance covered by the car during this period (from the time it leaves its lane and subsequently returns to its lane after overtaking) is

(A) 64m (B) 72m (C) 128 m (D) 144m

Key: **(B)**

Exp: $d_2 = V_B T + (S_1 + S_2)$

$S_1 = S_2 = 16m$

$T = \sqrt{\frac{2(S_1 + S_2)}{a}} = \sqrt{\frac{2(16+16)}{4}} = \sqrt{\frac{2 \times 32}{4}} = 4$

$d_2 = 10 \times 4 + 16 + 16$

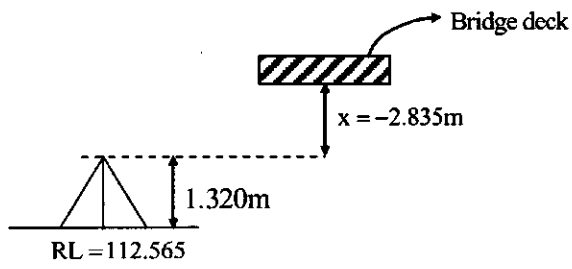
$= 40 + 32 = 72m$

52. A level instrument at a height of 1.320 m has been placed at a station having a Reduced Level (RL) of 112.565m. The instrument reads-2.835m on a levelling staff held at the bottom of a bridge deck. The RL (in m) of the bottom of the bridge deck is

(A) 116.720 (B) 116.080 (C) 114.080 (D) 111.050

Key: **(A)**

Exp:



$RL = 112.565 + 1.320 + 2.835 = 116.72m$

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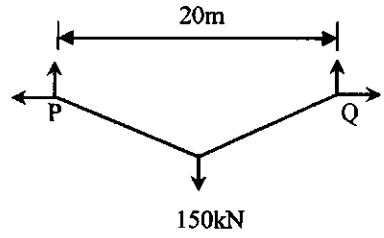
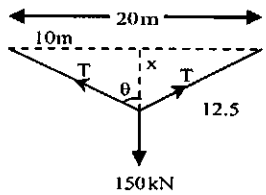
53. A cable PQ of length 25m is supported at two ends at the same level as shown in the figure. The horizontal distance between the supports is 20m. A point load of 150kN is applied at point R which divides it into two equal parts.



Neglecting the self weight of the cable. The tension (in kN. In integer value) in the cable due to the applied load will be _____.

Key: (125)

Exp:

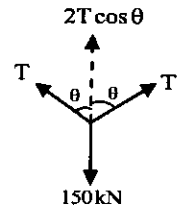


$$x^2 + 10^2 = 12.5^2$$

$$x^2 = 12.5^2 - 10^2$$

$$x = 7.5\,m$$

$$\cos\theta = \frac{7.5}{12.5}$$



$$2T\cos\theta = 150kN$$

$$T = \frac{150}{2\cos\theta} = \frac{150}{2\times\frac{7.5}{12.5}}$$

$$= 125kN$$

54. At a small water treatment plant which has 4 filters, the rates of filtration and back washing are $200m^3/d/m^2$ and $1000m^3/d/m^2$, respectively. Backwashing is done for 15min per day. The maturation, which occurs initially as the filter is put back into service after cleaning, takes 30min. It is proposed to recover the water being wasted during backwashing and maturation. The percentage increase in the filtered water produced (up to two decimal places) would be __.

Key: (7.528)

Exp: % increase in filtered water $= \frac{\text{volume of water used in back washing}}{\text{volume of filtered water}} \times 100$

$$= \frac{\text{volume of water used in}(\text{back washing} + \text{maturation})}{\text{volume of filtered water}} \times 100$$

$$= \frac{ROB \times DOB \times \text{Area of filter} + ROM \times DOM \times \text{Area}}{ROF \times DOF \times \text{Area of filter}} \times 100$$

$$= \frac{1000 \times \frac{15\,min}{24 \times 60\,min} + 200 \times \frac{30\,min}{24 \times 60\,min}}{200 \times \frac{(24 - 0.75)\,hr}{24hr}} \times 100$$

$$= \frac{10.42 + 4.167}{193.75} \times 100 = 7.528\%$$

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55. The rank of the following matrix is

$$\begin{bmatrix} 1 & 1 & 0 & -2 \\ 2 & 0 & 2 & 2 \\ 4 & 1 & 3 & 1 \end{bmatrix}$$

(A) 1 (B) 2 (C) 3 (D) 4

Key: (B)

Exp: $\begin{bmatrix} 1 & 1 & 0 & -2 \\ 2 & 0 & 2 & 2 \\ 4 & 1 & 3 & 1 \end{bmatrix}$

Reducing into Echelon form

$$\begin{matrix} R_2 \to R_2 - 2R_1 \\ R_3 \to R_3 - 4R_1 \end{matrix} \sim \begin{bmatrix} 1 & 1 & 0 & -2 \\ 0 & -2 & 2 & 6 \\ 0 & -3 & 3 & 9 \end{bmatrix}$$

$$R_3 \to 2R_3 - 3R_2 \sim \begin{bmatrix} 1 & 1 & 0 & -2 \\ 0 & -2 & 2 & 6 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

Rank = No of non-zero rows

= 2

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Date: 03/07/2017

Mechanical Engineering (Code-ME)
Circular

This is to inform all students that GATE classes are being conducted by the **Mechanical Engineering Department (Code-ME)**according to the standard syllabus of GATE as per time table on working Saturday (Syllabus under current semester and previous semesters) **Mechanical Engineering Department (Code-ME)**students are hereby informed that In-House GATE coaching will start from 05/07/2017. Kindly register your name to the departmental coordinator Mr. S Q Hussain.

GATE scores are being used by several Indian public sector undertakings for recruiting graduate engineers for entry-level positions. It is one of the most important competitive examinations in India.

Note: Time-Table is displayed on the notice board.

Dr. Sudhir Kumar
HoD, ME Department

Mechanical Engineering (Code-ME)

GATE Classes (Module)

Section -1	**Engineering Mathematics (MATH)**	**15 Hours**
Section -2	**Fluid Mechanics**	**13 Hours**
Section -3	**Thermodynamics**	**13 Hours**
Section -4	**Heat Transfer**	**13 Hours**
Section -5	**Engineering Materials**	**13 Hours**
Section -6	**Casting**	**13 Hours**
Section -7	**Forming and Joining Process**	**13 Hours**
Section -8	**Machining and Machine Tool Operations**	**13 Hours**
Section -9	**General Aptitude (GA)**	**15 Hours**
Total		**121 hours**

Greater Noida Institute of Technology (Engg. Inst.) HOD-ME Greater Noida

Section 1: Engineering Mathematics
Linear Algebra: Vector space, basis, linear dependence and independence, matrix algebra, eigen values and eigen vectors, rank, solution of linear equations – existence and uniqueness. Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series. Differential Equations: First order equations (linear and nonlinear), higher order linear differential equations, Cauchy's and Euler's equations, methods of solution using variation of parameters, complementary function and particular integral, partial differential equations, variable separable method, initial and boundary value problems. Vector Analysis: Vectors in plane and space, vector operations, gradient, divergence and curl, Gauss's, Green's and Stoke's theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula; Taylor's and Laurent's series, residue theorem. Numerical Methods: Solution of nonlinear equations, single and multi-step methods for differential equations, convergence criteria. Probability and Statistics: Mean, median, mode and standard deviation; combinatorial probability, probability distribution functions – binomial, Poisson, exponential and normal; Joint and conditional probability; Correlation and regression analysis.
Section 2: Fluid Mechanics:
Fluid properties; fluid statics, forces on submerged bodies, stability of floating bodies; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation; dimensional analysis; viscous flow of incompressible fluids, boundary layer, elementary turbulent flow, flow through pipes, head losses in pipes, bends and fittings; basics of compressible fluid flow
Section 3: Thermodynamics:
Thermodynamic systems and processes; properties of pure substances, behavior of ideal and real gases; zeroth and first laws of thermodynamics, calculation of work and heat in various processes; second law of thermodynamics; thermodynamic property charts and tables, availability and irreversibility; thermodynamic relations.
Section 4: Heat-Transfer:
Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, heat transfer through fins; unsteady heat conduction, lumped parameter system, Heisler's charts; thermal boundary layer, dimensionless parameters in free and forced convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of turbulence; heat exchanger performance, LMTD and NTU methods; radioactive heat transfer, Stefan- Boltzmann law, Wien's displacement law, black and grey surfaces, view factors, radiation network analysis
Section 5: Engineering Materials:
Structure and properties of engineering materials, phase diagrams, heat treatment, stress-strain diagrams for engineering materials.
Section 6: Casting:
Different types of castings, design of patterns, moulds and cores; solidification and cooling; riser and gating design.
Section 7: Forming and Joining Processes:

Greater Noida Institute of Technology
HOD-ME

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

Mechanical Engineering (Code-ME)

Session (2017-18)

GATE CLASSES-TimeTable

Room No: Seminar Hall **w.e.f: 13/07/2017**

1	06 July 2017	EM	FM		TD	MATH
2	12 July2017	CT	FJ		MMTO	APT
3	19 July 2017	EM	FM		TD	MATH
4	12 Aug 2017	CT	FJ		MMTO	APT
5	19 Aug 2017	EM	FM		TD	MATH
6	26 Aug 2017	CT	FJ		MMTO	APT
7	2 Sep 2017	EM	FM		TD	MATH
8	9 Sep 2017	CT	FJ		MMTO	APT
9	18 Sep 2017	EM	FM	**BREAK**	TD	MATH
10	6 Oct 2017	CT	FJ		HT	APT
11	13 Oct 2017	EM	FM		MI	MATH
12	27 Oct 2017	CT	FJ		HT	APT
13	4 Nov 2017	EM	FM		MI	MATH
14	11 Nov 2017	CT	FJ		HT	APT
15	18 Nov 2017	EM	FM		MI	MATH
16	25 Nov 2017	CT	FJ		HT	APT
17	2 Dec 2017	EM	FM		MI	MATH
18	9 Dec 2017	PREVIOUS PAPER DISCUSSION			HT	APT
19	15 Dec 2017	PREVIOUS PAPER DISCUSSION			MI	MATH

Greater Noida Institute of Technology Engg. Inst. ★ Greater Noida ★ HoD-ME

Plastic deformation and yield criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; principles of powder metallurgy. Principles of welding, brazing, soldering and adhesive bonding.
Section 8: Machining and Machine Tool Operations:
Mechanics of machining; basic machine tools; single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, jigs and fixtures; abrasive machining processes; NC/CNC machines and CNC programming.
Section 9: General Aptitude (APT)
Verbal Aptitude: Basic English grammar: tenses, articles, adjectives, prepositions, conjunctions, verb-noun agreement, and other parts of speech Basic vocabulary: words, idioms, and phrases in context Reading and comprehension Narrative sequencing **Quantitative Aptitude:** Data interpretation: data graphs (bar graphs, pie charts, and other graphs representing the data), 2- and 3-dimensional plots, maps, and tables Numerical computation and estimation: ratios, percentages, powers, exponents and logarithms, permutations and combinations, and series Mensuration and geometry Elementary statistics and probability. **Analytical Aptitude:** Logic: deduction and induction, Analogy, Numerical relations and reasoning. **Spatial Aptitude:** Transformation of shapes: translation, rotation, scaling, mirroring, assembling, and grouping Paper folding, cutting, and patterns in 2 and 3 dimensions.

Greater Noida Institute of Technology (Engg. Inst.) HoD-ME Greater Noida

Subject allotted to faculty members

Sr. No	Subjects	Faculty
1	Engineering Mathematics (MATH)	Dr. Shikha Srivastava
2	Fluid Mechanics	Mr. Rishi Kumar Singh
3	Thermodynamics	Mr. Sandeep Patidar
4	Heat Transfer	Mr. S Q Hussain
5	Engineering Materials	Mr. Gagan Varshney
6	Casting	Dr. Vaibhav Gangwar
7	Forming and Joining Process	Mr. Sudhir Kumar
8	Machining and Machine Tool Operations	Mr. Girendra Bhati
9	General Aptitude (GA)	Mr. Deepanshu

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★
HOD-ME

List of students

S.No.	I.D. No.	UPTU Roll No	Student Name	BATCH
1	213379	1313240813	ANKUL PAWAR	2017-18
2	213416	1313240843	PRABHAT KUMAR	2017-18
3	214256	1413240140	PRASHANT KUMAR	2017-18
4	214357	1413240155	RAJAT SHARMA	2017-18
5	214359	1413240066	DHRUBA MANDAL	2017-18
6	214363	1413240126	NADEEM AHMAD	2017-18
7	214364	1413240102	MD. ISHTEYAQUE KHAN	2017-18
8	214365	1413240069	FAQRUDDIN	2017-18
9	214366	1413240204	SOMPRIYA RAJ	2017-18
10	214371	1413240008	ABHISHEK KUMAR SINGH	2017-18
11	214373	1413240128	NAUROZ KHAN	2017-18
12	214375	1413240076	GUDDU KUMAR RAI	2017-18
13	214376	1413240164	RAUNAK KUMAR SINGH	2017-18
14	214381	1413240106	MD MISBAHUL IMAM	2017-18
15	214382	1413240049	AVNEESH SHARMA	2017-18
16	214383	1413240046	AVANEESH CHAUBEY	2017-18
17	214385	1413240230	VISHAL SINGH	2017-18
18	214386	1413240071	GAURAV KUMAR	2017-18
19	214389	1413240012	ABHISHEK SISODIA	2017-18
20	214392	1413240216	SYED INTEKHAB AHMAD JAFRI	2017-18
21	214394	1413240085	JAI SINGH	2017-18
22	214396	1413240097	MD ANSAR ALAM	2017-18
23	214400	1413240229	VISHAL PRAKASH	2017-18
24	214401	1413240095	MAYANK PRAKASH	2017-18
25	214403	1413240143	PRASUN CHATURVEDI	2017-18
26	214406	1413240006	ABHISHEK KUMAR	2017-18
27	214407	1413240156	RAJAT SINGH	2017-18
28	214410	1413240057	DEEPAK RAWAT	2017-18

Greater Noida Institute of Technology (Engg. Inst.)
HoD-ME

29	214411	1413240137	PRABHAT KUMAR	2017-18
30	214412	1413240138	PRAMOD KUMAR YADAV	2017-18
31	214413	1413240136	PAVAN KUMAR JANMEDA	2017-18
32	214414	1413240020	AJIT KUMAR SINGH	2017-18
33	214419	1413240152	RAHUL KUMAR	2017-18
34	214420	1413240190	SAURABH KUMAR	2017-18
35	214421	1413240197	SHIVAM MISHRA	2017-18
36	214423	1413240198	SHIVAM SONI	2017-18
37	214434	1413240118	MOHD AFSAR	2017-18
38	214446	1413240052	CHANDAN KUMAR GUPTA	2017-18
39	214447	1413240170	RISHIKESH PURI	2017-18
40	214448	1413240165	RAVI KUMAR SAHA	2017-18
41	214454	1413240210	SUNIL KUMAR	2017-18
42	214456	1413240056	DEEPAK KUMAR SINGH	2017-18
43	214459	1413240096	MAYUR GHOSH	2017-18
44	214474	1413240178	SALMAN HAIDER NAQVI	2017-18
45	214476	1413240060	DEEPESH KUMAR	2017-18
46	214483	1413240201	SHUBHAM KUMAR	2017-18
47	120969	1213240131	NEERAJ	2017-18
48	130971	1313240156	SHIVAM	2017-18
49	130974	1313240105	MUAZZAM IRSHAD	2017-18
50	131040	1313240005	AAYUSH BHARDWAJ	2017-18
51	131049	1313240077	KULDEEP KAUSHIK	2017-18
52	131102	1313240051	DEVDUTT VERMA	2017-18
53	131146	1313240052	DILIP KUMAR GAUTAM	2017-18
54	131149	1313240141	SAGAR KUMAR	2017-18
55	140167	1413240028	AMIT KUMAR DWIVEDI	2017-18
56	140374	1413210138	SAKSHI	2017-18
57	140630	1413240029	AMIT KUMAR SINGH	2017-18
58	140668	1413240001	ABDUL AAHAD	2017-18

Greater Noida Institute of Technology (Engg. Inst.) HoD/ME

59	140898	1413240124	MOUZAHOUDDIN	2017-18
60	140899	1413240023	AKASH KUMAR PANDEY	2017-18
61	140900	1413240141	PRASHANT SINGH	2017-18
62	140901	1413240086	JATIN RAI	2017-18
63	140902	1413240213	SWARAJ PAL	2017-18
64	140903	1413240103	MD ISLAH ANSARI	2017-18
65	140904	1413240177	SAKSHAM ARORA	2017-18
66	140905	1413240214	SWARAJ SRIVASATAVA	2017-18
67	140907	1413240091	KUNAL SINGH	2017-18
68	140908	1413240122	MOHD SHUAIB SAIFI	2017-18
69	140910	1413240083	HIMANSHU TYAGI	2017-18
70	140911	1413240088	JITESH SHARMA	2017-18
71	140912	1413240188	SATYAM SINGH	
72	140914	1413240174	SACHIN KUMAR	
73	140915	1413240048	AVINASH YADAV	2017-18
74	140916	1413240043	ASHUTOSH GAUR	2017-18
75	140917	1413240220	VARSHA KULSHRESTHA	2017-18
76	140919	1413240154	RAJ KUMAR YADAV	2017-18
77	140920	1413240182	SANTOSH KUMAR MAURYA	2017-18
78	140922	1413240200	SHUAB ALI KHAN	2017-18
79	140923	1413240065	DHEERAJ PANDEY	2017-18
80	140924	1413240063	DEVESH SHARMA	2017-18
81	140925	1413240228	VISHAL MAURYA	2017-18
82	140927	1413240024	AKASH SHARMA	2017-18
83	140928	1413240147	PREETI TIWARI	2017-18
84	140929	1413240019	AJEET SURYAVANSHI	2017-18
85	140930	1413240089	KANISHK SINGH	2017-18
86	140931	1413240150	PUNEET KUMAR	2017-18
87	140932	1413240184	SARVESH SINGH	2017-18
88	140933	1413240072	GAURAV KUMAR	2017-18

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★
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89	140934	1413240094	MANISH KUMAR MAURYA	2017-18
90	140935	1413240206	SREYANSH JAISWAL	2017-18
91	140936	1413240185	SATISH YADAV	2017-18
92	140939	1413240148	PRINCE KUMAR	2017-18
93	140940	1413240219	UTKARSH RAI	2017-18
94	140941	1413240041	ARPIT SHARMA	2017-18
95	140942	1413240036	ANSHU MAN PATHAK	2017-18
96	140945	1413240055	DEEN BANDHU NISHAD	2017-18
97	140946	1413240009	ABHISHEK MANI TRIPATHI	2017-18
98	140948	1413240081	HIMANSHU PANWAR	2017-18
99	140950	1413240010	ABHISHEK RAJPUT	2017-18
100	140951	1413240218	UMESH KUMAR CHAUHAN	2017-18
101	140952	1413240159	RAJNIKANT CHAUBEY	2017-18
102	140954	1413240151	PUSHPENDRA VERMA	2017-18
103	140955	1413240018	AJAY KUMAR YADAV	2017-18
104	140956	1413240175	SACHIN KUMAR	2017-18
105	140957	1413240183	SARANSH BHATNAGAR	2017-18
106	140958	1413240196	SHIVAM GUPTA	2017-18
107	140960	1413240133	NIKESH SINGH	2017-18
108	140962	1413240132	NEERAJ KUMAR PATEL	2017-18
109	140964	1413240033	ANKIT KUMAR SINGH	2017-18
110	140965	1413240157	RAJEEV KUMAR	2017-18
111	140966	1413240173	ROHIT PANDEY	2017-18
112	140967	1413240082	HIMANSHU SINGH	2017-18
113	140968	1413240108	MD RAZA ANSARI	2017-18
114	140969	1413240192	SHAGAF SIDDIQUI	2017-18
115	140971	1413240013	ADARSH KUMAR PANDEY	2017-18
116	140972	1413240125	MUZAMIL HUSSAIN DAR	2017-18
117	140974	1413240215	SYED FARHAN RIZVI	2017-18
118	140975	1413240226	VINAY PANWAR	2017-18

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★ HoD-ME

119	140981	1413240080	HIMANSHU KUMAR SINGH	2017-18
120	140982	1413240212	SURYNARAYAN GUPTA	2017-18
121	140984	1413240129	NAWAB SAQUIB FAISHAL	2017-18
122	140985	1413240025	AMAN KUMAR BHARDWAJ	2017-18
123	140986	1413240199	SHIVPRANESH KUMAR	2017-18
124	140988	1413240064	DHEERAJ JAISWAL	2017-18
125	140989	1413240051	CHANCHAL KUMAR SINGH	2017-18
126	140990	1413240026	AMIT KUMAR	2017-18
127	140991	1413240027	AMIT KUMAR	2017-18
128	140995	1413240146	PRAVIN KUMAR	2017-18
129	140999	1413240042	ASHISH KUMAR GUPTA	2017-18
130	141000	1413240232	VISHNU KUMAR MAHATO	2017-18
131	141001	1413240002	ABHIJEET SAURAV	2017-18
132	141005	1413240111	MD SAMIRUDDIN	2017-18
133	141009	1413240104	MD KASHIF ALAM	2017-18
134	141010	1413240207	SULTAN WARISH	2017-18
135	141011	1413240110	MD SAIFUL ISLAM	2017-18
136	141012	1413240167	RAVI SHANKAR	2017-18
137	141013	1413240237	ZAHID PARWEZ KHAN	2017-18
138	141014	1413240186	SATYA PRAKASH KUSHWAHA	2017-18
139	141017	1413240037	ANUJ KR SINGH	2017-18
140	141019	1413240003	ABHINANDAN KUMAR	2017-18
141	141022	1413240017	AJAY KUMAR DUBEY	2017-18
142	141023	1413240047	AVINASH KUMAR SINGH	2017-18
143	141029	1413240073	GAURAV KUMAR MISHRA	2017-18
144	141030	1413240061	DEVENDERA GUPTA	2017-18
145	141032	1413240172	ROHIT KUMAR HALWAI	2017-18
146	141033	1413240084	IRFAN ALI	2017-18
147	141034	1413240158	RAJESH KUMAR GUPTA	2017-18
148	141036	1413240169	RISHABH SHARMA	

Greater Noida Institute of Technology (Engg. Inst.) HoD-ME Greater Noida

149	141039	1413240121	MOHD NAZIM	2017-18
150	141040	1413240030	AMIT SAINI	2017-18
151	141043	1413240227	VISHAL KUMAR SINGH	2017-18
152	141044	1413240223	VIKASH KUMAR	2017-18
153	141045	1413240233	WASIM HAIDER	2017-18
154	141049	1413240139	PRASHANT DIXIT	2017-18
155	141050	1413240074	GAURAV TIWARI	2017-18
156	141053	1413240187	SATYAM SAXENA	2017-18
157	141057	1413240053	CHETAN ANAND	2017-18
158	141058	1413240005	ABHISHEK KUMAR	2017-18
159	141060	1413240040	ARJUN RAGHUWANSHI	2017-18
160	141061	1413240120	MD IMRANUL HAQUE	2017-18
161	141062	1413240092	MAHTAB ALAM	2017-18
162	141063	1413240235	YASHWANI RAGHUWANSHI	2017-18
163	141065	1413240015	AHMAD HUSAIN KHAN	2017-18
164	141067	1413240191	SAURABH RANJAN	2017-18
165	141069	1413240067	DIVYANSHU SRIVASTAVA	2017-18
166	141070	1413240054	DANISH FOZAIL	2017-18
167	141071	1413240123	MOHIT PATHAK	2017-18
168	141072	1413240099	MD ASAD	2017-18
169	141073	1413240166	RAVI RAJ	2017-18
170	141074	1413240195	SHASHIKANT SINGH	2017-18
171	141075	1413240205	SONU KUMAR SUMAN	2017-18
172	141077	1413240180	SAMEER GUPTA	2017-18
173	141078	1413240222	VIKAS TYAGI	2017-18
174	141079	1413240142	PRASHANT VARSHNEY	2017-18
175	141080	1413240079	HIMANSHU KUMAR	2017-18
176	141480	1413240901	ABHISHEK ANAND	2017-18
177	150093	1513240910	MONU KUMAR	2017-18
178	150431	1513240917	SHAMSUL ARFIN	2017-18

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★
HoD ME

179	150450	1513240904	BIKESH KUMAR	2017-18
180	150584	1513240915	ROHIT PATHAK	2017-18
181	150604	1513240914	ROHIT DOGRA	2017-18
182	151079	1513240916	SACHIN MISHRA	2017-18
183	151081	1513240906	GAURAV KUMAR	2017-18
184	151212	1513240901	ABHINAV KUMAR	2017-18
185	151237	1513240903	ARVIND KUMAR	2017-18
186	151270	1513240909	MADHUKAR KATEL	2017-18
187	151363	1513240918	SOMNATHJI VERMA	2017-18

Greater Noida Institute of Technology (Engg. Inst.) ★ Greater Noida ★
HoD-ME

Date: 07/07/2017

Computer Science and Information Technology (Code-CS)

Circular

This is to inform all students that GATE classes are being conducted by the **Computer Science and Information Technology (Code-CS)** according to the standard syllabus of GATE as per time table on working Saturday (Syllabus under current semester and previous semesters) **Computer Science and Information Technology (Code-CS)** students are hereby informed that In-House GATE coaching will start from 13/07/2017. Kindly register your name to the departmental coordinator Ms. Richa Baja and Mr. Asif Khan.

GATE scores are being used by several Indian public sector undertakings for recruiting graduate engineers' entry-level positions. It is one of the most important competitive examinations in India.

Note: Time-table is displayed on the notice board.

Dr. Rajdev Tiwari
HoD, CSE Department

Dr. Manoj Singhal
HoD, IT Department

Computer Science and Information Technology (Code-CS)
GATE Classes (Module)

Section -1	Engineering Mathematics	11 Hours
Section -2	Digital logic (DL)	10 Hours
Section -3	Computer organization and architecture (COA)	10 Hours
Section -4	Programming and data structures (PDS)	10 Hours
Section -5	Algorithms (ALGO)	10 Hours
Section -6	Theory of computation (TOC)	10 Hours
Section -7	Compiler design (CD)	10 Hours
Section -8	Operating system (OS)	10 Hours
Section -9	Databases (DB)	10 Hours
Section -10	Computer networks (CN)	10 Hours
Section -11	Discrete mathematics (DM)	10 Hours
Section -12	Aptitude (APT)	10 Hours
Total		121 hours

DETAILED SYLLABUS

Section 1: Engineering Mathematics

Linear Algebra: Matrices, determinants, the system of linear equations, eigenvalues and eigenvectors, LU decomposition.

Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration.

Probability and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

Section 2: Boolean algebra.

Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).

Section 3:Computer Organization and Architecture.

Machine instructions and addressing modes. ALU, data-path and control unit. Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

Section 4: Programming and Data Structures

Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.

Section 5: Algorithms

Searching, sorting, hashing. Asymptotic worst-case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide?and?conquer. Graph search, minimum spanning trees, and shortest paths.

Section 6: Theory of Computation

Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and context-free languages, pumping lemma. Turing machines and undecidability.

Section 7: Compiler Design

Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation. Local optimisation, Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Section 8: Operating System

System calls, processes, threads, inter-process communication, concurrency and synchronization. Deadlock. CPU and I/O scheduling. Memory management and virtual memory. File systems.

Section 9: Databases

ER model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.

Section 10: Computer Networks

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet,circuit and virtual circuit switching; Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing; Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP, DHCP, ICMP), Network Address Translation (NAT); Transport layer: flow control and congestion control, UDP, TCP, sockets; Application layer protocols: DNS, SMTP, HTTP, FTP, Email

Section 11: Discrete Mathematics

Propositional and first-order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.

Computer Science and Information Technology (Code-CS)

Session (2017-18)

GATE-2017 Time Table

Room No: **w.e.f: 13/07/2017**

1	14July 2017	DL	PDS		OS	EM
2	21July 2017	COA	ALGO		TOC	APT
3	28July 2017	DL	CD		OS	EM
4	4 AUG 2017	COA	ALGO		DB	APT
5	11 AUG 2017	CD	TOC		CN	EM
6	18 AUG 2017	COA	ALGO		DB	APT
7	1 SEPT 2017	DL	PDS		OS	EM
8	8 SEPT 2017	TOC	ALGO		CD	APT
9	15 SEPT 2017	DL	PDS		OS	EM
10	6 OCT 2017	COA	ALGO		DB	APT
11	13 OCT 2017	DL	PDS	**BREAK**	OS	EM
12	27 OCT 2017	TOC	ALGO		DB	APT
13	3 NOV 2017	DL	PDS		OS	EM
14	10 NOV 2017	COA	ALGO		CD	APT
15	17 NOV 2017	DL	PDS		TOC	EM
16	27 NOV 2017	COA	ALGO		DB	APT
17	01 DEC 2017	DL	CN		OS	EM
18	15 DEC 2017	Previous paper Discussion			CD	APT
19	22 DEC2017				DL	EM

Subject allotted to faculty members

Sr. No	Subjects	Faculty
1	Engineering mathematics (EM)	
2	Digital logic (DL)	Dr. RAJDEV TIWARI
3	Computer organization and architecture (COA)	Mr. UDAY ARUN
4	Programming and data structures (PDS)	Ms. VIDHA SHARMA
5	Algorithms (ALGO)	Mr. ASIF KHAN
6	Theory of computation (TOC)	Mr .ASHWANI VERMA
7	Compiler design (CD)	Md. JAWED KHAN
8	Operating system (OS)	Ms. Richa Bajaj
9	Databases (DB)	Ms. KUMUD YADAV
10	Computer networks (CN)	Dr. INDRADEEP VERMA
11	Discrete mathematics (DM)	Dr.Manoj Singhal
12	Aptitude (APT)	

List of students

S. NO.	ROLL NO	NAME	BATCH
1	1413213003	ABHIJEET PANDEY	2017-2018
2	1413213006	ALISHA PRIYA	2017-2018
3	1413213010	ANU GUPTA	2017-2018
4	1413213011	APARNA GUPTA	2017-2018
5	1413213012	APOORV CHAUHAN	2017-2018
6	1413213014	ASHUTOSH KUMAR	2017-2018
7	1413213015	AVINASH ARYA	2017-2018
8	1413213016	AYUSHI BAJPAI	2017-2018
9	1513213901	CHANDAN SINGH	2017-2018
10	1413213018	DEEPAK KUMAR	2017-2018
11	1413213020	DEVESH VERMA	2017-2018
12	1413213022	DIVYANSHU SHARMA	2017-2018
13	1413213023	DIWID KUMAR SINGH	2017-2018
14	1413213025	GAUTAM KUMAR	2017-2018
15	1413213027	JAGRITI AGGARWAL	2017-2018
16	1413213028	KASHIF HASHMI	2017-2018
17	1413213029	KM ALBINA IQBAL	2017-2018

18	1413213032	MANISHA ARORA	2017-2018
19	1413213033	MAYAN MISHRA	2017-2018
20	1413213035	MOHD WASEEM	2017-2018
21	1413213036	MUKUL DEV	2017-2018
22	1413213038	NEHA KUMARI	2017-2018
23	1413213040	NOOPUR SRIVASTAVA	2017-2018
24	1413213041	PALAK BANSAL	2017-2018
25	1413213042	PAYAL TYAGI	2017-2018
26	1413213043	PRERNA TYAGI	2017-2018
34	1413213044	PRIYANKA RANA	2017-2018
35	1413213045	RAHUL KUMAR GUPTA	2017-2018
36	1413213046	RAHUL NAGAR	2017-2018
37	1413213050	RAJESH KUMAR	2017-2018
38	1413213051	ROHAN KUMAR	2017-2018
39	1413213053	ROHIT KUMAR SINGH	2017-2018
40	1513213088	SANSKRITA KUMARI	2017-2018
41	1513213089	SANYAM KHAZANCHI	2017-2018
42	1513213091	SAURABH AHLAWAT	2017-2018
43	1513213093	SHAILENDRA KUMAR	2017-2018
44	1513213095	SHIVAM SINGH	2017-2018

45	1513213096	SHIVAM SRIVASTAVA	2017-2018
46	1513213097	SHREYA SINGH	2017-2018
47	1513213100	SHUBHAM GUPTA	2017-2018
48	1513213104	SHUBHANGI SAINI	2017-2018
49	1513213105	SIMRAN CHOUDHARY	2017-2018
50	1513213106	SRISHTI KATHURIA	2017-2018
51	1513213108	SURABHI TRIPATHI	2017-2018
52	1513213109	SURAJ MAURYA	2017-2018
53	1513213111	TANUJ SHARMA	2017-2018
54	1513213112	UTKARSH VARSHNEY	2017-2018
55	1513213113	VARTIKA MISHRA	2017-2018
56	1513213114	VASU DAGRAS	2017-2018
57	1513213115	VIKAS SINGH	2017-2018
58	1613213901	MONIKA	2017-2018
59	1613213903	SANDEEP KUMAR JHA	2017-2018
60	1613213904	SONU ALAM	2017-2018
61	1513213001	ABHINAV KUMAR	2017-2018
62	1513213003	ABHISHEK KUMAR	2017-2018

63	1513213006	ABHISHEK KUMAR SHARMA	2017-2018
64	1513213012	AKASH CHAUBEY	2017-2018
65	1513213018	ANKUR SINGH	2017-2018
66	1513213019	ANMOL MEHRA	2017-2018
67	1513213024	AVINASH KUMAR SINGH	2017-2018
68	1513213025	AYUSHI PATHAK	2017-2018
69	1513213027	BIRENDRA KUMAR RANA	2017-2018
70	1513213028	CHIRANJEEWEE SINGH	2017-2018
71	1513213031	DHRUV GUPTA	2017-2018
72	1513213036	ENSRAMUL HAQ KHAN	2017-2018
73	1513213038	GAURAV SINGH	2017-2018
74	1513213039	HIMANSHU MISHRA	2017-2018
75	1513213042	JITIN GUPTA	2017-2018
76	1513213043	JYOT PRAKASH MISHRA	2017-2018
77	1513213045	KUMAR ABHIJEET	2017-2018
78	1513213049	KUSHAGRA SAURAV	2017-2018
79	1513213051	MAHIMA VERMA	2017-2018
80	1513213053	MD KHWAJA ZAID	2017-2018

81	1513213058	MUKUL SHARMA	2017-2018
82	1513213059	MUSKAN VERMA	2017-2018
83	1513213063	NITU GUPTA	2017-2018
84	1513213065	POOJAK GUPTA	2017-2018
85	1513213070	PRIYA SHARMA	2017-2018
86	1513213073	RAHUL KUMAR SHARMA	2017-2018
87	1513213074	RAHUL MAURYA	2017-2018
88	1513213076	RAJAT SINGHAL	2017-2018
89	1513213077	RAJSHRI BHATTACHARYA	2017-2018

Date: 07/07/2017

Electronics and Communication Engineering (Code-ECE)
Circular

This is to inform all students that GATE classes are being conducted by the **Electronics and Communication Engineering (Code-ECE)** according to the standard syllabus of GATE as per time table on working Saturday (Syllabus under current semester and previous semesters) **Electronics and Communication Engineering (Code-ECE)** students are hereby informed that In-House GATE coaching will start from 13/07/2017. Kindly register your name to the departmental coordinator Mr. Shiv Narain Gupta.

GATE scores are being used by several Indian public sector undertakings for recruiting graduate engineers entry-level positions. It is one of the most important competitive examinations in India.

Note: Time Table is displayed on the notice board.

Dr. Shelly Garg
HoD, ECE Department

Electronics and Communication Engineering (Code-ECE)

GATE Classes (Module)

Section -1	**Engineering Mathematics (MATH)**	**15 Hours**
Section -2	**Networks, Signals, and Systems (NAS)**	**13 Hours**
Section -3	**Electronics Devices (ED)**	**13 Hours**
Section -4	**Analog Circuits (AC)**	**13 Hours**
Section -5	**Digital Circuits (DC)**	**13 Hours**
Section -6	**Control Systems (CS)**	**13 Hours**
Section -7	**Communication (COMM)**	**13 Hours**
Section -8	**Electromagnetics (EM)**	**13 Hours**
Section -9	**General Aptitude (GA)**	**15 Hours**
Total		**121 hours**

Section 1: Engineering Mathematics

Linear Algebra: Vector space, basis, linear dependence and independence, matrix algebra, eigen values and eigen vectors, rank, solution of linear equations – existence and uniqueness. Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series. Differential Equations: First order equations (linear and nonlinear), higher order linear differential equations, Cauchy's and Euler's equations, methods of solution using variation of parameters, complementary function and particular integral, partial differential equations, variable separable method, initial and boundary value problems. Vector Analysis: Vectors in plane and space, vector operations, gradient, divergence and curl, Gauss's, Green's and Stoke's theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula; Taylor's and Laurent's series, residue theorem. Numerical Methods: Solution of nonlinear equations, single and multi-step methods for differential equations, convergence criteria. Probability and Statistics: Mean, median, mode and standard deviation; combinatorial probability, probability distribution functions – binomial, Poisson, exponential and normal; Joint and conditional probability; Correlation and regression analysis.

Section 2: Networks, Signals and Systems

Network solution methods: nodal and mesh analysis; Network theorems: superposition, Thevenin and Norton's, maximum power transfer; Wye□Delta transformation; Steady state sinusoidal analysis using phasors; Time domain analysis of simple linear circuits: Solution of network equations using Laplace transform; Frequency domain analysis of RLC circuits; Linear 2□port network parameters: driving point and transfer functions; State equations for networks. Continuous-time signals: Fourier series and Fourier transform representations, sampling theorem and applications; Discrete-time signals: discrete-time Fourier transform (DTFT), DFT, FFT, Z-transform, interpolation of discrete-time signals; LTI systems: definition and properties, causality, stability, impulse response, convolution, poles and zeros, parallel and cascade structure, frequency response, group delay, phase delay, digital filter design techniques.

Section 3: Electronic Devices

Energy bands in intrinsic and extrinsic silicon; Carrier transport: diffusion current, drift current, mobility and resistivity; Generation and recombination of carriers; Poisson and continuity equations; P-N junction, Zener diode, BJT, MOS capacitor, MOSFET, LED, photo diode and solar cell; Integrated circuit fabrication process: oxidation, diffusion, ion implantation, photolithography and twin-tub CMOS process.

Section 4: Analog Circuits

Small signal equivalent circuits of diodes, BJTs and MOSFETs; Simple diode circuits: clipping, clamping and rectifiers; Single-stage BJT and MOSFET amplifiers: biasing, bias stability, mid-frequency small signal analysis and frequency response; BJT and MOSFET amplifiers: multi-stage, differential, feedback, power and operational; Simple op-amp circuits; Active filters; Sinusoidal oscillators: criterion for oscillation, single-transistor and opamp configurations; Function generators, wave-shaping circuits and 555 timers; Voltage reference circuits; Power supplies: ripple removal and regulation.

Section 5: Digital Circuits

Number systems; Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders and PLAs; Sequential circuits: latches and flip□flops, counters, shift□registers and finite state machines; Data converters: sample and hold circuits, ADCs and DACs; Semiconductor memories: ROM, SRAM, DRAM; 8-bit microprocessor (8085): architecture, programming, memory and I/O interfacing.

Section 6: Control Systems

Basic control system components; Feedback principle; Transfer function; Block diagram representation; Signal flow graph; Transient and steady-state analysis of LTI systems; Frequency response; Routh-Hurwitz and Nyquist stability criteria; Bode and root-locus plots; Lag, lead and lag-lead compensation; State variable model and solution of state equation of LTI systems.

Section 7: Communications

Random processes: autocorrelation and power spectral density, properties of white noise, filtering of random signals through LTI systems; Analog communications: amplitude modulation and demodulation, angle modulation and demodulation, spectra of AM and FM, superheterodyne receivers, circuits for analog communications; Information theory: entropy, mutual information and channel capacity theorem; Digital communications: PCM, DPCM, digital modulation schemes, amplitude, phase and frequency shift keying (ASK, PSK, FSK), QAM, MAP and ML decoding, matched filter receiver, calculation of bandwidth, SNR and BER for digital modulation; Fundamentals of error correction, Hamming codes; Timing and frequency synchronization, inter-symbol interference and its mitigation; Basics of TDMA, FDMA and CDMA.

Section 8: Electromagnetics

Electrostatics; Maxwell's equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector; Plane waves and properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth; Transmission lines: equations, characteristic impedance, impedance matching, impedance transformation, S-parameters, Smith chart; Waveguides: modes, boundary conditions, cut-off frequencies, dispersion relations; Antennas: antenna types, radiation pattern, gain and directivity, return loss, antenna arrays; Basics of radar; Light propagation in optical fibers.

Section 2: Networks, Signals and Systems

Network solution methods: nodal and mesh analysis; Network theorems: superposition, Thevenin and Norton's, maximum power transfer; Wye-Delta transformation; Steady state sinusoidal analysis using phasors; Time domain analysis of simple linear circuits; Solution of network equations using Laplace transform; Frequency domain analysis of RLC circuits; Linear 2-port network parameters: driving point and transfer functions; State equations for networks. Continuous-time signals: Fourier series and Fourier transform representations, sampling theorem and applications; Discrete-time signals: discrete-time Fourier transform (DTFT), DFT, FFT, Z-transform, interpolation of discrete-timesignals;LTIsystems:definitionandproperties,causality,stability,impulse response, convolution, poles and zeros, parallel and cascade structure, frequency response, group delay, phase delay, digital filter designtechniques.

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Energy bands in intrinsic and extrinsic silicon; Carrier transport: diffusion current, drift current, mobility and resistivity; Generation and recombination of carriers; Poisson and continuity equations; P-N junction, Zener diode, BJT, MOS capacitor, MOSFET, LED, photo diode and solar cell; Integrated circuit fabrication process: oxidation, diffusion, ion implantation, photolithography and twin-tub CMOS process.

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Small signal equivalent circuits of diodes, BJTs and MOSFETs; Simple diode circuits: clipping, clamping and rectifiers; Single-stage BJT and MOSFET amplifiers: biasing, bias stability, mid-frequency small signal analysis and frequency response; BJT and MOSFET amplifiers: multi-stage, differential, feedback, power and operational; Simple op-amp circuits; Active filters; Sinusoidal oscillators: criterion for oscillation, single-transistor and opamp configurations; Function generators, wave-shaping circuits and 555 timers; Voltage reference circuits; Power supplies: ripple removal andregulation.

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Basic control system components; Feedback principle; Transfer function; Block diagram representation; Signal flow graph; Transient and steady-state analysis of LTI systems; Frequency response; Routh-Hurwitz and Nyquist stability criteria; Bode and root-locus plots; Lag, lead and lag-lead compensation; State variable model and solution of state equation of LTI systems.

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Section 8: Electromagnetics

Electrostatics; Maxwell's equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector; Plane waves and properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth; Transmission lines: equations, characteristic impedance, impedance matching, impedance transformation, S-parameters, Smith chart; Waveguides: modes, boundary conditions, cut-off frequencies, dispersion relations; Antennas: antenna types, radiation pattern, gain and directivity, return loss, antenna arrays; Basics of radar; Light propagation in optical fibers.

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

Electronics and Communication Engineering (Code-ECE)

Session (2017-18)

GATE CLASSES- Time Table

Room No: **w.e.f: 13/07/2017**

S.No.	DATE/TIME	9:15-10:55	10:55-12:35	12:35-1:35	1:35-3:15	3:15-4:55
1	14 July 2017	NAS	ED		DC	MATH
2	21 July2017	AC	DC		CS	APT
3	28 July 2017	NAS	CS		AC	MATH
4	4 Aug 2017	CS	ED		COMM	APT
5	11 Aug 2017	NAS	COMM		AC	MATH
6	18 Aug 2017	DC	COMM		CS	APT
7	1 Sep 2017	NAS	ED		CS	MATH
8	8 Sep 2017	DC	NAS		AC	APT
9	15 Sep 2017	CS	ED	**BREAK**	NAS	MATH
10	6 Oct 2017	NAS	DC		COMM	APT
11	13 Oct 2017	CS	NAS		AC	MATH
12	27 Oct 2017	DC	ED		COMM	APT
13	3 Nov 2017	NAS	CS		AC	MATH
14	10 Nov 2017	CS	ED		DC	APT
15	17 Nov 2017	NAS	ED		DC	MATH
16	27 Nov 2017	ED	AC		COMM	APT
17	1 Dec 2017	COMM	DC		AC	MATH
18	15 Dec 2017	PREVIOUS PAPER DISCUSSION			NAS	APT
19	22 Dec 2017	PREVIOUS PAPER DISCUSSION			ED	MATH

Subject allotted to faculty members

Sr. No	Subjects	Faculty
1	Engineering Mathematics (MATH)	**Dr. Nitash Kaushik**
2	Networks, Signals, and Systems (NAS)	**Dr. Shelly Garg**
3	Electronics Devices (ED)	**Mr. Shiv Narain Gupta**
4	Analog Circuits (AC)	**Ms. Ankita Aggarwal**
5	Digital Circuits (DC)	**Dr. Pooja Saxena**
6	Control Systems (CS)	**Mr. Vivek Gupta**
7	Communication (COMM)	**Dr. Anil Dubey**
8	Electromagnetic (EM)	**Mr. Abhishek Kaushik**
9	General Aptitude (APT)	**Mr. Deepanshu**

Director

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

List of students (Batch 2018-19)

Student List (EC-3 Year)

S.No.	I.D. No.	UPTU Roll No	Student Name
1	130461	1313231126	RAJA RAJESH
2	140450	1413231001	AALIYA MISBAH
3	140470	1413231011	ADITYA NARAYAN SRIVASTAVA
4	140476	1413231020	ANKUR ARUN SINGH
5	214193	1413231040	GYAN PRAKASH
6	214153	1413231060	NADEEM ALI
7	140499	1413231061	NAVEEN SINGH
8	214159	1413231069	NITISH KUMAR
9	140493	1413231079	PRASHANT KUMAR
10	214199	1413231095	REWA SHANKAR YADAV
11	214144	1413231110	SANDEEP KUMAR
12	214166	1413231119	SAURAV NITI
13	140462	1413231139	SUMIT MAHALWAR
14	140504	1413231146	UTPAL KUMAR
15	140501	1413231158	VIVEK KUMAR
16	214175	1413231159	VIVEK KUMAR SINGH
17	150579	1513200132	MOKSHITA BANSAL
18	150508	1513231003	AASTHA PATHAK
19	150162	1513231004	ABHAYANAND
20	151125	1513231005	ABHIJEET JAISWAL
21	150611	1513231006	ABHINAV KUMAR
22	150317	1513231008	ABHISHEK KUMAR
23	150320	1513231009	ABHISHEK KUMAR
24	150925	1513231011	ABHISHEK PRATAP SINGH
25	150753	1513231012	ABHISHEK SINGH
26	150849	1513231015	AISHA ALAM
27	151053	1513231016	AJEET KUMAR SHUKLA
28	150908	1513231018	AKASH AGRAWAL
29	151015	1513231019	AKASH KUMAR GUPTA
30	150854	1513231020	AKSHAY CHOUDHARY
31	150582	1513231023	AKSHIKA GUPTA
32	151230	1513231024	AMAN RAJ
33	150214	1513231026	AMBER RAJ
34	150297	1513231028	ANAND KUMAR
35	150757	1513231029	ANAND RAI
36	151284	1513231031	ANIKET KUMAR
37	150723	1513231032	ANIKET YADAV
38	150344	1513231033	ANISH KUMAR SINGH
39	150985	1513231035	ANKIT KUMAR ARYA
40	150288	1513231037	ANKIT KUMAR SINGH
41	150678	1513231038	ANMOL SRIVASTAVA
42	150185	1513231039	ANSHU RAJ

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Greater Noida

43	150662	1513231040	ANUBHAV ANURAGI
44	151184	1513231041	ANUJ BANSAL
45	150327	1513231042	ANUJ KUMAR
46	150855	1513231043	ANUPAM VERMA
47	150832	1513231045	ANUSHRUTI SINGH
48	150129	1513231046	ARBAZ AHMAD
49	150361	1513231047	ARUN KUMAR
50	151024	1513231048	ASHISH KUMAR AVINASH
51	150228	1513231049	ASHISH SAXENA
52	150632	1513231051	AVINASH VISHWAKARMA
53	150269	1513231052	AYUSHI SRIVASTAVA
54	150478	1513231053	CHANDAN JHA
55	150540	1513231054	CHANDAN KUMAR
56	150566	1513231057	DEEPAK KUMAR
57	150918	1513231058	DEEPAK KUMAR TIWARI
58	150948	1513231059	DEEPSHREE
59	150987	1513231061	DEV NATH YADAV
60	150203	1513231064	DHEERAJ SHUKLA
61	150533	1513231065	DHIRENDRA KUMAR
62	150819	1513231067	EKTA
63	150551	1513231068	ESHITA JAISWAL
64	150634	1513231071	GAURAV KUMAR
65	150663	1513231072	HARSH VARDHAN
66	150272	1513231073	HASAN IMAM
67	150435	1513231074	HIMANSHU GUPTA
68	150549	1513231075	HIMANSHU NAUTIYAL
69	151048	1513231076	IQARAR AHEMAD
70	150992	1513231077	IRSHITA
71	150373	1513231078	JITENDER KUMAR
72	150917	1513231079	KAJAL
73	150099	1513231081	KAUSAR PARWEEN
74	150550	1513231082	KAUSHAL SINGH
75	150482	1513231083	KM ARCHANA SONKER
76	150616	1513231085	KOMAL BHARTI
77	150273	1513231086	KULDEEP SINGH
78	151028	1513231087	KUMAR KISHLAY
79	151239	1513231088	KUMARI PALAK
80	150699	1513231089	KUNAL PRIYADARSHI
81	150230	1513231092	MANIKANT KUMAR
82	150325	1513231093	MANIKARNIKA RANI
83	150824	1513231094	MANISH KUMAR PANDEY
84	150736	1513231095	MANISH RANJAN
85	150607	1513231096	MANORMA PAL
86	150365	1513231098	MD ASIF RASHID
87	150535	1513231102	MOHAMMAD SHARIQ
88	151056	1513231103	MOHD SAJID KHAN

89	150337	1513231107	NAVDEEP SRIVASTAV
90	150565	1513231108	NAVNEET KUMAR SINGH
91	150409	1513231110	NEERAJ DIXIT
92	150673	1513231111	NIGAM KUMAR
93	150371	1513231112	NISHA SINGH
94	151318	1513231113	NITESH KUMAR CHAURASIYA
95	150831	1513231115	OMVIR SINGH
96	150313	1513231116	PANKAJ KUMAR
97	150598	1513231117	PARAS KUMAR VERMA
98	150055	1513231118	PAWAN GOYAL
99	150210	1513231120	PRAGYA SINGH
100	150512	1513231121	PRAJWAL TYAGI
101	151191	1513231122	PRASHANT CHAUBEY
102	151183	1513231123	PRASHANT SINGH MAHARA
103	150521	1513231124	PRATIK KUMAR
104	150321	1513231125	PRATIK MISHRA
105	150287	1513231127	PRATYUSH GAUTAM
106	150399	1513231128	PRAVEEN KUMAR CHAUBEY
107	150581	1513231131	RAHAT ALI KHAN
108	150578	1513231132	RAHUL ROY
109	150292	1513231134	RAHUL KUMAR
110	150112	1513231135	RAHUL KUMAR SHARMA
111	151110	1513231136	RAHUL RAJ PATHAK
112	150993	1513231137	RAJ KUMAR NISHAD
113	150657	1513231138	RAJAT PRAKASH RAI
114	150603	1513231141	RAJKUMAR PRASAD
115	150158	1513231142	RAJNISH KUMAR
116	150022	1513231143	RAKESH KUMAR
117	150641	1513231145	RAVI RANJAN SINGH
118	151113	1513231146	RAVI RANJAN SINGH
119	150363	1513231147	RAVISHANKAR SINGH
120	150668	1513231148	RISHAV KUMAR
121	150396	1513231149	RISHIKESH PANDEY
122	150828	1513231150	RISHU
123	150537	1513231151	RITESH KUMAR SWARNKAR
124	150553	1513231152	ROHIT
125	150454	1513231153	ROHIT MISHRA
126	151061	1513231154	RONIT SHARMA
127	150314	1513231155	SAFDAR MAHFOOZ
128	150558	1513231157	SALONI GUJRE
129	150729	1513231158	SASHESH MADAN
130	150225	1513231159	SAUMYA KUMARI JHA
131	150340	1513231160	SHAHBAZ AFGHAN KHAN
132	150216	1513231161	SHAILENDRA PATEL
133	150504	1513231163	SHIKHA TIWARI
134	150303	1513231164	SHIVAM

135	150774	1513231165	SHIVAM GOPAL
136	151077	1513231166	SHOMYA
137	150784	1513231168	SHRUTI RAI
138	151148	1513231169	SHUAB
139	150294	1513231172	SHUBHAM VISHNOI
140	150541	1513231174	SIDDHANT SARASWAT
141	150479	1513231175	SIDDHARTH PANDEY
142	151211	1513231176	SIDHARTH SHARMA
143	150781	1513231177	SONAL SHARMA
144	150300	1513231178	SONU KUMAR
145	150096	1513231180	SRIDHI CHATURVEDI
146	150593	1513231181	SRIJA
147	150149	1513231182	SUDHAKAR RANJAN
148	150470	1513231183	SUMAN KUMAR SINGH
149	150400	1513231184	SUMIT CHAUHAN
150	150419	1513231185	SURAJ SINGH
151	150844	1513231186	SURYAKANT BISHT
152	150597	1513231187	TANU SINGH KASHYAP
153	150807	1513231188	TARUN SRIVASTAV
154	151234	1513231189	TUSHA SINGH
155	150617	1513231191	UJJWAL AKASH
156	150547	1513231192	VARTIKA SRIVASTAVA
157	150183	1513231193	VEDANT KUMAR SINGH
158	151199	1513231195	VIKRAM SOLANKI
159	150841	1513231197	VISHAL DUBEY
160	150057	1513231199	VISHAL SINGH
161	150545	1513231200	VISHWAJIT KUMAR TIWARI
162	150358	1513231202	YASH KUMAR
163	150461	1513231203	YASHVARDHAN SHUKLA
164	151220	1513231903	RAVINDER

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

List of Students (Batch-2017-18)

Student List (EC-4th)

S.No.	I.D. No.	UPTU Roll No	Student Name
1	130460	1313231124	RAHUL KUMAR
2	130472	1313231129	RAJ KUMAR
3	140439	1413231018	ANKIT SINGH RAWAT
4	140491	1413231038	DIVYANSH MISHRA
5	140461	1413231047	JYOTI AGRAWAL
6	140515	1413231053	KUSHAGRA KUMAR
7	140482	1413231054	MALVIKA PRASAD
8	140616	1413231056	MANISHA BHARTI
9	140503	1413231059	MUKESH JASWAL
10	140430	1413231062	NAVIN BHATI
11	140517	1413231065	NEHA BHARTI
12	140518	1413231070	PALAK KUMARI
13	140440	1413231071	PANKAJ RAWAT
14	140505	1413231075	PRAFULLA CHANDRA
15	140527	1413231076	PRAGATI MISHRA
16	140480	1413231077	PRANIT KUMAR
17	140489	1413231078	PRANJAL KHARE
18	140488	1413231080	PRINCE RAJ
19	140485	1413231081	RABICHANDRA YADAV
20	140418	1413231082	RAHUL RAWAT
21	140421	1413231083	RAHUL SINGH
22	140436	1413231084	RAHUL SINGH
23	140522	1413231085	RAHUL TYAGI
24	140459	1413231086	RAJA JAIN
25	140477	1413231091	RANJEET YADAV
26	140464	1413231092	RASHMI SINGH
27	140454	1413231093	RAVI KUMAR
28	140414	1413231096	RISHABH JADON
29	140417	1413231098	RISHI RANJAN
30	140435	1413231099	RITESH KUMAR
31	140425	1413231100	RITESH KUMAR SINHA
32	140474	1413231101	ROHIT JAISWAL
33	140443	1413231102	ROHIT KUMAR
34	140452	1413231103	ROHIT TIWARI
35	140466	1413231104	ROHIT TIWARI
36	140456	1413231106	RUDRA PRATAP SINGH
37	140444	1413231109	SANDEEP KUMAR
38	140447	1413231111	SANJANI KUMARI
39	140433	1413231113	SATYAJEET ANAND
40	140420	1413231114	SATYAM KUMAR
41	140428	1413231115	SATYAM KUMAR
42	140511	1413231116	SATYAM SHIVAM

43	140432	1413231120	SAVITA
44	140516	1413231121	SHAGUFTA KHAN
45	140534	1413231122	SHAMYANK
46	140510	1413231125	SHIVAM JHA
47	140463	1413231126	SHIVANGI MISHRA
48	140524	1413231129	SHUBHAM NIGAM
49	140497	1413231131	SHUBHAM SINGH
50	140457	1413231133	SIDDHARTH RAI
51	140490	1413231134	SMRITI SINGH
52	140492	1413231135	SONALI NIRANJAN
53	140519	1413231136	SUBHAM KUMAR
54	140500	1413231138	SUMIT KUMAR TAGALA
55	140427	1413231140	SWETANK MISHRA
56	140487	1413231142	UPENDRA SINGH YADAV
57	140416	1413231147	VAIBHAV RAJ
58	140473	1413231148	VARTIKA TRIPATHI
59	140419	1413231149	VATSAL KAUL
60	140458	1413231150	VIKAL KUMAR
61	140429	1413231151	VIKAS ANAND
62	141064	1413240149	PULKIT SRIVASTAVA
63	130452	1313231036	ASHUTOSH KUMAR
64	140528	1413231002	AAQIB AHMAD WANI
65	140521	1413231003	AAQUIB KHAN
66	140757	1413231004	AARTI CHAUDHARY
67	140438	1413231006	ABHISHEK PARASHAR
68	140453	1413231008	ABHISHEK VERMA
69	140468	1413231014	AKSHAY PRATAP
70	140467	1413231015	ALOK SINGH
71	140455	1413231016	AMEYA SINGH
72	140481	1413231019	ANKITA SHRIVASTAVA
73	140465	1413231021	ANNU SINGH
74	140475	1413231026	ASHISH KUMAR SINGH
75	140486	1413231027	ASHUTOSH CHANDRADHARI
76	140479	1413231029	AVNISH SAXENA
77	140415	1413231030	AYUSH SRIVASTAVA
78	140478	1413231032	BHAVNA SINGH
79	140460	1413231034	DEEPIKA VYAS
80	140509	1413231035	DHARMENDRA KUMAR
81	140426	1413231037	DHIRAJ PRAKASH TIWARI
82	140483	1413231039	GARIMA SINGH
83	140441	1413231041	HARSH KUMAR
84	140506	1413231048	KAPIL SHARMA
85	140469	1413231050	KM KIRAN YADAV
86	140502	1413231051	KULDEEP KUMAR
87	140446	1413231055	MAMTA NAG
88	140484	1413231074	PRABHAT SINGH

89	151236	1513231901	JAIVIR SHARMA
90	213201	1313231843	SANJEET KUMAR
91	214146	1413231007	ABHISHEK SINGH
92	214171	1413231009	ADARSH KUMAR
93	214183	1413231010	ADITYA CHAUHAN
94	214200	1413231013	AKARSHIT PRATAP SINGH
95	214161	1413231022	ANURAG KUMAR
96	214194	1413231031	BHARAT KUMAR JAISWAL
97	214189	1413231033	DEEPIKA TIWARI
98	214192	1413231036	DHARMENDRA KUMAR GUPTA
99	214145	1413231043	HARSH VERMA
100	214187	1413231044	HIMALAYA BHARDWAJ
101	214157	1413231045	HRITURAJ KUMAR
102	214168	1413231057	MD HARUN RASID
103	214164	1413231063	NAVNEET KUMAR
104	214177	1413231064	NAVNEET SHARMA
105	214180	1413231066	NIRBHAY RAGHAV
106	214178	1413231067	NISHANT KUMAR
107	214148	1413231073	PIYUSH KUMAR SINGH
108	214163	1413231089	RAJNEESH KUMAR
109	214176	1413231094	RAVINDRA KUMAR
110	214160	1413231105	ROUSHAN RAJ
111	214184	1413231107	SAGAR SINGH
112	214191	1413231112	SANTOSH BHAGAT
113	214151	1413231117	SATYENDRA KUMAR JHA
114	214188	1413231118	SAURABH CHATTERJEE
115	214154	1413231123	SHANTANU SHANKAR
116	214182	1413231124	SHIKHA SINGH
117	214158	1413231130	SHUBHAM SHUKLA
118	214185	1413231132	SHWETA SINGH
119	214152	1413231137	SUJEET KUMAR
120	214173	1413231141	UPENDRA SINGH KARMIYAL
121	214196	1413231143	UTKARSH KUMAR
122	214169	1413231153	VIKRANT KUMAR
123	214195	1413231155	VIPASHA RANA
124	214197	1413231156	VIPIN KUMAR GUPTA
125	214181	1413231157	VIR VIKRAM BHADUR SINGH

ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

Date: 05/07/2017

Electrical Engineering Department

Circular

This is to inform all students that GATE classes are being conducted by the Electrical Engineering Department according to the standard syllabus of GATE as per time table on working Saturday (Syllabus under current semester and previous semesters) Electrical Engineering students are hereby informed that in-House GATE coaching will start from 15/07/2017. Kindly register your name to the departmental coordinator Mr. Nikhil Gupta.

GATE scores are being used by several Indian public sector undertakings for recruiting graduate engineers entry-level positions and for doing M.Tech and Ph.D. in IITs/NITs. It is one of the most important competitive examinations in India.

Note: Time-table is displayed on notice board.

Dr. Sunil Chaudhary
HOD
E.E DEPTT.

Electrical Engineering Department

GATE Classes (Module)

Section -1	Engineering Mathematics(EM)	15 Hours
Section -2	Electric circuits(EC)	13 Hours
Section -3	Electromagnetic Fields(EMFT)	13 Hours
Section -4	Electrical Machines(EM)	13 Hours
Section -5	Power Systems(PS)	13 Hours
Section -6	Control Systems(CS)	13 Hours
Section -7	Analog and Digital Electronics(ADE)	13 Hours
Section -8	Power Electronics (PE)	13 Hours
Section -9	General Aptitude (GA)	15 Hours
Total		121 Hours

Section 1: Engineering Mathematics

Linear Algebra: Matrix Algebra, Systems of linear equations, Eigenvalues, Eigenvectors.

Calculus: Mean value theorems, Theorems of integral calculus, Evaluation of definite and improper integrals, Partial Derivatives, Maxima and minima, Multiple integrals, Fourier series, Vector identities, Directional derivatives, Line integral, Surface integral, Volume integral, Stokes's theorem, Gauss's theorem, Divergence theorem, Green's theorem.

Differential equations: First order equations (linear and nonlinear), Higher order linear differential equations with constant coefficients, Method of variation of parameters, Cauchy's equation, Euler's equation, Initial and boundary value problems, Partial Differential Equations, Method of separation of variables.

Complex variables: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, Taylor series, Laurent series, Residue theorem, Solution integrals.

Probability and Statistics: Sampling theorems, Conditional probability, Mean, Median, Mode, Standard Deviation, Random variables, Discrete and Continuous distributions, Poisson distribution, Normal distribution, Binomial distribution, Correlation analysis, Regression analysis.

Section 2: Electric circuits

Network elements: ideal voltage and current sources, dependent sources, R, L, C, M elements; Network solution methods: KCL, KVL, Node and Mesh analysis; Network Theorems: Thevenin's, Norton's, Superposition and Maximum Power Transfer theorem; Transient response of dc and ac networks, sinusoidal steady-state analysis, resonance, two port networks, balanced three phase circuits, star-delta transformation, complex power and power factor in ac circuits

Section 3: Electromagnetic Fields

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot- Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force, Inductance, Magneto motive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations

Section 4: Electrical Machines

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three-phase transformers: connections, vector groups, parallel operation; Auto-transformer, Electromechanical energy conversion principles; DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, speed control of dc motors; Three-phase induction machines: principle of operation, types, performance, torque -speed characteristics, no -load and blocked-rotor tests, equivalent circuit, starting and speed control; Operating principle of single-phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance and characteristics, regulation and parallel operation of generators, starting of synchronous motors; Types of losses and efficiency calculations of electric machines

Section 5: Power Systems

Basic concepts of electrical power generation, ac and dc transmission concepts, Models and performance of transmission lines and cables, Economic Load Dispatch (with and without considering transmission losses), Series and shunt compensation, Electric field distribution and insulators, Distribution systems, Per-unit quantities, Bus admittance matrix, Gauss- Seidel and Newton - Raphson load flow methods, Voltage and

Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of over-current, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

Section 6: Control Systems

Mathematical modeling and representation of systems, Feedback principle, transfer function, Block diagrams and Signal flow graphs, Transient and Steady-state analysis of linear time invariant systems, Stability analysis using Routh-Hurwitz and Nyquist criteria, Bode plots, Root loci, Lag, Lead and Lead-Lag compensators; P, PI and PID controllers; State space model, Solution of state equations of LTI systems

Section 7: Analog and Digital Electronics

Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: biasing, equivalent circuit and frequency response; oscillators and feedback amplifiers; operational amplifiers: characteristics and applications; single stage active filters, Active Filters: Sallen Key, Butterwoth, VCOs and timers, combinatorial and sequential logic circuits, multiplexers, demultiplexers, Schmitt triggers, sample and hold circuits, A/D and D/A converters

Section 8: Power Electronics

Static V-I characteristics and firing/gating circuits for Thyristor, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost Converters; Single and three-phase configuration of uncontrolled rectifiers; Voltage and Current commutated Thyristor based converters; Bidirectional ac to dc voltage source converters; Magnitude and Phase of line current harmonics for uncontrolled and thyristor based converters; Power factor and Distortion Factor of ac to dc converters; Single-phase and three-phase voltage and current source inverters, sinusoidal pulse width modulation

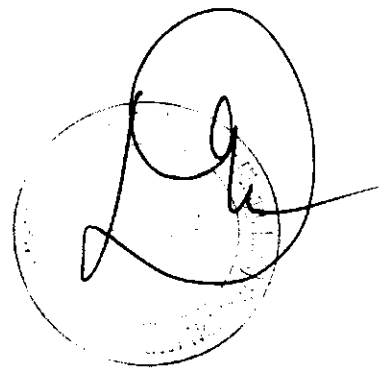
ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

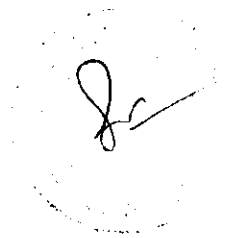
ELECTRICAL ENGINEERING (Code-EE)
Session (2017-18)
Time Table for GATE-2018
w.e.f: 15/07/2017

15 JULY 2017	EM	EC		EMFT	PE
22 JULY 2017	EMA	PS		CS	ADE
29 JULY 2017	GA	EM		EC	EMFT
05 AUG 2017	PE	EMA		PS	CS
12 AUG 2017	ADE	GA		EM	EC
19 AUG 2017	EMFT	PE		EMA	PS
26 AUG 2017	CS	ADE		GA	EM
02 SEP 2017	EC	EMFT		PE	EMA
09 SEP 2017	PS	CS		ADE	GA
16 SEP 2017	EM	EC		EMFT	PE
23 SEP 2017	EMA	PS	**BREAK**	CS	ADE
30 SEP 2017	GA	EM		EC	EMFT
07 OCT 2017	PE	EMA		PS	CS
14 OCT 2017	ADE	GA		EM	EC
21 OCT 2017	EM	EC		EMFT	PE
28 OCT 2017	EMA	PS		CS	ADE
11 NOV 2017	GA	EM		EC	EMFT
18 NOV 2017	PREVIOUS PAPER DISCUSSION			PE	EMA
09 DEC 2017	PREVIOUS PAPER DISCUSSION			PS	CS
16 DEC 2017	PREVIOUS PAPER DISCUSSION			ADE	PE

Subjects allotted to Faculty members

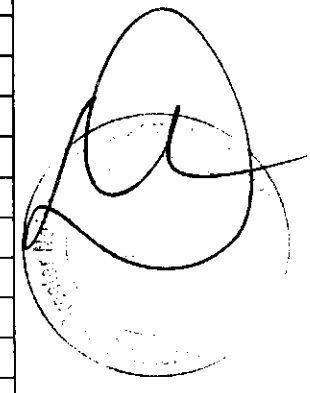
S. No.	Subjects	Faculty
1	Engineering mathematics (EM)	Mr. Sandeep Goyat
2	Electric circuits (EC)	Mr. Ankit Gupta
3	Electromagnetic Fields (EF)	Mr. Sushil Singh
4	Electrical Machines (EMC)	Mr. Nikhil Gupta
5	Power Systems (PS)	Mr. Aneep Malik
6	Control Systems (CS)	Mr. Rajesh Dhaka
7	Analog and Digital Electronics (ADE)	Ms. Renuka Gandhi
8	Power Electronics (PE)	Ms. Indu Bhushan
9	General Aptitude(GA)	Mr. Bhuvnesh Khokhar





Student List

S.No.	Enrollment No	Student Name	Batch
1	1413220001	ABHINAV KUMAR	2017-18
2	1413220002	ABHISHEK KUMAR GUPTA	2017-18
3	1413220003	ADITYA KUMAR MALL	2017-18
4	1313220013	AMARENDRA MADHUR	2017-18
5	1413220004	AMBIKA NISHAD	2017-18
6	1413220005	ANAND KUMAR	2017-18
7	1413220006	ANKIT PANDEY	2017-18
8	1413220007	ANKUR	2017-18
9	1413220009	ANURAG RAI	2017-18
10	1413220010	ANWAR KARIM	2017-18
11	1313220025	ARINJAY BALYAN	2017-18
12	1413220013	ARPIT GOEL	2017-18
13	1413220017	ASHUTOSH KUMAR	2017-18
14	1413220018	ASHUTOSH KUMAR MISHRA	2017-18
15	1513220901	CHANDRA PRATAP SINGH	2017-18
16	1413220025	DEVA TIWARI	2017-18
17	1413220026	DISHA JANGPANGI	2017-18
18	1413220027	EKANSH KUMAR	2017-18
19	1413220037	JYOTI CHAUDHARY	2017-18
20	1413220038	KAUSTUBH RASTOGI	2017-18
21	1513220902	KESHAV	2017-18
22	1513220903	KM RAGINEE	2017-18
23	1513220908	KM SHIKHA CHAUDHARY	2017-18
24	1413220040	LOVE LIKHDHARI	2017-18
25	1413220042	MANISH KUMARing	2017-18
26	1413220046	MANU BHATI	2017-18
27	1413220047	MD. MASOOD ALAM	2017-18
28	1413220051	MIRZA ASIF BEG	2017-18
29	1413220053	MOHD. SHAHRUKH	2017-18
30	1413220055	MOHIT RAJDAN	2017-18
31	1413220057	PANKAJ KUMAR	2017-18
32	1513220905	PANKAJ PAL	2017-18
33	1413220058	PRADEEP KUMAR YADAV	2017-18
34	1413220059	PRADEEP VERMA	2017-18
35	1413220060	PRASHANT KR SINGH	2017-18
36	1413220063	RAHUL GUPTA	2017-18
37	1413220066	RAJ KUMAR	2017-18
38	1413220067	RAJESH KUMAR	2017-18
39	1413220065	RAJKUMAR	2017-18
40	1413220068	RAKESH KUMAR	2017-18



41	1413220069	RAMPRAKASH YADAV	2017-18
42	1213220078	RAMSAGAR GUPTA	2017-18
43	1413220070	RAUNAK SHARMA	2017-18
44	1413220079	SATISH KUMAR CHOUBEY	2017-18
45	1413220081	SHAFAQUE KHANAM	2017-18
46	1513220907	SHASHIN KUMAR	2017-18
47	1413220083	SHIVANAND PRAJAPATI	2017-18
48	1413220084	SHIVANI NEGI	2017-18
49	1413220085	SHIWANI KUMARI	2017-18
50	1513220909	SHUBHAM KUMAR	2017-18
51	1413220092	TANWEER AHMED	2017-18
52	1413220095	VIPIN KUMAR KUSHWAHA	2017-18
53	1413220096	VIVEK KUMAR	2017-18
54	1413220097	VIVEK SHAHI	2017-18

S.No.	Enrollment No	Student Name	Batch
1	1513220002	ABHISHEK GAUTAM	2018-19
2	1513220004	ADARSH KUMAR YADAV	2018-19
3	1513220005	ADITYA KUMAR	2018-19
4	1513220008	AJEET KUMAR	2018-19
5	1513220009	AKASH KUMAR VERMA	2018-19
6	1513220010	AKSHAY KUMAR	2018-19
7	1513220011	ALOK KUMAR	2018-19
8	1513220014	AMIT KUMAR	2018-19
9	1513220015	AMIT KUMAR	2018-19
10	1513220017	ARCHIT PRAKASH	2018-19
11	1513220018	ARVIND KUMAR AGRAHARI	2018-19
12	1513220019	ASHISH KUMAR	2018-19
13	1513220021	BASANT KUMAR SINGH	2018-19
14	1513220022	BASHARAT HUSSAIN	2018-19
15	1513220024	CHETAN SINGH	2018-19
16	1513220025	DEEPAK KUMAR MAURYA	2018-19
17	1513220026	DEEPAK SHARMA	2018-19
18	1513220028	DIGVIJAY THAKUR	2018-19
19	1513220029	FAHAD KHAN	2018-19
20	1413220034	JAUHAR ALI	2018-19
21	1513220031	JITENDRA KUMAR RAI	2018-19
22	1513220032	KAUSHAR ALI	2018-19
23	1513220038	MD HASNAIN REZA	2018-19
24	1413220050	MD WAQUAR BAKHSHI	2018-19
25	1513220041	MONIKA	2018-19

26	1513220044	NOOR ALAM ANSARI	2018-19
27	1513220047	RATNESH KUMAR SINGH	2018-19
28	1513220048	RAUNAK KUMAR	2018-19
29	1513220050	SACHIN KUMAR	2018-19
30	1513220052	SANYUKTA KUMARI	2018-19
31	1413220088	SUMAN CHAUDHARY	2018-19