

# CE NEWSLETTER

## DEPARTMENT OF CIVIL ENGINEERING



**GLBAJAJ**

Institute of Technology & Management

**FIND YOUR SPARK**

**JAN 2020**

-

**JUNE 2020**

## ABOUT THE DEPARTMENT

The department of Civil Engineering came into existence in the year 2011. Being the youngest department of institute, it has grown tremendously over the years and is now recognized as one of the major engineering department in terms of quality education with an inclination towards innovation that's why the NBA has given us 3 years accreditation on March, 2020. The department has produced Civil Engineering professionals with sound technical knowledge, desire for higher studies, research and above all, sense of serving the society.

The Department has developed strong links with professional institutions, construction industries and academicians of premier institutes in the country. Besides adopting high quality teaching learning process at Under Graduate level, the department is also involved in consultancy services and exploring innovative projects catering to the need of the hour.

## VISION

To become a department, that produces technically competent and innovation oriented Civil Engineering Professionals having social cognizance.

## MISSION

**M1:** Orienting lectures and practical sessions to develop complete understanding of analysis, design, and constructional aspects of Civil Engineering works.

**M2:** Creating an educational environment in which the students could imbibe confidence to handle successfully major projects and bottlenecks in course of civil construction works.

**M3:** Providing platform for dissemination of innovative ideas, knowledge and experience of civil engineering professionals through seminar and field training.

**M4:** Generating awareness & ability among the students to plan and implement a self-sustaining project without causing any threat to safety, health & environment.

## INSIDE THE ELITE

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- ❖ GLBITians Shift from Offline mode to Online mode
- ❖ Webinar on “Challenges & Solutions for Civil Engineers due to Covid-19”
- ❖ IIRS-ISRO Outreach Programme
- ❖ IEI Students Chapter
- ❖ Civil Engineering Club
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- ❖ Student Achievement
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- ❖ Department Toppers
- ❖ Faculty Achievements

## PATRONS

DR. RAM KISHORE AGARWAL (CHAIRMAN)

MR. PANKAJ AGARWAL (VICE-CHAIRMAN)

DR. RAJEEV AGARWAL (DIRECTOR)

DR. PRASHANT MUKHERJEE (HOD CE)

## EDITOR

MS PRABHUJEET KAUR  
(ASSISTANT PROFESSOR)

## NBA ACCREDITATION



After the sincere hard work of our respective faculty with HOD the department has got NBA accreditation on March 2020.

Getting NBA ACCREDITATION DEGREE MEANS:

- Recruitment preference by MNCs.
- Makes you eligible by government scholarships.
- Preference for admission by foreign universities.
- Constant quality improvement initiatives by the institute.



Recently Achieved NBA ACCREDITATION  
in three Branches

**CSE, CIVIL & ME**

VALID UPTO 30-06-2023



## GLBITians Shift from Offline mode to Online mode

During this COVID-19 period every one of our Institutes were additionally shut right from Lockdown 1.0. The prompt test was to proceed with the scholarly exercises along with the co-curricular exercises and doesn't stop the wheel of time and no understudy to endure a record of Lockdowns which are getting expanded normally. In the entirety of our GLBITM grounds directly from the very first moment of the Lockdown we have begun and are carrying on the accompanying exercises to keep up progression and manageability.

### 1. Classes:

All our faculties have taken online classes on ZOOM, Google Team and different stages and participation of understudies have been acceptable. The schedule of all subjects in the current semester was finished, questions cleared and earlier year question papers examined, in time.

### 2. Subject Assignments:

All the understudies were given Questions, Case Studies on the web and students have presented their answers and reactions through email and the equivalent have been assessed by the resources.

### 3. Internal Assessment:

The important tests are being led on google structures and different gateways with the goal that the assessment cycle is continued. The appropriate responses endeavoured by the students are submitted on the web and are being checked by the faculties.

### 4. Visitor Lectures:

The visitor addresses are being masterminded through Industry specialists in the regions of Management, Leadership, IT, Media,

Entertainment, Finance and understudies are routinely going to every single such talk.

**5. Tutoring sessions:**

As part of our Mentor-Mentee program the workforce coaches are directing on the web meetings with their dispensed Mentees examining their issues, giving direction and connecting for their prosperity.



**6. Webinars:**

All the employees and understudies are going to different online courses on an assortment of themes being orchestrated by different Organizations like ICT Academy, AICTE, JNU, UNGC and some more.

**7. Meetings of Department Faculties:**

In request to talk about the advancement of different scholarly and other improvement exercises, online gatherings on CISCO webex and other platform are being held consistently among the Chairman, Directors and faculties.



## Webinar on Challenges & Solutions for Civil Engineers due to Covid-19

One day webinar was organised by Civil Engineering Department on 7<sup>th</sup> June, 2020.

The topic of FDP was Webinar on “Challenges & Solutions for Civil Engineers due to Covid-19”. Faculty and students from Civil Engineering department of GLBITM and from different institutions had participated in the program. Various interesting lectures and practical session were performed by the speakers, which were interactive and memorable. Various speakers were invited to share their experience among the faculties as mentioned here.

Dr. Aditya Rajput (IIT Roper)

Dr. Rituraj Nath (Assam Downtown University)

Dr. Ambrish Saurikha (Scientist, CRRI, New Delhi)

Dr. D.Chandrashekhar (IIT Hyderabad)

### Webinar on Challenges & Solutions for Civil Engineers due to Covid-19

Organized by

Department of Civil Engineering

G.L. Bajaj Institute of Technology & Management

Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India

Date: 07 June 2020

**ABOUT THE DEPARTMENT:** The department of Civil Engineering came into existence in the year 2011. Being the youngest department of institute, it has grown tremendously over the years and is now recognized as one of the major engineering department in terms of quality education with an inclination towards innovation. The department has produced Civil Engineering professionals with sound technical knowledge, desire for higher studies, research and with above all, sense of serving the society. The Department has developed strong links with professional institutions, construction industries and academicians of premier institutes in the country. Besides adopting high quality teaching learning process at Under Graduate level, the department is also involved in consultancy services and exploring innovative projects catering to the need of the hour.

**VISION:** To become a department, that produces technically competent and innovation oriented Civil Engineering Professionals having social cognizance.

**MISSION:**

1. Orienting lectures and practical sessions to develop complete understanding of analysis, design and constructional aspects of civil engineering works.
2. Creating an educational environment in which the students could imbibe confidence to handle successfully major projects and bottlenecks in course of civil construction works.
3. Providing platform for dissemination of innovative ideas, knowledge and experience of civil engineering professionals through seminar and field training.
4. Generating awareness & ability among the students to plan and implement a self-sustaining project without causing any threat to safety, health & environment.

**ABOUT THE EVENT:** The COVID-19 pandemic looks set to change the way many of us work for good, but for civil engineering, it also affords the opportunity to fully embrace implementing digital software into working practices and to optimize remote working where possible. Further development of digital technologies could help the sector deal with future pandemics and global catastrophes. Some Technology company has developed digital map for interacting with and remotely facilitating construction activity. The objective is to reduce the amount of time people spend on site but more difficult for large construction site workers and network maintenance operators.

The use of software such as Skype and Microsoft Teams allows staff to be more flexible. Hard copies of documents and drawings could be replaced by the use of digital copies, BIM (Building Information Modelling) and VR. Not only are these methods more environmentally friendly, they are more effective and well-rounded for presentations, discussions and solution of issues.

In some projects, skilled-workers could be substituted by robotic mechanisms such as welding with robotic arms. It could increase productivity and accuracy but some might express concern as robots currently lack the power of a person's mind to make instant changes or decisions.

The some company has taken steps to further the use of digital technologies i.e. use of 360 cameras to digitally capture site conditions. This effectively creates a street view tour of your construction site. All that is required is an operative to carry out the survey then all stakeholders will have access to a site tour -without needing to leave the office.

# IIRS-ISRO Outreach Programme

G. L. Bajaj institute of Technology and Management, Department of Civil Engineering, comes under the network institute of Indian Institute of Remote Sensing (IIRS) Outreach network which was conducted by ISRO, Dehradun.

Several Numbers of students took actively participated in the Online Courses which was conducted by this institute. Various interesting lectures and practical sessions were performed by the speakers, which were interactive and knowledgeable as these courses are helpful for student's project work as well as developing a visionary future.

Department Coordinator: Mr. Saurav Yadav (Assistant Professor)





## IEI STUDENTS CHAPTER

The Institution of Engineers established the Students' Chapter at the Department of Civil Engineering G.L. Bajaj Institute of Technology and Management. This Chapter has conducting the various courses recognized by the Institution with the concurrence of the managing authorities of our college and notify the establishment to the State Centre within the geographical boundaries of which such Chapter will be located. The IEI Students' Chapter Certificate is attached below.





## CIVIL ENGINEERING CLUB (CEC)

Civil Engineering Club (CEC) is a departmental body run by the Students with the help of various activities organized by them.

Faculty Coordinator(s) is assigned to monitor the club activities. The following designations are assigned by the Head of Department and Faculty Coordinator(s) to the students.

- President
- Vice President
- Secretary
- Joint Secretary
- Treasurer
- Design Head
- Marketing Head
- Photography Head
- Sport Head
- Theatre Head Technical Head

## FACULTY INTERACTION WITH OUTSIDE WORLD

S.No.	Name	Name of Conference/workshop/Webinar/FDP	Duration( in Days)
1	<b>Dr. Prashant Mukherjee</b>	Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
2	<b>Dr. Rajesh Sharma</b>	Webinar on "Use of Blended Cement : A Holistic Approach in Civil Engineering"	1 Day
		FDP on "Enhancing Teaching Competency"	5 Days
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		Webinar on "Computational Trends and Applications in Civil. Engineering"	3 Days
3	<b>Dr. Sachin Tiwari</b>	Webinar on Leveraging Technology in Education	1 Day
		Short Term Course: Basic Conventional Bridges	6 Days
		Short Term Course: Midas Civil Advanced Features	5 Days
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		"Mechanical Properties and Durability Study of Jute Fibre and Reinforced Concrete" Research Paper presented	6 Days
4	<b>Mr. Devesh Tyagi</b>	Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		FDP on "Cyber Security in COVID-19 Pandemic and Post Pandemic.	2 Days
5	<b>Mr. Nikhil Kumar</b>	Webinar on Challenges & Solutions for Civil Engineers due to Covid-19.	1 Day
		FDP on "Cyber Security in COVID-19 Pandemic and Post Pandemic.	2 Days
		Role of Material Science in Protection of Environment Against Corona Infection.	1 Day
6	<b>Mr. Saurav Yadav</b>	Short Course: Basic Conventional Bridges	6 Days
		FDP on Enhancing Teaching Competency	5 Days
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		Participated in online IIC sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell	25 Days
7	<b>Mr. Rahul Kumar</b>	Webinar on Implementation of Integrated Management System ISO 9001, ISO 14001, ISO 45001 and ISO 50001	1 day
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		Cyber Security in COVID-19 Pandemic and Post Pandemic	2 day
8	<b>Ms. Preeti Gangwar</b>	FDP on "Outcome based education and accreditation"	1 week
		FDP on "Advance acceptable technology used in civil engineering"	1 week
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		Participated in online IIC sessions conducted by Institution's innovation council (IIC) of MHRD's Innovation Cell	5 sessions attended
9	<b>Mr. Mukesh Kumar</b>	Short Term Course: Basic Conventional Bridges	6 Days
		Short Term Course: Midas Civil Advanced Features	5 Days
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day

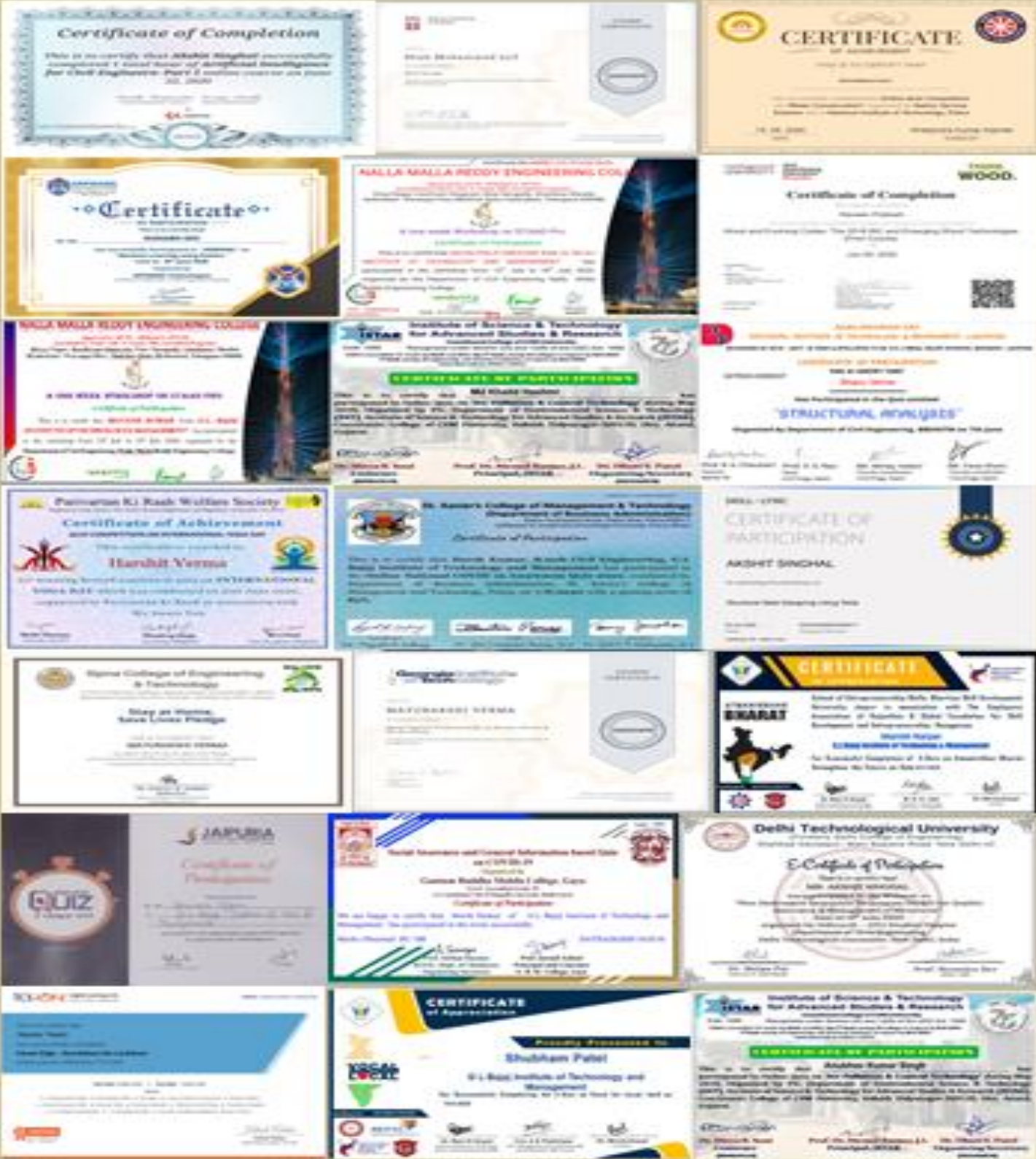
10	<b>Mr. Ankit Soni</b>	Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		Webinar on "Tottenham Hotspur Stadium" by institute of Structural engineers.	1 Day
		Short term course on "Analysis & Design of Liquid Retaining Structures"	5 days
		Short Term Course: Basic Conventional Bridges	6 Days
		Short Term Course: Midas Civil Advanced Features	5 Days
11	<b>Ms. Deepti Dohare</b>	Webinar on "Importance of skill education and entrepreneurship: BSDU Model"	1 Day
		FDP on "Advanced acceptable technology used in Civil Engineering"	1 week
		FDP on "Juggling in the midst of the new normal"	5 days
		Webinar on "Mix design of self-compacted concrete-latest approach"	1 Day
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		FDP on "Outcome Based Education and Accreditation organized"	5 days
		Workshop on "How to improve acceptance rate and publish quicker"	1 Day
		Webinar on "Sustainability in Civil Engineering-need of 21st century"	1 Day
		International Conference on "Novel Corona and Novel Challenges: Life ahead with COVID-19"	1 Day
12	<b>Ms. Prabhujeet Kaur</b>	Webinar on "Supplemental Damping and Energy Dissipation Devices" organized by IIT DELHI in collaboration with Indian Society of Earthquake Technology	1 Day
		E-Conference on "Resilience & Re-Invention Sustainability and Growth in Turbulent Times" organized by Sandip University	2 Days
		FDP on "Juggling in the midst of the new normal"	5 days
		Webinar on "Challenges and solutions for civil engineering due to COVID-19"	1 Day
		Webinar on "Distress in Building Post Construction" organized by Rajkiya Engineering College, Mainpuri & Pasci Infra Consultant (P) Ltd	1 Day
		Webinar on "Use of Blended Cement: A Holistic Approach to Civil Engineering" organized by Department of Civil Engineering, G.G.S. Government Polytechnic, Chika in Collaboration with JK Cement Limited	1 Day
		FDP on "Research Methodology: Tools and Techniques" organized by IILMCET	5 Days
		FDP on "Outcome Based Education and Accreditation organized" by IILMCET	5 Days



## STUDENT ACHIEVEMENT

S.No.	Name	Roll No.	Achievement/Certification	Duration
1	Aayush Pandey	1819200003	COVID 19	1 Day
2	Aayush Pandey	1819200003	Significance of machine learning	1 Day
3	Abhishek Prajapati	1719200002	A one week workshop on STAAD Pro	6 Days
4	Aftab Mehdi	1719200009	Training of Atma Nirbhar Bharat	1 Day
5	Aftab Mehdi	1719200009	A one week workshop on STAAD Pro	6 Days
6	Akshit Singhal	1719200011	Structural Steel Designing Using Tekla	1 Day
7	Aftab Mehdi	1719200009	Geospatial Inputs for Enabling Master Plan Formulation	1 week
8	Aftab Mehdi	1719200009	Introduction to C	1 month
9	Akshit Singhal	1719200011	Virtual Internships	1 Day
10	Akshit Singhal	1719200011	Non Destructive Evaluation Techniques	1 Day
11	Akshit Singhal	1719200011	Structural & Foundation Analysis	1 Day
12	Akshit Singhal	1719200011	A one week workshop on STAAD Pro	6 Days
13	Aman Kumar	1819200009	Non Destructive Evaluation Techniques	1 Day
14	Aman Kumar	1819200009	Technical Significance Of Civil Drafting	1 Day
15	Aman Kumar	1819200009	“Concept Of Flexible Pavement Design”	1 Day
16	Anubhav Kumar Singh	1719200016	Air pollution and Control Technology	1 Day
17	Ashar Iqbal	1719200020	“Concept Of Flexible Pavement Design”	1 Day
18	Ashutosh Nigam	1719200022	Quiz League	1 Day
19	Ashutosh Nigam	1719200022	CONCRETA 2019	2 Days
20	Ashutosh Nigam	1719200022	Vocal For Vocal	1 Day
21	Ashutosh Nigam	1719200022	Training of Atmanirbhar bharat	1 Day
22	Balendu Pratap Singh	1719200025	Concept of Flexible Pavement Design	1 Day
23	Bhanu Verma	1719200026	Structural analysis	1 Day
24	Bhanu Verma	1719200026	“Concept Of Flexible Pavement Design”	1 Day
25	Faheem Ahmad	190192000002	Autocad(from Udemy)	21 days
26	Gaurav Tiwari	1901920000025	Covid 19 awareness quiz	
27	Gaurav Tiwari	1901920000025	Career edge- knockdown the lockdown	8 Days
28	Harsh Kumar	1901920000026	Career edge- knockdown the lockdown	6 Days
29	Harsh Kumar	1901920000026	Covid 19 awareness quiz	1 Day
30	Harsh Kumar	1901920000026	Covid 19 awareness quiz	1 Day
31	Harsh Kumar	1901920000026	Student excellence & learning programme	6 Days
32	Harshit Verma	1619200038	Quiz competition on international yoga day	1 Day
33	Harshit Tripathi	1819200034	Course in Interior Designing( from unschool)	2 Months
34	Harshit Verma	1619200038	Technical training program bhagvan- a search	2 Days
35	Manish Ranjan	1519200056	Training of Atmanirbhar bharat	1 Day
36	Mayank Kumar	1819200043	A one week workshop on STAAD Pro	6 Days
37	Mayank Kumar	1819200043	Training of Atmanirbhar bharat	1 Day
38	Mohammad Raza	1819200047	Covid 19 Awareness Quiz	2 Days

39	Mohammad Raza	1819200047	Entrepreneurship Pledge	1 Day
40	Mohammad Raza	1819200047	Poshan Abhiyaan	1 Day
41	Mohammad Raza	1819200047	Covid 19 Awareness Quiz	1 Day
42	Mohammad Raza	1819200047	Environmental Cleaning And Disinfection	1 Day
43	Mohammad Raza	1819200047	Child Protection Results	1 Day
44	Mohammad Raza	1819200047	Water Conservation	1 Day
45	Mohammad Raza	1819200047	Start-up India Learning Program	1 Day
46	Mohd Shaban Azad	1719200048	Internship (from Shree Balaji Engicons Pvt. Ltd.)	1 Month
47	Mohd Shaban Azad	1719200048	AutoCAD 2D, AutoCAD 3D, with Draftsman	6 Months
48	Mohd Afzal Parvez	1519200067	Structural Analysis	1 Day
49	Naveen Prakash	1719200051	Resurgence Of Indian Industry R&D	1 Day
50	Naveen Prakash	1719200051	The 2018 IBC and Emerging Wood Technologies	1 Day
51	Naveen Prakash	1719200051	Vocal for vocal	1 Day
52	Naveen Prakash	1719200051	Pile Design and Construction Practice for Metro Project	1 Day
53	Naveen Prakash	1719200051	To Guide Students to Select Meaningful Engineering Projects	1 Day
54	Naveen Prakash	1719200051	Concept of Flexible Pavement Design	1 Day
55	Naveen Prakash	1719200051	Additive Manufacturing and upcoming advances in this domain	1 Day
56	Naveen Prakash	1719200051	Integrated systems and innovation in Defence	1 Day
57	Naveen Prakash	1719200051	Low frequency NVH fundamentals and industrial applications	1 Day
58	Naveen Prakash	1719200051	Engineering for the complex world	1 Day
59	Naveen Prakash	1719200051	Communication Skill	4 Days
60	Naveen Prakash	1719200051	TCS ioN Corona Warriors	5 Days
61	Naveen Prakash	1719200051	“Concrete Concepts”	1 Day
62	Naveen Prakash	1719200051	Midas Research & Development Centre	5 Days
63	Navin Philip Abrahma	1719200052	A one week workshop on STAAD Pro	5 Days
64	Om Singh	1819200050	Structural Analysis	1 Day
65	Prakhar Bajpai	1719200057	A one week workshop on STAAD Pro	5 Days
66	Rishabh Dev	1819200060	Machine learning using python	1 Day
67	Rishabh Dev	1819200060	Intern Shala Training	2 Month
68	Rishikesh Jha	1719200063	Non-Destructive Evaluation Techniques	1 Day
69	Rishikesh Jha	1719200063	Concept Of Flexible Pavement Design	1 Day
70	Rishikesh Jha	1719200063	A one week workshop on STAAD Pro	6 Days
71	Rishikesh Jha	1719200063	Biodiversity and Conservation	1 Day
72	Sandeep Kushwaha	1719200069	Training of Atma Nirbhar Bharat	1 Day
73	Shah Mohammed	1819200066	Structural analysis	1 Day
74	Shah Mohammed	1819200066	Wind energy	1 Day
75	Shubham Patel	1719200083	Training of Atma Nirbhar Bharat	1 Day
76	Shubham Patel	1719200083	Vocal for vocal	1 Day
77	Shubham Patel	1719200083	Structural analysis	1 Day
78	Shubham Patel	1719200083	Non-destructive evaluation techniques	1 Day
79	Uaez Khan	1901920000057	Python world	1 Day
80	Uaez Khan	1901920000057	Advanced excel	1 Day
81	Vivek Pokhriyal	1719200092	A one week workshop on STAAD Pro	1 Week





## PLACEMENT HIGHLIGHTS (2016-2020 Batch)

**Abhishek  
Rawat**  
(1619200008)

**Youngman India**

**Arun Kumar  
Singh**  
(1619200024)

**Vansh Constructions**

**Ayush  
Tejbahadur  
S.**

**Atkins Global**

**Kunal  
Kumar**  
(1619200044)

**India Shelter**

**Chaman Rai**  
(1619200032)

**Transport  
Corporation of India**

**Malik Mohd  
Rashid**  
(1619200047)

**Aryama Soft Services  
Pvt Ltd**

**Kshitij  
Mishra**  
(1619200043)

**Trabs International**

**Rohit Kumar**  
(1619200075)

**DTDC Express  
Limited**

**Rajat  
Srivastava**  
(1619200066)

**Accenture (ICI)**

**Aman  
Pandey(1619  
200018)**

**Desfab Engineers**

**Kevin S  
Verghese**  
(1619200040)

**Texmaco Rail &  
Engineering Ltd.**

**Swati Priya**  
(1619200096)

**Longli Technology**

**Akshansh  
Grover(16192  
00016)**

**Cloud Analogy**

**Mohd Ali**  
(1619200054)

**Tulip Infra**

**Yugank  
Sharma**  
(1619200105)

**Accenture**

**Shiva Talan**  
(1619200086)

**Ramacivil India  
Construction Pvt Ltd**

## DEPARTMENT TOPPERS

**ARUN KUMAR SINGH (88.4%)**  
**Fourth Year (2016-2020 Batch)**  
**Roll No. 1619200024**



**ANUBHAV KUMAR SINGH (87.7%)**  
**Third year (2017-2021 Batch)**  
**Roll No. 1719200016**



**RAJNEESH (82.1%)**  
**Second Year (2018-2022 Batch)**  
**Roll No. 1819200059**





## FACULTY ACHIEVEMENTS

S.NO.	NAME OF FACULTY	ACHIEVEMENTS
1	<b>DR. SACHIN TIWARI</b>	Awarded PhD Degree in the month of February 2020
2	<b>DR GAURAV GOEL</b>	Awarded PhD Degree in the month of February 2020
3	<b>DR. SACHIN TIWARI</b>	300 Number of FDP or Webinar or Conferences attended
4	<b>MR ANKIT SONI</b>	65 Number of FDP or Webinar or Conferences attended
5	<b>MR. SAURAV YADAV</b>	35 Number of FDP or Webinar or Conferences attended