



## CIVIL ENGINEERING DEPARTMENT

# E-NEWSLETTER

## “CIVILIAN-SIGHT”

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### Message:

H.O.D, CIVIL ENGINEERING



Dear Friends,

Civil Engineering Department is imparting technical education since 1957 and progressively achieving its vision and mission. Modern methods of teaching and learning are adopted and more practical based activities are given importance to the students so that more job opportunities could be generated for the students.

### Editorial Team:

Prof. Archana Tiwari  
Dr Jayvant Choudhary  
Dr Hemant Shrivastava

### **Students Involved:**

Ashmit Tripathi (B.Tech)  
Chitranshi Shrivastava (B.Tech)

## VISION

To develop civil engineers of global standards with leadership skills to serve society.

## MISSION

1. To foster academic development by offering state-of-the-art technical education at U.G. and P.G. levels through advanced teaching learning methodologies and facilities.
2. To impart skills to the students for keeping pace with the advances in techniques and technologies.
3. To promote research activities in various fields of civil engineering and inter disciplinary areas.
4. To provide solutions in various domains of civil engineering for societal development.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1 The graduate of the program will have successful career in various domains of civil engineering.

PEO2 The graduate of the program will be able to practice civil engineering in infrastructure industries, public sector undertakings and as an entrepreneur.

PEO3 The graduate of the program will be able to pursue higher education for knowledge enhancement.

PEO4 The graduate of the program will be able to exhibit leadership skills, team spirit and ethical practices.

## ➔ Faculty Publications

- **Prof. Aditya Kumar Agrawal** published a research article titled “**Statistical Evaluation of Indoor Air Quality in the Laboratories of Engineering Institute**” in Proceedings of International Conference on Communication and Computational Technologies, Algorithms for Intelligent Systems, DOI: [https://doi.org/10.1007/978-981-19-3951-8\\_31](https://doi.org/10.1007/978-981-19-3951-8_31)
- **Dr. Hemant Shrivastava** published a research article titled “**Stochastic Simulation of Uttarkashi (1990) and Chamoli (1999) Earthquakes using Specific Barrier Model and Future Earthquakes in Delhi Region**” in ISET Journal of Earthquake Technology, 58(3), Scopus Indexed.

## ➔ Projects Undergoing

- **Dr. M.K. Trivedi** is working as Principal Investigator for project titled “**Source apportionment of the fine particulate matter in ambient air**” under Institute Research Scheme.
- **Dr. Prachi Singh** is working as Principal Investigator for project titled “**Determination and assessment of heavy metal concentration in road dust.**” under Institute Research Scheme.
- **Dr. Abhilash Shukla** is working as Principal Investigator for project titled “**Performance enhancement of mortar containing recycled fine aggregate.**” under Institute Research Scheme.
- **Dr. Jayvant Choudhary** is working as Principal Investigator for project titled “**Sustainable utilization of agriculture and Industrial wastes for the construction of mechanically superior and cost effective flexible pavements**” under Institute Research Scheme.
- **Dr. Abhilash Shukla** is working as Co-Principal Investigator for project titled “**Development of design parameter and acceptance criteria for use of UHPC of compressive strength between 150 and 200 MPa.**” under Border Road Organization agency.

## ➔ NPTEL/ATAL/COURSERA/Internshala Courses Attended by Faculty

- **Dr. Hemant Shrivastava** successfully completed NPTEL-AICTE 4 week course on “**Reinforced Concrete Road Bridge**” during July-September 2022.
- **Dr. Hemant Shrivastava** successfully completed NPTEL-AICTE 4 week course on “**Geotechnical Engineering Laboratory**” during July-September 2022.

## ➔ Activity Organized

- **Dr Chayan Gupta** has organized an institute level Commemorative Day event on “**Teacher’s Day**” on September 5, 2022

## ➔ Expert Talk Delivered

- **Dr S.K. Jain** delivered an expert lecture on “**Sustainable Earthquake Resistant Design by Base Isolation - Concept & Applications**” on 04<sup>th</sup> October 2022 at Amity University, Madhya Pradesh.

## ➔ Students Achievement

- **Aastha Verma B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Aastha Verma B.Tech 2<sup>nd</sup> Year** participated in the weekly quiz series “**CODE-DE-CODE**” by Asimov Robotics club, MITS on 24<sup>th</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> Year** participated in “**Jigyasa a two-day Inter College Quiz Competition**” with his team ‘FRIDAY’ organized by the Science club, MITS on 1<sup>st</sup> & 2<sup>nd</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> year** participated in “**Talaash**” an institute-level treasure Hunt Competition, organized by Electronics Club, MITS on 24<sup>th</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> year** participated in the “**Gwalior Digital Museum Visit Program**” at Gwalior Digital Museum by Gurukul Dream Foundation on 24<sup>th</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> Year** participated in “**WIT-SEIZE**” organized by ISTE STUDENTS CHAPTER, MITS on 7<sup>th</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> Year** participated in the “**Handmade/Digital Poster Making**” by Journalism Society, MITS on 8<sup>th</sup> September 2022.
- **Adarsh Singh B.Tech 2<sup>nd</sup> Year** participated in weekly quiz series “**CODE-DE-CODE**” by Asimov Robotics club, MITS on 24<sup>th</sup> September 2022.
- **Dhruv Sharma B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Dhruv Sharma B.Tech 2<sup>nd</sup> Year** successfully attended the seminar on “**(भारत में विज्ञान की गोखसाली परंपरा प्राचीन काल से आधुनिक काल तक)**” organized by the Innovation Cell and the Mechanical Engineering Department, MITS on 25<sup>th</sup> April 2022.
- **Ganga Rai B.Tech 2<sup>nd</sup> Year** participated in “**Jigyasa a two-day Inter College Quiz Competition**” with his team ‘PRATIGYA’ organized by the Science club, MITS on 1<sup>st</sup> & 2<sup>nd</sup> September 2022.
- **Ganga Rai B.Tech 2<sup>nd</sup> Year** participated in the “**Self Defence workshop For Girls**” organized by the Indian Society For Technical Education, MITS on 20<sup>th</sup> & 24<sup>th</sup> September 2022.
- **Ganga Rai B.Tech 2<sup>nd</sup> Year** participated in “**WIT-SEIZE**” organized by ISTE STUDENTS CHAPTER, MITS on 7<sup>th</sup> September 2022.
- **Ganga Rai B.Tech 2<sup>nd</sup> Year** participated in an “**Engineer’s Day Quiz**” by the ASIMOV ROBOTICS CLUB, MITS on 15<sup>th</sup> September 2022.



- **Ganga Rai B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Ganga Rai B.Tech 2<sup>nd</sup> Year** participated in the weekly quiz series “**CODE-DE-CODE**” by Asimov Robotics club, MITS on 24<sup>th</sup> September 2022.
- **Harshul Pratap Singh Bhadoria B.Tech 2<sup>nd</sup> year** completed seven days of boot camp on “**Front and Web Development Essentials**” by devtown on August 2022.
- **Harshul Pratap Singh Bhadoria B.Tech 2<sup>nd</sup> Year** participated & successfully attended “**MySQL WORKSHOP**” organized by Electronics Club on 6 August 2022.
- **Harshul Pratap Singh Bhadoria B.Tech 2<sup>nd</sup> Year** participated in “**WIT-SEIZE**” organized by ISTE STUDENTS CHAPTER, MITS on 7<sup>th</sup> September 2022.
- **Harshul Pratap Singh Bhadoria B.Tech 2<sup>nd</sup> Year** successfully attended the webinar on “**The HACK-N-SLASH**” by HackersVilla Cybersecurity Pvt. Ltd in July 2022.
- **Krapank Dixit B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Krapank Dixit B.Tech 2<sup>nd</sup> Year** participated in the “**WORLD NUTRITION WEEK**” webinar organized by MITS, Gwalior on 3<sup>rd</sup> September 2022.
- **Kushagra Shakya B.Tech 2<sup>nd</sup> Year** participated in an “**Engineer’s Day Quiz**” by the ASIMOV ROBOTICS CLUB, MITS on 15<sup>th</sup> September 2022.
- **Kushagra Shakya B.Tech 2<sup>nd</sup> Year** participated in one day workshop on “**The introduction to Drone technology**” organized by ROCKET CLUB, MITS on 23<sup>rd</sup> of April 2022.
- **Kushagra Shakya B.Tech 2<sup>nd</sup> Year** successfully participated in the IP Awareness program under the “**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**” organized by Intellectual Property Office, India on 6<sup>th</sup> April 2022.
- **Muskan Jayant B.Tech 2<sup>nd</sup> Year** participated in an “**Engineer’s Day Quiz**” by the ASIMOV ROBOTICS CLUB, MITS on 15<sup>th</sup> September 2022.
- **Muskan Jayant B.Tech 2<sup>nd</sup> Year** participated in the “**WORLD NUTRITION WEEK**” webinar organized by MITS, Gwalior on 3<sup>rd</sup> September 2022.
- **Muskan Jayant B.Tech 2<sup>nd</sup>Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Nikhil Kushwaha B.Tech 2<sup>nd</sup> Year** participated in “**Jigyasa a two-day Inter College Quiz Competition**” with his team ‘CORE FOUR’ organized by the Science club, MITS on 1<sup>st</sup> & 2<sup>nd</sup> September 2022.
- **Rahul Singh Rajput B.Tech 2<sup>nd</sup> Year** participated in an “**Engineer’s Day Quiz**” by the ASIMOV ROBOTICS CLUB, MITS on 15<sup>th</sup> September 2022.

- **Seema Machar B.Tech 2<sup>nd</sup> Year** participated in “**Jigyasa a two-day Inter College Quiz Competition**” with his team ‘PRATIGYA’ organized by the Science club, MITS on 1<sup>st</sup> & 2<sup>nd</sup> September 2022.
- **Seema Machar B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Seema Machar B.Tech 2<sup>nd</sup> Year** participated in the “**Self Defence workshop For Girls**” organized by the ISTE, MITS on 20<sup>th</sup> & 24<sup>th</sup> September 2022.
- **Seema Machar B.Tech 2<sup>nd</sup> Year** participated in the “**WORLD NUTRITION WEEK**” webinar organized by MITS, Gwalior on 3<sup>rd</sup> September 2022.
- **Sudeep Dwivedi B.Tech 2<sup>nd</sup> Year** participated in “**WIT-SEIZE**” organized by ISTE STUDENTS CHAPTER, MITS on 7<sup>th</sup> September 2022.
- **Sudeep Dwivedi B.Tech 2<sup>nd</sup> Year** participated in an “**Online quiz on Prakritik Gyaan**” by the Disaster Management Awareness club, MITS on 11<sup>th</sup> September 2022.
- **Manish Rajput B.Tech 3<sup>rd</sup> Year** participated in the event “**STARTUPNEST**” organized by a Digital Learning Group in association with Gurukul Dream Foundation on 27<sup>th</sup> August 2022
- **Nitesh Rajoriya B.Tech 3<sup>rd</sup> Year** successfully attended and completed “**The Army Attachment Camp (AAC)**” in Babina from 22 august to 3 September 2020 conducted by 511 AD MSL REGT (SP) (COMP).
- **Rajnish Kumar B.Tech 3<sup>rd</sup> Year** successfully attended and completed “**The Army Attachment Camp (AAC)**” in Babina from 22 august to 3 September 2020 conducted by 511 AD MSL REGT (SP) (COMP).
- **Rishika Kumrawat B.Tech 3<sup>rd</sup> Year** completed the course “**Geotechnical Engineering Laboratory**” an online certification course by NPTEL.
- **Shiv Kumar B.Tech 3<sup>rd</sup> Year** successfully attended and completed “**The Army Attachment Camp (AAC)**” in Babina from 22 august to 3 September 2020 conducted by 511 AD MSL REGT (SP) (COMP).
- **Shubha Kirti Verma B.Tech 3<sup>rd</sup> Year** participated in “**The Slogan Writing Event**” on the occasion of the INTERNATIONAL DAY OF PEACE on the 21<sup>st</sup> of September 2022.

## ➔ Miscellaneous

- **Dr. R Kansal** as DSW monitor all club activities in the institute.