E-NEWSLETTER

"CIVILIAN-SIGHT"

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 Prachi Singh

Students Involved:
Archit 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 Gautam Bhadoria,** Development of discrete opposition-based NSGA-III model for optimizing trade-off between discrete time, cost, and resource in construction projects"(DOIhttps://doi.org/10.1007/s42107-024-01069-x). (SCOPUS)
- **Aditya Kumar Agarwal, Kamal Sharma,** Fuzzy-AHP methodology for ranking of hospitals based on waste management practices: A study of Gwalior City, Environmental Quality Management, Online Published April 2024, https://doi.org/10.1002/tqem.2222. (ESCI)
- **Aditya Kumar Agarwal, Shyamveer Singh Chauhan, Kamal Sharma, Krushna Chandra Sethi,** Development of time–cost trade-off optimization model for construction projects with MOPSO technique, Asian Journal of Civil Engineering, Online Published May 2024, https://link.springer.com/article/10.1007/s42107-024-01063-3. (SCOPUS)
- **Aditya Kumar Agarwal, Aditya Singh Tomar, Jay Singh Rajput, Manoj Kumar Trivedi** (2024), "Data analysis of indoor air pollutants in the laboratories of an Indian engineering institute", JAPH. 2024;9(2):, https://japh.tums.ac.ir/index.php/japh/article/view/581. (SCOPUS)
- **Prachi Singh**., Mahor, V., & Singh, R. M. (2024). A Novel Approach to Pollution Source Identification in Groundwater Using Hybrid Ensemble of Wavelet Neural Network (WNN) and ARIMA. Environmental Forensics, 1–13. https://doi.org/10.1080/15275922.2024.2330027 (SCIE)

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.

Students Achievement

- Archit Shrivastava (0901CE231020) B. Tech first year successfully contributed outstanding initiatives and achievements and has successfully completed the Programming and Data Structures & Algorithms (DSA) Course of 12 weeks duration, conducted by the Geeks for Geeks MITS Student Chapter in the year 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "StartupNest 2.0" organized by DLG Club MITS held on 6th April 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "IEEE PES Day Quiz Competition" and secured 3rd position organized by "IEEE Students Chapter MITS"held on 6th April 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "IEEE Talk on Mobile empowerment " organized by IEEE Student Chapter MITS held on 6th April 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "IEEE PES Talk " organized by IEEE Student Chapter MITS held on 6th April 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "Unlocking Profit Events" organized by IETE Student Chapter MITS held on 22 June 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the " Brain Byte" organized by FunTech Club MITS held on 25June 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "IEEE Talk on Mobile empowerment " organized by IEEE Student Chapter MITS held on 6th April 2024.

- Archit Shrivastava(0901CE231020) B. Tech First Year successfully participated in the "Gateway" organized by MITS Alumini Community held on 8th April 2024.

- Aditya Pratap Singh (0901CE231008) B.Tech first year has successfully completed the Programming And Data Structures & Algorithms (DSA) Course of 12 weeks duration, conducted by the Geeks for Geeks MITS Student Chapter in the year 2024.

Students Achievement

- Supriya Tripathi (0901CE231095) B. Tech first year has participated in the Source Code of the Kshitij Kascade, organised by the Indian Institute of Technology (IIT), Kharagpur.

- Supriya Tripathi (0901CE231095) B. Tech first year has participated in the Anadigix of Kshitij Kascade, organised by the Indian Institute of Technology (IIT), Kharagpur.

- Supriya Tripathi (0901CE231095) B. Tech first year has participated in the Enigma of Kshitij Kascade , organised by the Indian Institute of Technology (IIT), Kharagpur.

- Supriya Tripathi (0901CE231095) B. Tech first year has participated in the Maths Olympiad of Kshitij Kascade, organised by the Indian Institute of Technology (IIT), Kharagpur.

- Yugank Singh Rajawat (0901CE231108) B. Tech first year successfully has participated in Run for Democracy Marathon conducted by NSS on 02 May 2024.

- Ansh Gautam (0901CE231012) B. Tech first year has successfully completed the Programming and Data Structures & Algorithms (DSA) Course of 12 weeks duration, conducted by the Geeks for Geeks MITS Student Chapter in the year 2024.

- Anubhav Sahu (0901CE231015) B. Tech first year successfully participated in the Doodle Diaries, Online, conducted by Art Club, MITS Gwalior on 24 June.

- Akash Dhakar (0901CE211014) B. Tech Third year has participated in the National Workshop on "Limit State Design of Steel Structures (LSDSS-2024)" held from 17-21 May 2024, organised by the Department of Civil Engineering, NIT Jamshedpur and sponsored by Jharkhand Council of Science and Technology & Innovation, Government of Jharkhand.

- Akash Dhakar (0901CE211014) B. Tech Third year has successfully completed Online certification course on Geospatial Technology for Modeling of Urban Environment at IIRS Dehradun from 27 May to 31 May

- Akash Dhakar (0901CE211014) B. Tech Third year has successfully completed Online certification course on Forest Carbon and Water Cycle Monitoring and Modeling at IIRS Dehradun from 13 May to 17 May

- Akash Dhakar (0901CE211014) B. Tech Third year has successfully completed Online certification course on Applications of Geospatial Technology in Paleo channel Studies at IIRS Dehradun from 20 May to 24 May

- Akash Dhakar (0901CE211014) B. Tech Third year has been elected as the Student Member of American Society of Civil Engineers (ASCE)

- Akash Dhakar (0901CE211014) B. Tech Third year has been elected as the Student Member of American Concrete Institute.

- Akash Dhakar (0901CE211014) B. Tech Third year has Successfully completed the online ACI University course: Testing Concrete Strength using 4*8 cylinders on 18 june 2024.

- Akash Dhakar (0901CE211014) B. Tech Third year has Successfully completed the online ACI University course: Innovative Use of Chemical Admixtures for Sustainable Concrete on 18 june 2024.

- Akash Dhakar (0901CE211014) B. Tech Third year has been recognised as NPTEL BELIEVER during Jan- April 2024.

⇨ Miscellaneous

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