



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 Prachi Singh
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

- **Dr Hemant Shrivastava** and Shashank Pathak(2024), “On Seismic Demand of Near Field Ground Motions”; DOI: <https://doi.org/10.1007/s12046-024-02440-z> (SCI-E)
- Anjali S Patil, **Aditya Kumar Agarwal**, **Kamal Sharma**, **Manoj Kumar Trivedi**, Time-cost trade-off optimization model for retrofitting planning projects using MOGA, Asian Journal of Civil Engineering, Online Published February 2024 <https://link.springer.com/article/10.1007/s42107-024-01014-y> (SCOPUS)
- Sourabh Soni, Mayank Chauhan, **Prachi Singh**, **Aditya Kumar Agarwal** & Kavish Sharma, Optimizing construction time, cost, and quality: a hybrid AHP-NSGA-II optimization model, Asian Journal of Civil Engineering, Online Published March 2024, <https://link.springer.com/article/10.1007/s42107-024-01030-y> (SCOPUS)
- **Singh, P.**, 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.

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

- **Prof. Deepanshu Agrawal** successfully completed and passes (with ELITE Certification) NPTEL-AICTE 12 week course on “**Plastic waste management**” during Jan-March 2024 organized by **IIT Kharagpur** .

➔ Activity Organized

- IWWA student Chapter MITS and Department of Civil Engineering organized a program on Sustainable Water Management on 16 March 2024 coordinated by **Prof A K Saxena and Prof Shyamveer Singh Chauhan**

➔ FDP/STC Attended by faculty

- **Prof Shyamveer Singh Chauhan** Successfully completed a one week peer learning training program on titled: Artificial intelligence and Machine learning Basics, organized by centre for Artificial intelligence, MITS Gwalior during 8 January 2024 to 12 January 2024.

➔ Students Achievement

- **Aditya Narayan Mishra B. Tech 1st Year** successfully participated in the “**Social Fiesta**” organized by **Pedosphere** held on 17th March 2024.
- **Aditya Narayan Mishra B. Tech 1st Year** successfully participated in the “**YTF Heritage Walk**” held on 23rd March 2024.
- **Ankit Pal B. Tech 1st Year** successfully participated in the “**बातें बचपन की**” organized by “**हिन्दी समिति**” held on 21st March 2024.
- **Anubhav Sahu B. Tech 1st Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Anubhav Sahu B. Tech 1st Year** successfully participated in the “**Social Fiesta**” organized by **Pedosphere** held on 17th March 2024.
- **Anubhav Sahu B. Tech 1st Year** successfully participated in the “**YTF Heritage Walk**” held on 23rd March 2024.
- **Anubhav Sahu B. Tech 1st Year** successfully participated in the “**The Ramayan Quiz**” organized by “**Scrabble Club MITS**” on 22nd January 2024.
- **Anushka Parashar B. Tech 1st Year** successfully participated in the “**E-Summit**” hosted by the **Indian Society for Technical Education Student's Chapter MITS** held from 3rd-4th February 2024.
- **Archit Shrivastava B. Tech 1st Year** successfully achieved “**1st Runner Up and NATIONAL CHAMPION AWARD**” in Tech Fest of “**IIT JODHPUR IGNUS 2024**” held from 15th to 18th February 2024.
- **Archit Shrivastava B. Tech 1st Year** successfully contributed excellent initiatives and outstanding contributions during the “**Student Ambassador Program**” of “**IIT BHUBANESWAR**” conducted in March 2024.
- **Archit Shrivastava B. Tech 1st Year** successfully participated in the “**Glider Making Workshop**” under the **Technical Workshops** organized as part of the “**39TH MADHYA PRADESH YOUNG SCIENTIST CONGRESS & SCIENCE FESTIVAL**” held on 21 and 22 February 2024.
- **Archit Shrivastava B. Tech 1st Year** successfully participated in the “**Mythical Quiz Competition**” organized by **Science Club** held on 22nd January 2024.

- **Archit Shrivastava B. Tech 1st Year** successfully achieved 3rd position in the “**बार्ते बचपन की**” organized by “**हिन्दी समिति**” held on 21st March 2024.
- **Archit Shrivastava B. Tech 1st Year** successfully participated in the “**Sustainable Water Management Seminar IWWA**” organized by “**The Civil Department**” held on 16th March 2024.
- **Archit Shrivastava B. Tech 1st Year** successfully participated in the “**Social Fiesta**” organized by **Pedosphere** held on 17th March 2024.
- **Baldev Kaurav B. Tech 1st Year** successfully participated in the “**YTF Heritage Walk**” held on 23rd March 2024.
- **Dhruv Kumar Rathor B. Tech 1st Year** successfully participated in the “**युवा उत्सव**” organized by “**हिन्दी समिति**” on 12th January 2024.
- **Dhruv Kumar Rathor B. Tech 1st Year** successfully participated in the “**Khelo MITS**” organized by the **Scrabble Club MITS** on 5th & 6th January 2024.
- **Dhruv Kumar Rathor B. Tech 1st Year** successfully coordinated the “**Quiz Competition on Safe Holi practices & spirituals**” organized by **The Eco sight Club MITS** on 30th March 2024.
- **Dhruv Kumar Rathor B. Tech 1st Year** successfully coordinated the **essay writing activity** organized by the **Eco sight Club MITS** on 16th March 2024.
- **Diya Singh B. Tech 1st Year** successfully participated in the “**YTF Heritage Walk**” held on 23rd March 2024.
- **Kartikeya Parashar B. Tech 1st Year** successfully participated in the “**E-Summit**” hosted by the **Indian Society for Technical Education Student's Chapter MITS** held from 3rd-4th February 2024.
- **Naman Shrivastava B. Tech 1st Year** successfully participated in the “**Cracking Off Campus**” organized by **ACM** held on 16th February 2024.
- **Naman Shrivastava B. Tech 1st Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Naman Shrivastava B. Tech 1st Year** successfully participated in the “**3D Forge Fest**” organized by “**Aerospace Club**” on 10th February 2024.
- **Prashant Upadhyay B. Tech 1st Year** successfully participated in the “**Khelo MITS**” organized by the **Scrabble Club MITS** on 5th & 6th January 2024.

- **Prashant Upadhyay B. Tech 1st Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Raj Yadav B. Tech 1st Year** successfully participated in the “**Khelo MITS**” organized by the **Scrabble Club MITS** on 5th & 6th January 2024.
- **Raj Yadav B. Tech 1st Year** successfully participated in the “**युवा उत्सव**” organized by “**हिन्दी समिति**” on 12th January 2024.
- **Ramam Sharma B. Tech 1st Year** successfully participated in the “**E-Summit**” hosted by the **Indian Society for Technical Education Student's Chapter MITS** held from 3rd-4th February 2024.
- **Shashank Agrawal B. Tech 1st Year** successfully participated in the “**Interview Insights Seminar**” held under the **Celsius** organized by **IETE Students Forum MITS** on 18th February 2024.
- **Shivansh Karaiya B. Tech 1st Year** successfully participated in the “**Khelo MITS**” organized by the **Scrabble Club MITS** on 5th & 6th January 2024.
- **Abhishek Prajapati B. Tech 2nd Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Bhupendra Dhakad B. Tech 2nd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Ishant Sharma B. Tech 2nd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Malkhan Singh Rajput B. Tech 2nd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Payal Shrivastava B. Tech 2nd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Payal Shrivastava B. Tech 2nd Year** successfully participated in the “**Mythical Quiz Competition**” organized by **Science Club** held on 22nd January 2024.
- **Payal Shrivastava B. Tech 2nd Year** successfully participated in the “**The Ramayan Quiz**” organized by “**Scrabble Club MITS** ” on 22nd January 2024.

- **Priyansh Patel B. Tech 2nd Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Sahil Gangil B. Tech 2nd Year** successfully participated in the “**Interview Insights Seminar** ” held under the **Celsius** organized by **IETE Students Forum MITS** on 18th February 2024.
- **Sahil Gangil B. Tech 2nd Year** successfully participated in the “**Sky Roads Gaming Fest**” organized by **Skyroads Gaming Club** on 22nd February 2024.
- **Sahil Gangil B. Tech 2nd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Udhav Prajapati B. Tech 2nd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Vikas Singh B. Tech 2nd Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Aadesh Raj B. Tech 3rd Year** successfully participated in the “**21st State Level Inter Engineering Cricket Tournament**” held during 20th to 28th February 2024.
- **Akash Dhakar B. Tech 3rd Year** successfully participated in the “**SOCIAL INNOVATION FOR SUSTAINABILITY**” organized by “**SPARC India Workshop**” held from 19th to 31st March 2024.
- **Anshita Ahirwar B. Tech 3rd Year** successfully coordinated the **the essay writing activity** organized by the **Ecos ight Club MITS** on 16th March 2024.
- **Kushagra Shakya B. Tech 3rd Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Muskan Jayant B. Tech 3rd Year** successfully participated in the “**Content Writing Masterclass**” organized by “**Science Club MITS**” held on 26th January 2024.
- **Muskan Jayant B. Tech 3rd Year** successfully participated in the “**Webizard 2.0**” organized by “**IETE Students Forum MITS**” held on 19th March 2024.

- **Archo Hurriya B. Tech 4th Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.
- **Dileep Raghuwanshi B. Tech 4th Year** completed the “**Plastic Waste Management**” by “**NPTEL**” from Jan - March 2024.
- **Dileep Raghuwanshi B. Tech 4th Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Latesh Gavhade B. Tech 4th Year** successfully coordinated the “**Safe Holi Practices & Spirituals**” organised by “**The Eco sight Club**” held on 30th March 2024.
- **Latesh Gavhade B. Tech 4th Year** successfully coordinated the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Mirza Subhan Baig B. Tech 4th Year** successfully cleared the “**GATE exam 2024**”.
- **Parth Birthare B. Tech 3rd Year** successfully participated in the “**39TH MADHYA PRADESH YOUNG SCIENTIST CONGRESS & SCIENCE FESTIVAL**” held on 21 and 22 February 2024.
- **Prashant Dhurve B. Tech 4th Year** successfully participated in the “**essay writing**” organized by the “**The Eco sight Club MITS**” on 16th March 2024.
- **Prashant Dhurve B. Tech 4th Year** successfully completed the “**Plastic Waste Management**” by “**NPTEL**” from Jan - March 2024.
- **Prashant Dhurve B. Tech 4th Year** successfully completed the “**Introduction to Civil Engineering Profession**” by “**NPTEL**” from Jan - March 2024.
- **Rishika Kumrawat B. Tech 4th Year** successfully completing the course of “**Electrochemical Technology in Pollution Control**” by “**NPTEL**” held from Jan – March 2024.
- **Rishika Kumrawat B. Tech 4th Year** successfully completed the course of “**Plastic Waste Management**” by “**NPTEL**” held from Jan – March 2024.
- **Rishika Kumrawat B. Tech 4th Year** successfully participated in the “**Safe Holi Practices & Spirituals**” organized by “**The Eco sight Club**” held on 30th March 2024.

- **Rishika Kumrawat B. Tech 4th Year** successfully participated in the “**Social Fiesta**” organized by **Podosphere** held on 17th March 2024.
- **Rohit Sharma B. Tech 4th Year** completed the “**CSS crash course for beginners**” from **Udemy** on 24th March 2024.
- **Rohit Sharma B. Tech 4th Year** completed the “**CSS, Bootstrap, JavaScript, Web Development Course**” from **Udemy** on 12th March 2024.
- **Rohit Sharma B. Tech 4th Year** completed the “**ChatGPT: Make money with ChatGPT as a new freelancer**” from **Udemy** on 12th March 2024.

➔ Miscellaneous

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