



## 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

- **Dr Jayvant Choudhary**, Brind Kumar, & Ankit Gupta (2022). Bauxite Residue: A Viable Filler for Asphalt Mixes. *Gradevinar: Journal of the Croatian Association of Civil Engineers*. 74 (2022), 481-489. DOI: 10.14256/JCE.2391.2018 (SCIE Indexed, IF: 0.992)
- Sanjay Kumar Vaishnav and **Dr Manoj Kumar Trivedi**, (2022). Performance evaluation of treated recycled fine aggregate on mortar properties, *Mater. Today Proc.*, vol. 62, pp. 6641–6647, 2022, doi: 10.1016/j.matpr.2022.04.645.
- Sanjay Kumar Vaishnav and **Dr Manoj Kumar Trivedi**, (2022). Performance enhancement of the recycled aggregate concrete properties using blended sand, *Mater. Today Proc.*, vol. 62, pp. 6648–6653, 2022, doi: 10.1016/j.matpr.2022.04.651.

## ➔ 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

- **Prof. Aditya Kumar Agrawal** successfully completed and passes (with ELITE + GOLD Certification) NPTEL-AICTE 12 week course on “**Environmental Impact**” during Jan-April 2022.
- **Prof Archana Tiwari** successfully completed NPTEL-AICTE 12 week FDP on “**Retrofitting and Rehabilitation of civil Infrastructure**” in Jan- April 2022 session.

## ➔ Activity Organized

- **Dr Chayan Gupta** worked as coordinator for a Expert Talk with Dr Sunanda Manke, BUIT, BU (Bhopal), on “**World Telecommunication Day**” on May 17, 2022.
- **Prof Archana Tiwari** conducted an in-house workshop on “**Gender Sensitization**” on May 25th 2022.
- **Dr Abhilash Shukla** worked as coordinator for an institute FDP titled “**Emerging areas in civil & environment engineering**” on 6-10<sup>th</sup> June 2022.

## ➔ Expert Talk Delivered

- **Dr Abhilash Shukla** delivered an expert lecture on “**UHPC-Introduction and fundamental of design and optimization of materials**” on 6<sup>th</sup> June 2022 in an institute FDP titled “**Emerging areas in civil & environment engineering**”.
- **Dr Hemant Shrivastava** delivered an expert lecture on “**Earthquake Resistant Design of Structures**” on 7<sup>th</sup> June 2022 in an institute FDP titled “**Emerging areas in civil & environment engineering**”.
- **Dr Chayan Gupta** delivered an expert lecture on “**Introduction to Geosynthetics and It’s Application in Civil Engineering**” on 7<sup>th</sup> June 2022 in an institute FDP titled “**Emerging areas in civil & environment engineering**”.
- **Dr Prachi Singh** delivered an expert lecture on “**Introduction to Hydrogeological Modelling**” on 9<sup>th</sup> June 2022 in an institute FDP titled “**Emerging areas in civil & environment engineering**”.
- **Dr Jayvant Choudhary** delivered an expert lecture on “**Bituminous Mix Design and Testing: An Indian Perspective**” on 10<sup>th</sup> June 2022 in an institute FDP titled “**Emerging areas in civil & environment engineering**”.

## ➔ Students Achievement

- **Adarsh Singh B.Tech 2nd Year** participated in “**IP Awareness/Training Program**” under national intellectual property awareness mission organized by Intellectual Property Office, India on 6th April 2022.
- **Adarsh Singh B.Tech 2nd Year** participated in “**Quizzotica**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Akash Dhakar B.Tech 2nd Year** participated an “**Online Quiz on National Technology Day**” on 11th May 2022.
- **Akash Dhakar B.Tech 2nd Year** contributed as COORDINATOR in the “**2nd National HR Conclave**” organized by Department of Management on 4th June 2022.
- **Akash Dhakar B.tech 2nd Year** participated in the webinar on “**Climate Change & Environmental Hazard’s**” by Madhav Institute of Technology and Science, Gwalior on 5th June 2022.
- **Akash Dhakar B.Tech 2nd Year** successfully attended “**MySQL Workshop**” by Electronics Club at MITS on 6th August 2022.
- **Arpita Khan B.Tech 2nd Year** participated in “**Water Rocket – Fluid O Zile**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Dhruv Sharma B.Tech 2nd Year** participated as a volunteer in “**2nd National HR Conclave 2.0**” conducted by Department of Management, MITS on 4th June 2022.
- **Dhruv Sharma B.Tech 2nd Year** successfully attended the “**2nd National HR Conclave 2.0**” conducted by Department of Management, MITS on 4th June 2022.
- **Ekta Chaturvedi B.Tech 2nd Year** participated in “**Code Hunt**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Ganga Rai B.Tech 2nd Year** participated in “**Quizzotica**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Ganga Rai B.Tech 2nd Year** participated in one day workshop on “**Introduction to Drone Technology**” by Rocket Club MITS on 23rd April 2022.
- **Harsh K. Chaurasia B.Tech 2nd Year** participated in “**IP Awareness/Training Program**” under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 6th April 2022.
- **Krapank Dixit B.Tech 2nd Year** successfully attended the “**2nd National HR Conclave 2.0**” conducted by Department of Management, MITS on 4th June 2022.
- **Krapank Dixit B.Tech 2nd Year** participated in the webinar on “**Techxsummer’22**” organized by Department of Electronics Engineering & IETE students forum MITS on 12th June 2022.
- **Krishankant Dhakar B.Tech 2nd Year** participated in “**Maze Solver**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Meenesh Rawat B.Tech 2nd Year** participated in “**Water Rocket – Fluid O Zile**” in Aavriti Tech fest 2022 on 16th & 17th April.

- **Prasant Dhurve B.Tech 2nd Year** participated an “**Online Quiz on National Technology Day**” on 11th May 2022.
- **Saisha Sinha B.Tech 2nd Year** participated in “**Quizzotica**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Seema Machar B.Tech 2nd Year** participated in “**Quizzotica**” in Aavriti Tech fest 2022 on 16th & 17th April.
- **Seema Machar B.Tech 2nd year** participated in one day workshop on “**Introduction to Drone Technology**” by Rocket Club MITS on 23rd April 2022.
- **Shiv Kumar B.Tech 2nd Year** coordinated in the “**2022 Badminton Tournament**” organized by MITS sports club on 26-27 March 2022.
- **Subham Das B.Tech 2nd Year** participated in “**IP Awareness/Training Program**” under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 6th April 2022.
- **Aishwary Dwivedi B.Tech 3rd Year** participated in an online quiz on “**National Technology Day**” on 11th May 2022.
- **Aishwary Dwivedi B.Tech 3rd Year** has worked as student coordinator for a webinar on “**World Telecommunication Day**” held on 17 May 2022.
- **Ashmit Tripathi B.Tech 3rd Year** successfully attended the “**2nd National HR Conclave 2.0**” conducted by Department of Management, MITS on 4th June 2022.
- **Chitranshi Shrivastava B.Tech 3rd Year** successfully attended the “**2nd National HR Conclave 2.0**” conducted by Department of Management, MITS on 4th June 2022.
- **Chitranshi Shrivastava B.Tech 3rd Year** supported as volunteer “**AAVRITI 3.0- State level tech fest**”, organized by Asimov Robotics Club, MITS Gwalior on 16th and 17th April 2022.
- **Mohit Shrivastav B.Tech 3rd Year** successfully completed an online “**Digital Marketing Internship**” at JUGAADHAI from 14th March 2022 to 16th June 2022.
- **Pushpendra Sagariya B.Tech 3rd Year** attended a webinar on “**World Telecommunication Day**” on 17th May 2022.
- **Shashwat Mishra B.Tech 3rd Year** participated in an online quiz on “**National Technology Day**” on 11th May 2022.
- **Shashwat Mishra B.Tech 3rd Year** attended a webinar on “**World Telecommunication Day**” on 17th May 2022.
- **Ankit Rajouriya B.Tech 4th Year** successfully completed “**One Month Internship at CPWD**” from 01/06/2022 to 30/06/2022.
- **Bhaskar Gupta B.Tech 4th Year** successfully completed an online project on “**Create Chart’s and Dashboard’s Using Microsoft Excel**” by Coursera Project Network through Coursera on 18th May 2022.
- **Bhaskar Gupta B.Tech 4th Year** successfully completed an online project on “**Introduction to Data Analysis using Microsoft Excel**” by Coursera Project Network through Coursera on 18th May 2022.

- **Bhaskar Gupta B.Tech 4th Year** successfully completed an online Course “**Introduction to Data Analytics**” by IBM through Coursera on 22nd May 2022.
- **Bhaskar Gupta B.Tech 4th Year** successfully completed an online Course “**Excel Basics For Data Analysis**” by IBM through Coursera on 2nd June 2022.
- **Bhaskar Gupta B.Tech 4th Year** successfully completed an “**Internship at Dineshchandra R. Agrawal Infracon Pvt. Ltd.**” from 11/06/2022 to 26/07/2022.
- **Bhaskar Gupta B.Tech 4th Year** successfully completed an online course “**Data Visualization and Dashboard’s with Excel and Cognos**” by IBM through Coursera on 17th June 2022.
- **Chetan Namdeo B.Tech 4th Year** successfully completed “**Training at Construction of Girls Hostel Building for Back ward Classes and Minorities**” under PWD from 6th June 2022 to 30th June 2022.
- **Deepti Dixit B.Tech 4th Year** successfully completed an Internship on “**Performance of Pothole Repair by Finite Element Method**” at Central Road Research Institute from 13th June 2022 to 22th July 2022.
- **Kunal Gupta B.Tech 4th Year** successfully completed “**Build Responsive Real-World Websites with HTML and CSS**” of total 37.5 hour’s by UDEMY on 20th June 2022.
- **Kunal Gupta B.Tech 4th Year** successfully completed “**The Complete JavaScript Course 2022: From Zero to Expert**” of total 69 hour’s by UDEMY on 8th August 2022.
- **Kratika Lodhi B.Tech 4th Year** successfully completed an “**Internship on Evaluation of Ready to use pothole Mix for Road Application**” at Central Road Research Institute from 13th June 2022 to 29th July 2022.
- **Niket Shrivastava B.Tech 4th Year** participated in “**Arz Kiya Hai**” mic event by Querencia MITS Literary Club on 22nd April 2022.
- **Shreya Singh B.Tech 4th Year** participated in the webinar on “**Climate Change & Environmental Hazard’s**” by Madhav Institute of Technology and Science, Gwalior on 5th June 2022.
- **Shubham Chaubey B.Tech 4th Year** successfully completed 30 Day’s “**Industrial Training**” at UltraTech Cement Limited from 1/06/2022 to 20/06/2022.
- **Shubham Chaubey B.Tech 4th Year** participated in the webinar on “**Climate Change & Environmental Hazard’s**” by Madhav Institute of Technology and Science, Gwalior on 5th June 2022.
- **Vaibhav Sikkewal B.Tech 4th Year** participated in the webinar on “**Climate Change & Environmental Hazards**” by Madhav Institute of Technology and Science, Gwalior on 5th June 2022.
- **Vaibhav Sikkewal B.Tech 4th Year** successfully completed an online course on “**MYSQL Basics in Hindi**” by Great Learning in August 2022.

## ➔ Miscellaneous

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