



CIVIL ENGINEERING DEPARTMENT

E-NEWSLETTER

“CIVILIAN-SIGHT”

INSIDE THIS ISSUE:

- ❖ Departmental Achievement
- ❖ FDP/STC Attended
- ❖ Projects Undergoing
- ❖ Publications
- ❖ NPTEL/ATAL/COURSE RA/Internshala courses attended by faculty
- ❖ Activity organized
- ❖ Expert talk delivered
- ❖ Students Achievement
- ❖ Any Other Achievement

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**, Mayank Sukhija, & Ankit Gupta (2022). A Comparative Analysis of Engineering and Economical Suitability of Bituminous Mastics containing Waste Fillers. *Case Studies in Construction Materials*, Elsevier. 17, e01640. DOI: 10.1016/j.cscm.2022.e01640 (SCIE Indexed, IF: 4.934)
- Abhijit Mondal, G.D. Ransinchung, **Dr. Jayvant Choudhary** (2022), Sustainable recycling of industrial waste fillers and reclaimed asphalt pavement to produce environmentally feasible warm mix asphalt, *Innovative Infrastructure Solutions*, Springer. 8(34). DOI:10.1007/s41062-022-01006-4 (Scopus Indexed)
- Rakesh Gupta and **Dr. Manoj Trivedi** (2022), Integrating the Multi-objective Elephant Herding Optimization Based Time-Cost Trade- Off Model with Earned Value Management, *Asian Journal of Civil Engineering*, Springer. DOI: 10.1007/s42107-022-00551-8 (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** received the “**NPTEL Believer Certificate**” for successfully completing four NPTEL courses.
- **Dr. Chayan Gupta** received the “**Gold Medal**” for successfully completing NPTEL Course “**Ground Improvement Technique**”.

➔ Activity Organized

- **Dr Chayan Gupta** worked as a student coordinator & organized a quiz event under commemorative days on “**National Energy Conservation Day**” on 14th December 2022.
- **Dr Hemant Shrivastava** organized a club event on the occasion of “**World Standards Day**” on 14th October 2022.

➔ FDP/STC/Webinar attended (Outside the institute)

- **Dr Chayan Gupta** attend a Webinar Series on “**Polluted Land, Waste Management & Sustainability/Resiliency**” dated October 6 -December 1, 2022, organized by the Department of Civil, Materials and Environmental Engineering, University of Illinois, Chicago.
- **Dr Jayvant Choudhary** attend a Webinar Series on “**Polluted Land, Waste Management & Sustainability/Resiliency**” dated October 6 -December 1, 2022, organized by the Department of Civil, Materials and Environmental Engineering, University of Illinois, Chicago.

➔ Patent Published

- **Dr Chayan Gupta** is awarded an Indian Patent titled “**A Stabilized Green Product From Hazardous Jarosite waste and process of preparation thereof**”, Patent No. 414414

➔ Students Achievement

- **Amit Pachouriya B.Tech 1st Year** participated in “**The Quiz on PYTHON**” conducted by ASIMOV ROBOTICS CLUB, MITS on the 24th of November 2022.
- **Ayushi Saraswat B.Tech 1st Year** participated in Dance & Music Festival “**17th Udbhav Utsav 2022**” organized by Udbhav Sports & Cultural Association, Gwalior, INDIA & secured 1st prize in “**Semi Classical Solo Competition**” on 29th October to 2nd November 2022.
- **Ayushi Saraswat B.Tech 1st Year** participated in the “**Dance Competition Event**” held in “**Unifest 2022**” & scored 2nd position on 12th November 2022.
- **Ishant Sharma B.Tech 1st Year** participated in the online quiz on “**National Energy Conservation Day**” conducted by **INSTITUTION’S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Surendra Tanwar B.Tech 1st Year** participated in the online quiz on “**National Energy Conservation Day**” conducted by **INSTITUTION’S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Raviraj Singh B.Tech 1st Year** for enthusiastic participation in “**ARTISTRY JINGLES**” organized by **ARTISTRY, ART CLUB MITS** on 24th December 2022
- **Aastha Verma B.Tech 2nd Year** participated in the weekly Quiz Series “**QUIZZOPEDIA (week-5)**” organized by **ASIMOV ROBOTICS CLUB, MITS** on 22nd October 2022.
- **Aastha Verma B.Tech 2nd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 15th October 2022.
- **Aastha Verma B.Tech 2nd Year** participated in the online quiz competition “**ETHIX**” conducted by “**ISTE STUDENTS FORUM, MITS**” on October 9, 2022.
- **Adarsh Singh B.Tech 2nd Year** participated in “**The Stock Quest**” an intra-college Quiz competition organized by **the Finance club, MITS Gwalior** in collaboration with StockGro on 27th December 2022.
- **Ashutosh Baghel B.Tech 2nd Year** participated in the weekly Quiz Series “**QUIZZOPEDIA (week-5)**” organized by **ASIMOV ROBOTICS CLUB, MITS** on 22nd October 2022.
- **Dhruv Parashar B.Tech 2nd Year** participated in the “**INFINIX**” technical quiz competition First phase of the **IQUORA FEST** organized by **AASF** on 22nd December 2022.
- **Disha Mittal B.Tech 2nd Year** participated in the online quiz on “**National Energy Conservation Day**” conducted by **INSTITUTION’S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Harshul Pratap Singh Bhadoriya B.Tech 2nd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 8th October 2022.

- **Harshul Pratap Singh Bhadoriya B.Tech 2nd Year** participated in the webinar by Nutrition Ninja Club, MITS on the occasion of “**World Food Day**” on 16th October 2022.
- **Harshul Pratap Singh Bhadoriya B.Tech 2nd Year** participated in the online quiz competition “**ETHIX**” conducted by “**ISTE STUDENTS FORUM, MITS**” on October 9, 2022.
- **Harshul Pratap Singh Bhadoriya B.Tech 2nd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 15th October 2022.
- **Muskan Jayant B.Tech 2nd Year** participated in the “**INFINIX**” technical quiz competition First phase of the **IQUORA FEST** organized by AASF on 22nd December 2022.
- **Muskan Jayant B.Tech 2nd Year** participated in the online quiz competition “**ETHIX**” conducted by “**ISTE STUDENTS FORUM, MITS**” on October 9, 2022.
- **Muskan Jayant B.Tech 2nd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 8th October 2022.
- **Muskan Jayant B.Tech 2nd Year** participated in the webinar by Nutrition Ninja Club, MITS on the occasion of “**World Food Day**” on 16th October 2022.
- **Muskan Jayant B.Tech 2nd Year** participated in the online quiz on "National Energy Conservation Day" conducted by **INSTITUTION'S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Nikita Mishra B.Tech 2nd Year** successfully completed the “**Autodesk Authorized Training Center Course**” by Autodesk on 20th November 2022.
- **Nikita Sharma B.Tech 2nd year** participated in the “**INFINIX**” technical quiz competition First phase of the **IQUORA FEST** organized by AASF on 22nd December 2022.
- **Parth Birthare B.Tech 2ndYear** participated in the “**INFINIX**” technical quiz competition First phase of the **IQUORA FEST** organized by AASF on 22nd December 2022.
- **Vanshika Jadon B.Tech 2nd year** participated in the online quiz on "National Energy Conservation Day" conducted by **INSTITUTION'S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Abhishek Chandel B.Tech 3rd Year** participated in the webinar by Nutrition Ninja Club, MITS on the occasion of “**World Food Day**” on 16th October 2022.
- **Anuj Baishandar B.Tech 3rd Year** successfully completed the training cum internship of “**PYTHON with DJANGO**” from 1st JUN to 30th OCT 2022.
- **Anuj Baishandar B.Tech 3rd Year** successfully attended “**The CATC-XII**” conducted by 8MP Bn NCC under the aegis of NCC GP HQ Gwalior from 1st to 8th October 2022.
- **Arsalan Hasan B.Tech 3rd Year** participated in the online quiz on "National Energy Conservation Day" conducted by **INSTITUTION'S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.

- **Arsalan Hasan B.Tech 3rd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 15th October 2022.
- **Mohit Shrivastav B.Tech 3rd Year** successfully completed the “**Data Analysis with python**” by freecodecamp on October 3rd, 2022.
- **Mohit Shrivastav B.Tech 3rd Year** participated in the “**Business Analytics Course**” in MyCaptain's for the month of November 2022.
- **Nitesh Rajoriya B.Tech 3rd Year** participated as a player with his team in the “**48th JUNIOR STATE VOLLEYBALL CHAMPIONSHIP**” and secured **1st rank** in the championship held at Dist. Sagar from 2nd to 5th November 2022.
- **Rohit Sharma B.Tech 3rd Year** participated in the weekly Quiz Series “**QUIZZOPEDIA (week-5)**” organized by **ASIMOV ROBOTICS CLUB, MITS** on 22nd October 2022.
- **Rohit Sharma B.Tech 3rd Year** participated in the “**INFINIX**” technical quiz competition First phase of the **IQUORA FEST** organized by AASF on 22nd December 2022.
- **Rohit Sharma B.Tech 3rd Year** participated in the online quiz on “**National Energy Conservation Day**” conducted by **INSTITUTION’S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Rohit Sharma B.Tech 3rd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 15th October 2022.
- **Sahaj Soni B.Tech 3rd** participated in the online quiz on “**National Energy Conservation Day**” conducted by **INSTITUTION’S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB, MITS** on Dec 14, 2022.
- **Shiv Kumar B.Tech 3rd Year** participated in “**EK BHARAT SHRESTHA BHARAT II CAMP**” at Sir Syed Taliparamba under the aegis of NCC Group Headquarters Kozhikode from 24th December to 2nd January 2023.
- **Tarun Kumar Maurya 3rd Year** participated in the webinar by Nutrition Ninja Club, MITS on the occasion of “**World Food Day**” on 16th October 2022.
- **Tarun Kumar Maurya 3rd Year** participated in the weekly Quiz Series “**QUIZZOPEDIA (week-5)**” organized by **ASIMOV ROBOTICS CLUB, MITS** on 22nd October 2022.
- **Tarun Kumar Maurya 3rd Year** participated in Weekly Quiz Series “**CODE-DE-CODE**” conducted by **ASIMOV ROBOTICS CLUB, MITS** on 15th October 2022.
- **Bhaskar Gupta B.Tech 4th Year** successfully completed the NPTEL course “**WASTEWATER TREATMENT& RECYCLING**” with an **ELITE Certificate** on **JULY-OCTOBER 2022**.
- **Kirti Singh B.Tech 4th Year** participated in the weekly Quiz series “**QUIZOPEDIA (WEEK-6)**” conducted by the **ASIMOV ROBOTICS CLUB, MITS** on 29th October 2022.

- **Kirti Singh B.Tech 4th Year** successfully completed the course “**PHP & MySQL – Certification Course for Beginners**” by udemy on 28th December 2022.
- **Paras Gupta B.Tech 4th year** participated in the webinar by Nutrition Ninja Club, MITS on the occasion of “**World Food Day**” on 16th October 2022.
- **Paras Gupta B.Tech 4th year** participated in the online quiz on “**National Energy Conservation Day**” conducted by **INSTITUTION’S INNOVATION COUNCIL & ASIMOV ROBOTICS CLUB**, MITS on Dec 14, 2022.
- **Praveen Kaushik Mishra B.Tech 4th Year** received “**CERTIFICATE OF APPRECIATION**” for being recognized as **NPTEL DISCIPLINE STAR** of JULY-DECEMBER 2022.
- **Praveen Kaushik Mishra B.Tech 4th Year** received a “**CERTIFICATE OF APPRECIATION**” for being recognized as **NPTEL ENTHUSIAST** of JULY-DECEMBER 2022.
- **Raj Pratap Singh Kirar B.Tech 4th Year** received a **CERTIFICATE OF ORGANIZER** for his contribution to the seminar “**EMOTIONAL BALANCE & CAREER SUCCESS**” under the initiative **EK PEHEL** on 26th October 2022.
- **Raj Pratap Singh Kirar B.Tech 4th Year** received a **CERTIFICATE OF ORGANIZER** for his contribution to the seminar “**BHAGVAD GITA – KNOWLEDGE OF SCIENCE**” on 20th November 2022.
- **Smrati Dohare B.Tech 4th Year** received a **CERTIFICATE OF ORGANIZER** for his contribution to the seminar “**EMOTIONAL BALANCE & CAREER SUCCESS**” under the initiative **EK PEHEL** on 26th October 2022.
- **Smrati Dohare B.Tech 4th Year** received a **CERTIFICATE OF ORGANIZER** for his contribution to the seminar “**BHAGVAD GITA – KNOWLEDGE OF SCIENCE**” on 20th November 2022.
- **Yuvraj Kirar B.Tech 4th Year** successfully completed the NPTEL course “**WASTEWATER TREATMENT& RECYCLING**” with an **ELITE Certificate** on JULY-OCTOBER 2022.

➔ Miscellaneous

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