



CIVIL ENGINEERING DEPARTMENT

E - NEWSLETTER

“ CIVILIANSIGHT ”

INSIDE THIS ISSUE:

- ❖ FDP/STC Attended
- ❖ NPTEL/ATAL/
COURSERA
/INTERNSHALA
Course attended by
faculty
- ❖ Project Undergoing
- ❖ PhD Awarded
- ❖ Publications
- ❖ Students' 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. A.K.Saxena

Amit Uikey (B.Tech. 4th Year)

Dr. Pratibha Singh

Himanshi Agrawal (B.Tech. 3rd Year)

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.

PEO 4 The graduate of the program will be able to exhibit leadership skills, team spirit and ethical practices.

FDP/STC Attended (Outside the Institute)

- Prof. Aditya Kumar Agarwal attended 1 week STC on “Advancements in Civil Engineering at IIT Indore” from 02 - 07 Nov 2020
- Prof. Mohit Aggarwal attended ATAL FDP on Green Technology & Sustainability Engineering during 7-11 Dec, 2020
- Prof. Gautam Bhadoriya attended 12 week FDP course on “Glass in building” from Sep to Dec 2020
- Prof. Nupur Verma Completed online course on “Python Data Structures” in October, 2020 offered through Coursera.
- Dr. M.K. Trivedi attended course “Project Planning and Control” offered through NPTEL in October 2020

NPTEL/ATAL/COURSERA/INTERNSHALA Course attended by faculty

- Prof. Mohit Aggarwal attended ATAL FDP on Green Technology & Sustainability Engineering during 7-11 Dec, 2020
- Prof. Gautam Bhadoriya attended 12 week FDP course on “Glass in building” from Sep to Dec 2020 offered through NPTEL
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- Dr. M.K. Trivedi attended course “Project Planning and Control” offered through NPTEL in October 2020

Project undergoing

- **Dr. Pankaj Kumar** is working on CRS Project: Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model
- **Dr. Manoj Trivedi** is undertaking a project on “Development of optimum front for Time-Cost trade-off for construction projects (RPS AICTE)”
- **Dr. Manoj Trivedi** is undertaking a project on “Multi-objective optimization using NSGA III (IRS TEQIP3)”

PhD Awarded

Mr. Mohan Kantharia has successfully completed PhD under the guidance of **Dr. Manoj Trivedi** on topic “Investigation of Mortar Property by mixing with nano materials” in Oct 2020.

Publications

- 1. **Kumar P., Ganguli A. and Benipal G.S.** (2021). “Empirical Validation of Free Vibration of Sagging Cables” accepted in Structural Engineering Convention (SEC) 2021 being held at Dec 2021 at MNIT Jaipur.
- 2. **Kumar P., Tiwari Sanjay, Jain S.K. and Ritu Raj** (2021). “Seismic Analysis of Sagging Elasto-Flexible Cable using Placement Model” accepted in Structural Engineering Convention (SEC) 2021 being held at Dec 2021 at MNIT Jaipur.
- 3. **Prof. M.K. Trivedi** published book chapter of “Intelligent Computing Applications for Sustainable Real-World Systems”
<http://www.springer.com/gp/book/9783030447571>
- 4. **Prof. M.K. Trivedi** published a Journal paper on “Latin Hypercube sampling based multi-mode resource constrained time-cost-quality-safety trade-off optimization model for construction projects” in International Journal of Construction Management (Taylor and Francis)
<https://doi.org/10.1080/15623599.2020.1843769>

Students' Achievement

- Srashti Sahu B.Tech 2nd Year attended online quiz event "ABHIPRAY" organised by scrabble club MITS Gwalior on 15th Oct 2020
- Divyanshi Jain B.Tech 2nd Year organized Portrait sketching competition "RACHNA" in Oct 2020
- Divyanshi Jain B.Tech 2nd Year organized an online event LOGOFY-Digital art Competition in Nov 2020
- Divyanshi Jain B.Tech 2nd Year has given an outstanding performance in debate competition "Will Robots reduce human employment?" held on 07.11.2020
- Divyanshi Jain B.Tech 2nd Year participated in a national level webinar on "Mock placement preparations" conducted by Holistic health club, MITS Gwalior.
- Mr. Yogesh Kurmi B.Tech 3rd Year has successfully completed E-Quiz on life, gratitude and philosophy of Mahatma Gandhi organized by Govt. College, Sahrai, Ashoknagar MP. Under the aegis of NSS on 2nd Oct 2020.
- Rohit Asthana B.Tech 3rd Year has completed Army attachment training camp with 837 field workshop company EME under the aegis of Headquarters 636 EME Bn from 01 Oct 2019 to 15 Oct 2019
- Nipurn Runij B.Tech 3rd Year organized activities under MITS club as a VICE-PRESIDENT of DIGITAL LEARNING GROUP MITS
- Rajan Pandey B.Tech 3rd Year attended the virtual global summit on Artificial Intelligence: Responsible AI for Social Empowerment (RAISE2020) during 5-9 oct 2020
- Manna Kumar Pandey B.Tech 2nd Year has given an outstanding performance in debate competition "Will Robots reduce human employment?" held on 07.11.2020