



CIVIL ENGINEERING DEPARTMENT

E - NEWSLETTER

“ CIVILIANSIGHT ”

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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. A.K.Saxena	Amit Uikey (B.Tech. 4 th Year)
Dr. Pratibha Singh	Himanshi Agrawal (B.Tech. 3 rd 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.

Faculty Received Award

- Prof. Aditya Kumar Agarwal Awarded Life Time Membership (MIE) certificate from Institution of Engineers India (IEI) in Sept, 2020.

Talk Delivered Outside Institute

- Dr. S.K. Jain Delivered lecture as a speaker in 5 days online FDP on Future trends in Earthquake resistant design of structures (FTRERDS 2020) organised by Deptt of Civil Engineering BIET Jhansi during 17-21 Aug 2020

FDP/STC Attended (Outside the Institute)

- Dr. Pankaj Kumar attended Course on “Building Science and Energy Conservation” organized by Department of Mechanical Engineering, Madhav Institute of Technology & Science, Gwalior, September 22 -26, 2020.
- Dr. Pankaj Kumar attended Three Days International Workshop of Research Methodology in higher Education organized by Department of Applied Sciences, EC Banswara, Rajasthan from 3-5 Sept. 2020.
- Dr. Pankaj Kumar attended TEQIP-III Sponsored National Webinar on “IS 13920: 2016 Ductile Design and Detailing of Reinforced Concrete Structures Subjected to Seismic Forces” organized by Civil Engineering Department, Jabalpur Engineering College Jabalpur on 14-August-2020.
- Dr. Pankaj Kumar attended Five days online Faculty Development Programme on “Advances in Geotechnical and Transportation Engineering (AGTE2020)” organized by Department of Civil Engineering during 20th -24th July 2020.
- Dr. Pankaj Kumar attended TEQIP-III Sponsored webinar for one week Workshop on “Research and Practices in Civil Engineering (RPCE-2020)” organized by Department of Civil Engineering, IGIT Sarang during 3rd-7th August, 2020.
- Prof. Gautam Bhadoriya Attended two week FDP course on Munciple solid waste
- Prof. Nupur Verma attended Five Days Online Faculty Development Program on "RESEARCH IN ENGINEERING - A Way Forward" conducted on 6th to 10th July,2020 organized by A. P. Shah Institute of Technology, Thane.
- Prof. Nupur Verma attended Five-day workshop on "Disaster Risk and Modeling" during July, 13-17, 2020 organized by MITS, Gwalior

- **Prof. Nupur Verma** attended Three Days International Workshop on “Research Methodology in Higher Education” Organized by Department of Applied Science, Engineering College Banswara from 03/09/2020 to 05/09/2020.“
- **Prof. Deepak Rastogi** Delivered Expert Talk on “Environmental Impact of Idol Immersion”, on 9 August 2020, Webinar organised by IWWA Gwalior center and Civil Engineering Department ,M.I.T.S., Gwalior
- **Prof. Deepak Rastogi** Organised a webinar on Environmental Impact of Idol Immersion, in association with IWWA Gwalior center
- **Prof. Deepak Rastogi** attended Building Science and Energy Conservation , organised by Mechanical Engineering Department, M.I.T.S., Gwalior from 22 to 26 September 2020 under TEQIP III
- **Prof. Deepak Rastogi** attended Source Apportionment Studies For The Mitigation of Air Pollution, on 13 September 2020 under TEQIP III
- **Prof. Deepak Rastogi** attended Webinar on Virtual Labs , organised in association with the IIT Delhi ,on 22 August 2020.
- **Prof. Deepak Rastogi** attended In house interactive virtual workshop on " Digital Teaching - Learning and Evaluation " on 25 July 2020 at M.I.T.S., Gwalior
- **Prof. Deepak Rastogi** attended NPTEL 12 Week course on "Integrated Waste Management For A Smart City ", from 14 September 2020 , organised by IIT Kharagpur
- **Prof. Mohit Aggarwal** Participated in One Week Online Short Term Training Program on “Emerging Tools and Technologies in Material Science and Engineering” organized by Department of Applied Physics, Jabalpur Engineering College, Jabalpur, Madhya Pradesh, India during 21st-25th September 2020.
- **Prof. Mohit Aggarwal** Participated and successfully completed TEQIP-III Sponsored Online Faculty Development Programme on “Recent Developments in Environmental Engineering (RDEE-2020)” organized by Department of Civil Engineering, Veer Surendra Sai University of Technology, Burla during 15th – 19th September, 2020.
- **Prof. Mohit Aggarwal** Participated in one week STC on "Prospects of future research in Structural and Geotechnical Engineering" from 7-11 Sept,2020 organized by Dr. B R Ambedkar National Institute of Technology, Jalandar.

- **Prof. Mohit Aggarwal** Participated in One Day National Webinar on "Recent Advances in Power Plant Chemistry" organized by department of Applied Chemistry, Jabalpur Engineering College, Jabalpur on 15 September, 2020.
- **Prof. Mohit Aggarwal** Participated in five days webinar on "Building Science and Energy Conservation" organized by Department of Mechanical Engineering, Madhav Institute of Technology & Science, Gwalior under the sponsorship of TEQIP III from September 22-26, 2020.
- **Prof. Mohit Aggarwal** Attended one day National Webinar on "Frontiers of Scanning Probe Microscopy" organized by Department of Applied Physics, Jabalpur Engineering College, Jabalpur, Madhya Pradesh under TEQIP-III, dated on 19th September 2020.
- **Prof. Mohit Aggarwal** Participated in TEQIP III sponsored national webinar on "Mathematical Modeling of Engineering Systems" conducted by department of Mechanical Engineering, MBM Engineering College Jodhpur on 16 September, 2020.

Expert Talk organized at Institute level

- Expert Talk on "Environmental Impact of Idol Immersion", was organised on 9 August 2020, under IWWA Gwalior center and Civil Engineering Department, M.I.T.S., Gwalior

NPTEL/ATAL/COURSERA/INTERNSHALA Course attended by faculty

- Dr. Pankaj Kumar attended ATAL Online FDP on Design of Earthquake Resistant Structures under the thrust area of Earthquake Engineering. 21st - 25th September 2020.
- Prof. Nupur Verma attended Coursera - Programming for Everybody (Getting Started with Python) - completed on 29.08.2020
- Prof. Mohit Aggarwal Participated in AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Programme (FDP) on, "Innovation Management" organized by Entrepreneurship Development Cell, Inderprastha Engineering College Ghaziabad affiliated from Dr. A.P.J. Abdul Kalam Technical University, U.P, during 26th to 30th September, 2020.
- Prof. Deepak Rastogi attended NPTEL 12 Week course on "Integrated Waste Management For A Smart City", from 14 September 2020, organised by IIT Kharagpur

Project undergoing

Dr. Pankaj Kumar is working on CRS Project: Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model

Publications

- Aditya Kumar Agarwal, Ragini Yadav, "Evaluation of Physico- chemical properties of soil using treated sewage water for Irrigation of Swarn Rekha River, Gwalior (M.P.)", IJRASET, Vol. 8, Issue 8 August 2020
- Aditya Kumar Agarwal, Tej Prakash, Nupur Verma, "Assessment of Quality Characteristics of Underground Water using Water Quality Index – A Case Study of Rural Areas from Gwalior District", IJRASET, Vol. 8, Issue 8 August 2020

Students' Achievement

- Anant garg of B. Tech 3rd Year participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Dushyant Chauhan of B. Tech 2nd Year Participated in Fit India movement awareness Quiz organised by 8 MP Battalion NCC, Gwalior from 05th sept- 11th sept 2020
- Dushyant Chauhan of B. Tech 2nd Year Attended National Webinar on “Self Reliant India of 21st Century” organised by NCC Army wing Govt Model science college Gwalior on 9 Aug 2020
- Dushyant Chauhan of B. Tech 2nd Year Participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Himanshi Agrawal of B. Tech 3rd Year Organised online dance competition
- Himanshi Agrawal of B. Tech 3rd Year Attended webinar on virtual sketching hour
- Shubham Chaubey of B. Tech 2nd Year Participated and won certificates in Olympiads, essay writing, dance competition and photography.

Students' Achievement

- Anant garg of B. Tech 3rd Year participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Rishabh gupta of B. Tech 2nd Year Participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Rishabh gupta of B. Tech 2nd Year Passed Certification Exam on “Fundamentals of digital marketing” under Google digital Garage on 20/07/2020
- Shivani Shukla of B. Tech 2nd Year Attended “Placement ready program” organised by Digital learning group MITS Gwalior from 5-14 Jul 2020
- Shivani Shukla of B. Tech 2nd Year Participated in online national level quiz competition “Social and health awareness during Covid-19 Pandemic on 27 sept 2020.
- Shivani Shukla of B. Tech 2nd Year Participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Samiksha Sharma of B. Tech 3rd Year Organised Online Dance Competition under MITS Dance club in Aug-2020, Attended Makeup Webinar
- Umesh Dangi of B. Tech 3rd Year Participated in National web conference on National Education Policy 2020: Transformational reforms in School Education organised by Regional Institute of Education Bhopal on 28-29 Sept 2020
- Umesh Dangi of B. Tech Participated in one day webinar on Virtual Sketching Hour organised by MITS Art Club Gwalior on 31 Aug 2020
- Umesh Dangi of B. Tech Participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Umesh Dangi of B. Tech Attended one day online workshop on Recent Advancement in science and technology organised by VITM Gwalior on 7th Sept 2020
- Umesh Dangi of B. Tech Attended one day workshop on ROBOTICS organised by Digital Learning Group MITS Gwalior, on 5th sept 2020
- Umesh Dangi of B. Tech Attended one day webinar on Basic awareness of concrete technology held on 04/07/2020 organised by Acropolis

Students' Achievement

- Umesh Dangi of B. Tech 3rd Year Attended webinar on Entrepreneurship organised by Digital Learning Group MITS Gwalior, on 25 Jul 2020
- Umesh Dangi of B. Tech 3rd Year Attended workshop on Fundamentals of CFD organised by VITM Gwalior on 30 Jul 2020
- Nipurn Runij of B. Tech 3rd Year Organized PLACEMENT READY PROGRAM organised by Digital Learning Group MITS Gwalior,5-14 July 2020
- Nipurn Runij of B. Tech 3rd Year Organized Knowledge hunt online quiz
- Nipurn Runij of B. Tech 3rd Year Organized workshop of Mr. Aman malhotra on robotics (udemy educator)
- Ankita Chaurasiya of B. Tech 4th Year Attended FINISHING SCHOOL PROGRAMME in July 2020
- Ankita Chaurasiya of B. Tech 4th Year Attended Webinar on 'placement scenario during or after lockdown 'organized by digital learning group ,MITS
- Ankita Chaurasiya of B. Tech 4th Year Attended Webinar on 'topper's talk 'organized by Digital learning group, MITS
- Ankita Chaurasiya of B. Tech 4th Year Attended National level quiz competition on 'Health awareness during Covid 19 pandemic'
- Ankita Chaurasiya of B. Tech 4th Year Attended Two days workshop on 'Application of Remote sensing and GIS in disaster management' by Vikrant institute
- Ankita Chaurasiya of B. Tech 4th Year Attended Webinar on 'Introduction to robotics
- Ankita Chaurasiya of B. Tech 4th Year Nominated for NSS B certificate

Students' Achievement

- Ayushi Gupta B. Tech 4th Year Attended a workshop on fundamental of CFD)
- Ayushi Gupta B. Tech 4th Year Attended a national level quiz competition
- Ayushi Gupta B. Tech 4th Year Participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Ayushi Gupta B. Tech 4th Year Attended workshop on Fundamentals of CFD organised by VITM Gwalior on 30 Jul 2020
- Sarthak B. Tech 4th Year Completed training in Staad Pro,
- Sarthak B. Tech 4th Year Completed a 1 month Photography workshop from My captain
- Sarthak B. Tech 4th Year Completed Certificate for the course of "Remote Sensing and GIS" by IIRS and ISRO.
- Sarthak B. Tech 4th Year Won a cash prize of 500\$ for the International Essay Writing Competition by Berkley UK
- Sarthak B. Tech 4th Year Won second price in a singing Competition.
- Hariom Dhakad B. Tech 3rd Year Completed Finishing school program
- Hariom Dhakad B. Tech 3rd Year Yoga day certificate
- Hariom Dhakad B. Tech 3rd Year Participated in online national level quiz competition "Social and health awareness during Covid-19 Pandemic on 27 sept 2020.
- Hariom Dhakad B. Tech 3rd Year Participated in General awareness sports quiz organised by sports club MITS Gwalior on 10/09/2020
- Avinash Jain B. Tech 4th Year Organized National Level Online Quiz Competition on the topic of "Social and health awareness during covid-19" on 27th sep, 2020 in which 500+ student from all over country participated. Quiz was organised by Holistic Health Club MITS, where he acted as a Club President.
- Avinash Jain B. Tech 4th Year Attended webinar on Environment awareness during pandemic.

Students' Achievement

- Ankita Singh B. Tech 4th Year Got 2nd Rank in Quiz on "Life , Gratitude and Philosophy of Mahatama Gandhi“
- Ankita Singh B. Tech 4th Year Attended Five-day Workshop on "Disaster Risk and Modeling".
- Ankita Singh B. Tech 4th Year Participated in Two-day Workshop on "Data Structure".
- Ankita Singh B. Tech 4th Year Participated in 1 day workshop on "Let's make a TO DO LIST using Javascript".
- Ankita Singh B. Tech 4th Year Participated in “Placement Ready Program”.
- Ankita Singh B. Tech 4th Year Participated in Two-day workshop on "Application of Remote Sensing & GIS in Disaster Management".
- Ankita Singh B. Tech 4th Year Participated in One-Day workshop on "Recent Advancement in Science and Technology in India".
- Ankita Singh B. Tech 4th Year Successfully Completed 18 hours on "Artificial Intelligence Expert Certification".
- Ankita Singh B. Tech 4th Year Attended Finishing School Program (Online) on Energy Efficient Building (Planning, Design & Evaluation) and Pavement Design and Materials (Overview) and secured (A) Grade.
- Ankita Singh B. Tech 4th Year Participated in One-Day workshop on "Fundamentals of CFD".