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Dr. Shekhar Yadav

Assistant Professor, EED, MMMUT Gorakhpur

Speakers

The Eminent Speakers from academia like central universities, NITs & IITs and research organizations / industries has been invited for this FDP.

About University

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in the year 2013 by the Government of Uttar Pradesh in the form of a non-affiliating technical University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur which was established in 1962. In addition to UG in Civil Engineering, Chemical Engineering, Computer Science & Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering, Information Technology, University also offers B.Pharm, BBA, MBA, MCA, M. Tech, M.Sc. and Ph.D. courses in various specializations.



About Gorakhpur

The Gorakhpur is well connected by air, road and rail to all major cities Lucknow (270 KM), Varanasi (197 KM) and Patna (220 KM). Direct flights are also available from New Delhi to Gorakhpur. The MMM University of Technology is situated on Deoria road about 9 Km from Gorakhpur Junction and 5 Km from the Gorakhpur airport.

Faculty Development Program on Technological Advancements in Civil Engineering (TACE-2022) 05th Dec – 09th Dec, 2022

Course Conveners

Mr. Vinay Kumar Singh
Assistant Professor, CED
MMMUT Gorakhpur
(U.P.), India

Dr. Sneha Gupta
Assistant Professor, CED
MMMUT Gorakhpur
(U.P.), India

Jointly Organized by



**All India Council for Technical Education (AICTE),
New Delhi**

&



**Department of Civil Engineering
Madan Mohan Malaviya University of Technology
Gorakhpur-273 010, (U.P) INDIA
(NAAC "A" Grade)**

About TACE-2022

The Department of Civil Engineering is organizing one-week Faculty Development Program on **Technological Advancements in Civil Engineering (TACE-2022)**. The faculty development programme is intended to refresh the knowledge of academicians, research scholars and practicing engineers on Technological Advancements in Civil Engineering. The FDP will cover common areas of interest to cater the need of faculty and industrial members across various disciplines. This will focus an overview and new insights of the innovative methods and techniques that will be available, and open new doors for advancement and improvement in the different areas of the civil engineering. Smart structures and material technologies are a tool for sharing the knowledge of how various building materials can significantly increase production and profits. The objective of the programme is to up-grade the knowledge and skill of teachers employed in various disciplines of civil engineering with a special focus on modern technologies aspects.

Contents of the Course

The Course provides in-depth coverage on possibly few of the following areas:

- **Structural Engineering**
- **Geotechnical Engineering**
- **Bridge Engineering**
- **Soil Dynamics and Earthquake Engineering**
- **Smart Structures and Smart Materials**
- **Retrofitting Techniques**
- **Geo-Environmental Engineering**

Course Duration

One Week, December 05-09, 2022 (Offline Mode)

Eligibility Criteria

The program targets Faculty members and Research Scholars of **Civil Engineering from AICTE approved Institutions**. Limited to 50 participants on first come first served basis.

Registration Fee

There is no registration fee.

Registration & Address for Communication

The applicants are requested to get themselves registered through the following link:

<https://tinyurl.com/TACE-2022>

For any further query, you may contact:

Dr. Jay Prakash, registrar@mmmut.ac.in

Dr. Shekhar Yadav, syee@mmmut.ac.in

Mr. Vinay Kumar Singh, vksce@mmmut.ac.in

Dr. Sneha Gupta, sgce@mmmut.ac.in

Contact:

tace.mmmut.aicte.2022@gmail.com

+91 9235552358, +91 9235552354

Important Dates

Last Date to Apply: November 30, 2022

Note: All the participants from AICTE approved Institutions will be provided TA as follows:

For Faculties: (3rd AC sleeper class with max. distance of 300 KM)

For Research Scholars: (Non-AC sleeper class with max. distance of 300 KM)

All participants will be provided Hostel accommodation including Breakfast, Lunch, and Dinner.

Faculty Development Program on **Technological Advancements in Civil Engineering (TACE-2022)**

5th to 9th December 2022

(Sponsored by AICTE-MMMUT MoU Activities)

Application Form

1. Name (block letter):

2. Designation & pay scale:

3. Organization:

4. Address for communication:

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Pin code: Ph. No.

E-mail:

5. Highest Academic Qualification:

6. Specialization:

7. Experience (in years):

(a) Teaching:

(b) Industrial:

8. Accommodation Required (Yes/No):.....

Please register me for the course on **“TACE-2022”** held at MMMUT, Gorakhpur.

Place:

Date:

Applicant's Signature

Seal and Signature of Head of Institution



One Week FDP Program Under AICTE-MMMUT Activities
On
Technological Advancements in Civil Engineering 05th to 09th December 2022
Department of Civil Engineering
Madan Mohan Malviya University of Technology Gorakhpur U.P.



Tentative Program Schedule

Date	10.00 -12.00	11:45-12:00	12:00-14:00	14:00-15:00	15:00-17:00
05 /12/2022	Session-1 (Inauguration & Keynote Speech)	TEA-BREAK	Session-2 (Lecture 1) Advancements in Civil Engineering : Sustainability and Climate Change Challenges RKS	LUNCH-BREAK	Session-3 (Lecture 2) Selection and Evaluation Parameters for Design of Structure Foundations VPS
06 /12/2022	Session-4 (Lecture 3) Research on Amended Expansive Soils for Sustainable Design of Pavements. RKS		Session-5 (Lecture 4) Assessment of Dynamic Soil Properties KV		Session-6 (Lecture 5) Liquefaction Evaluation of Soil using Soft Computing Approach KV
07 /12/2022	Session-7 (Lecture 6) Use of Admixtures in Concrete RK		Session-8 (Lecture 7) Stability of Structures KKY		Session-9 (Lecture 8) Construction of Rigid Pavement PK
08 /12/2022	Session-10 (Lecture 9) Flyash Handling and Disposal Practices in Thermal Power Plant SKS		Session-11 (Lecture 10) Thin Shell Structures KKY		Session-12 (Lecture 11) Earthquake Resistant Design of Structures VA
09 /12/2022	Session-13 (Lecture 12) Provisions of new IS 875 part III and Application of Computational Wind Engineering SM		Session-14 (Lecture 13) Analysis of Sandwich Laminates AK		Session-15 (Evaluation Test and Feedback form from Participants) Closing Ceremony and Certificate Distribution

Speakers:

The Eminent Speakers from academia like central universities, NITs & IITs and research organizations / industries has been invited for this FDP.