



AICTE Training And Learning (ATAL) Academy

Sponsored

Online Faculty Development Programme (Virtual Mode)

on

Role of Green Technologies in Sustainable Development

November 22-26, 2021



Course Coordinator
Dr. Deepak Kumar

Organized By

**Department of Civil Engineering
University Institute of Engineering and Technology**

**Maharshi Dayanand University
Rohtak, Haryana**

(NAAC Accredited-A+ Grade)

Website:- www.mdu.ac.in, www.uetmdu.com

ABOUT MAHARSHI DAYANAND UNIVERSITY ROHTAK



Maharshi Dayanand University (A state Government University) came into existence by an act of the Haryana Legislative Assembly in 1976 with the objective to promote inter-disciplinary higher education and research in the fields of environmental, ecological and life sciences. The University is located at Rohtak in the state of Haryana - about 75 kms from Delhi on Delhi-Hisar National Highway (NH-10). It is well connected both by rail as well as road. The University campus is spread over an area of over 665.44 acres. Educational and research programmes are offered through its 36 departments. There are as many as 10 Teaching Blocks, 10 Hostels with another 10 under construction, an elegant Vivekananda Library with 6 off-shoots, the majestic Tagore Auditorium equipped with modern gadgetry and amenities. About 550 residential units are available for the faculty members and non-teaching staff. Over 490 Institutions/Colleges of general education, Engineering, Technology, Computer Sciences and Management Sciences are affiliated to the university.

ABOUT UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY



The University Institute of Engineering & Technology (UIET), M.D University Rohtak was established in the year 2005 with the aim of providing quality technical education in the emerging

fields of Engineering & Technology. The Institute offers six B.Tech programmes of 4 years duration in Mechanical Engineering, Electrical Engineering, Civil Engineering, Computer Science Engineering, Electronics Communication Engineering and Biotechnology. In a short span, the U.I.E.T. has become a preferred destination for B.Tech aspirants because of its good infrastructural facilities and excellent faculty compared with those of other institutes in the region. The institute has a very good and spacious workshop building of 1500 sq. mts which is the largest in Haryana. UIET have approximately 18000 sq. mts space costing about Rs 32 crore. Branch of Civil Engineering was introduced in year 2011 with an in take of 60 students per batch. The new building of Civil/Electrical Block, UIET is having all the modern teaching aids and facilities for students and teachers for improving their academics and research potential. The Institute is also selected for the TEQIP-II grant of the World Bank Project under sub component 1.1. The Technical Education Quality Improvement Program (TEQIP) aims to upscale and support ongoing efforts of Government of India for improving the quality of technical education and enhancing the existing capacities of the institutions to become dynamic, demand driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring both at National and International levels.

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

AICTE Training and Learning (ATAL) Academy is committed for the development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development, now Ministry of Education. The vision of AICTE is to empower faculty to achieve goals of Higher Education such as access, equity and quality. Council understands that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. The main objective of ATAL Academy is to plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging areas. It is pertinent to mention that World Book of Records London has appreciated and included AICTE Training and Learning (ATAL) Academy for conducting 1000 Online FDP's in Nine thrust areas being conducted in year 2020-21 providing training to about one lakh participants.

Visit ATAL Academy online at:

<https://www.aicte-india.org/atal>

ABOUT THE FDP

Department of Civil Engineering, UIET is organizing one week Faculty Development Programme (FDP) on Role of Green Technologies in Sustainable Development. The aim of this workshop is to discuss various aspects of green technologies in sustainable development and their impact. Scope and objectives in this programme are -

- Sources of wastes and their recycling methods
- Waste technology
- Soil-water contaminant interaction
- Solid and hazardous waste management
- Contaminant transport modeling
- Ground Response Analysis
- Wealth from waste
- E-waste disposal methods
- Waste management
- Leachate characteristics and treatment methods
- Sustainable construction practice for Foundation.
- Applications of Industrial By-products and Geo-material characterization
- Contaminant transport through porous media
- Remediation of contaminated soils
- Role of green building in environmental sustainability
- Energy efficiency in green buildings
- Swelling, shrinkage and Cracking Characteristics of Soil
- Environment friendly techniques to control waste

ELIGIBILITY & HOW TO APPLY

Faculty members, research scholars, PG students belonging to AICTE approved technical Institutions of state Universities/central universities/private universities can participate in the programme. A few Engineers, Technologists, Entrepreneurs related to green technologies in sustainable development of environment can also participate.

The eligible and interested faculty members from academia are required to register themselves online for the course on the ATAL Academy link : ATAL - AICTE Training And Learning (ATAL) Academy (<https://atalacademy.aicte-india.org>), State: Haryana, Month: November, Thrust Area: Role of Green Technologies in Sustainable Development reaches on or before November 18th, 2021.

Registration link: <https://atalacademy.aicte-india.org/login>

Application no: 1614582282

COURSE FEE

There is no registration fee for eligible participants of AICTE approved institute. As seats are limited, it shall be on a first come first serve basis.

IMPORTANT DATES

Last date for receipt of duly filled application form:

November 18th, 2021

Finalization of list of selected participants:

November 20th, 2021

*Participation stands cancelled if confirmation email from the selected participants is not received by **November 20th, 2021**. Seats, if so vacant, will be offered to other eligible applicants*

TEST AND CERTIFICATE

A test will be conducted by the coordinator at the end of the program, and the certificate shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test, and submitted feedback form. E-certificate will be provided after successful completion of FDP by AICTE.

FOR FURTHER ENQUIRY

Dr. Deepak Kumar +91-8059385333

Er. Isha +91-9812188155

Sh. Parveen Budhwar +91-9729411266

ORGANIZING COMMITTEE

WORKSHOP COORDINATOR

Dr. Deepak Kumar, CE, UIET, MDU, Rohtak

Mob. No. +91-8059385333 | **Email ID:** 21deepakverma@gmail.com

ORGANIZING SECRETARY

Er. Isha, CE, UIET, MDU, Rohtak

Mob. No. +91-9812188155 | **Email ID:** isha.uiet@mdurohtak.ac.in

CHIEF PATRON

Prof. Rajbir Singh

Honorable Vice Chancellor, Maharshi Dayanand University, Rohtak

PATRON

Prof. Nov Rattan Sharma

Dean Academics Affairs, M.D. University, Rohtak

Prof. Gulshan Lal Taneja

Registrar, M.D. University, Rohtak

CHAIRMAN

Prof. Yudhveer Singh

Director, UIET, MDU, Rohtak

PROGRAM CHAIR

Prof. Vineet Singla

Professor, UIET, MDU, Rohtak

ADVISORY BOARD

- **Prof. Baldev Setia**, Director, Punjab Engineering College, Chandigarh
- **Prof. S. N. Sachdeva**, Vice Chancellor, Kurukshetra University, Kurukshetra
- **Prof. Surinder Deshwal**, NIT, Kurukshetra
- **Prof. S. K. Patidar**, NIT, Kurukshetra
- **Prof. B. J. Alappat**, IIT, Delhi
- **Prof. J. T. Sahu**, IIT, Delhi
- **Prof. Rahul Rishi**, UIET, MDU, Rohtak
- **Prof. Prabhakar Kaushik**, UIET, MDU, Rohtak
- **Prof. Ashwani Dhingra**, UIET, MDU, Rohtak
- **Prof. Manvinder Gahlout**, UIET, MDU, Rohtak
- **Prof. Vikas Garg**, Central University, Mahendargarh
- **Dr. Deepak Chabra**, UIET, MDU, Rohtak
- **Dr. Hardeep Rai Sharma**, Kurukshetra University
- **Dr. A. K. Haritash**, Delhi Technical University, Delhi
- **Dr. Arbinda Sharma**, Gangadhar Meher University, Odisha

ORGANIZING COMMITTEE MEMBERS

Er. Anu Jangra

Er. Vineet Dhawan

Dr. Rajesh

Dr. Kamna

Dr. Renu Nandal

Dr. Manjit Kaur

Dr. Vipin Saini

Dr. Vikas Siwach

Dr. Surinder

Dr. Dheeraj Khurana

Dr. Neha Khurana

Dr. Garima Chopra

Dr. Chanchhal

Dr. Chhavi Rana

Er. Amita Dhankar

Dr. Seema

Dr. Kavita

Dr. Savita Khatri

Dr. Surender

Dr. Sunita Dhingra

Dr. Yogesh

Dr. Sunil Chhikara