

Course Coordinators

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Registration Fees

- Participation from Industry : Rs. 2,500/-
- Institutional Participants : Rs. 1,500/-
/ Faculty Members
- Students and Research Fellows : Rs. 1,000/-

Overview and Course Objectives

ICT can play a significant role in highlighting risk areas, vulnerabilities and potentially affected populations by producing geographically referenced analysis through, for example, a geographic information system (GIS). The importance of timely disaster warning in mitigating negative impacts can never be underestimated. For example, although damage to property cannot be avoided, developed countries have been able to reduce loss of life due to disasters much more effectively than their counterparts in the developing world. A key reason for this is the implementation of effective disaster warning systems and evacuation procedures used by the developed countries, and the absence of such measures in the developing world. In present era, ICT playing an important role in management of the complete disaster management cycle. ICT has been proven a important tool in every type of disaster i.e. flood, earthquake, landslide, chemical, biological, draught etc.

About MNIT



Malaviya National Institute of Technology (MNIT) Jaipur is one of the NITs established by Ministry of Human Resource Development (MHRD), Government of India (GOI). Earlier, the Institute, known as MREC Jaipur, was established in 1963 as a joint venture of the GOI and the Government of Rajasthan. Later in 2002, the college was given the status of National Institute of Technology, and on 15 August 2007, proclaimed Institute of National Importance through Act of Parliament. MNIT campus spreads over 325 acres of lush green area in the prime location of Jaipur city. Last year, the Institute celebrated 50 years of teaching and excellence by organising nearly 800 events in its Golden Jubilee year. At present, in addition to the research, consultancy and developmental activities, the Institute offers UG and PG level courses (M.Tech./M.Sc. & Ph.D.) to about 4500 students in almost all leading fields of engineering, technology, management and sciences.

How to Reach MNIT

Jaipur is well connected by road, rail and air services. MNIT is situated on Jawaharlal Lal Nehru (JLN) Marg and is about 9 kms from main-railway station as well as Central Bus Stand (Sindhi Camp) of Jaipur. Airport (located at Sanganer) is about 5 kms away from the institute.

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR



ANNOUNCES

TEQIP-III & EICT Academy, MNIT supported

5 days FDP

On

ICT in Disaster Management

3-7 June, 2019



Jointly Organised by

Department of Chemistry and National Centre for Disaster Mitigation and Management, Malaviya National Institute of Technology, Jaipur, J.L.N. Marg, Malviya Nagar, Jaipur-302017 (Raj.)

About NCDMM and Chemistry Deptt.

National Centre for Disaster Mitigation and Management is an Academic Centre of the Institute, approved by the Board of Governors (27th Meeting of the Board of Governors held on 7 October 2013). The Centre will work for disaster mitigation and management in India in general, and earthquake safety. The activities of the centre include experimental and analytical Research & Development and training of both academics and students of other universities and institutions in India as well as practitioners. Presently the centre has 10 Adjunct Faculty Members with Ph. D. degrees in relevant disciplines such as earthquake engineering, management and instrumentation. Chemistry department was introduced in 1963. This department offers 2-years M.Sc. programme and full time & part time Ph.D.

Benefits of Attending the Course

After successful completion of course, a candidate will be conversant with use of ICT tools in disaster management. They will be aware to use GIS and Remote sensing, Satellite communication, HF/UHF/HAM Radio. The candidate will be able to carry out activities with states and other institutions working in the area of disaster management to assist their needs and new research in the area.

Course Contents

- Disaster Management an Introduction and Institutional framework in India
- Importance of ICT in Disaster Risk Management (DRM) and Disaster resilient ICT infra
- Mechanism, for alternative communication – Satellite, HF, UHF, VHF and Amateur Radio
- ICT for Early Warning System
- ICT Initiatives for Disaster Risk Management (DRM) in India by NDMA

- Geospatial Technologies in Disaster Management – Planning, preparedness and mitigation
- ICT for Disaster Response - Tracing Missing Persons, Coordinating Donor Groups, Recording the Locations of Temporary Camps and Shelters
- Concept of Integrated EOC and decision support system
- Crowd Management by use of ICT network (CCTV)

Experts

Highly learned and experienced persons from MNIT, Jaipur, National Disaster Management Authority, DGFASLI, CDOT, ESRI, Department of Telecommunication will deliver talks on the subject.

Who Should Attend?

This course is aimed at engineers, faculty of engineering at Degree / Diploma levels, PG students, Research Scholars, practicing engineers in government & industry of various disciplines, who intend to learn and/or teach the use of ICT in the domain of disaster management. Persons from Electronics, IT, Civil and Environmental Studies and Science background or working in the area of DM are eligible to attend the course.

Important Dates & Address for Correspondence

Last date of Registration with Fees: 30 May 2019
Intimation of confirmation :1 June 2019

Address for Correspondence

Dr. Meena
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REGISTRATION FORM

FDP on ICT in Disaster management

Full Name: _____

Designation: _____

Department: _____

Organisation: _____

Experience (in years)-Teaching: ____ Industry: ____

Address of Correspondence:

_____ Pin Code:

_____ Phone: _____

Mobile No.: _____ E.mail: _____

Registration Category: (Please Tick)

- Participants from Industry
 Students & Research Scholars
 Institutional Participants / Faculty Members

Details of Registration Fee:

Name of Bank & Branch _____

NEFT Tr. / DD No.: _____ Dated: _____ for Rs. _____

(Note: DD should be drawn in favour of "Registrar, MNIT Jaipur" payable at Jaipur OR for NEFT transfer: A/c No. : 36875887782, Bank: SBI, Branch: MNIT Campus Jaipur, IFSC Code: SBIN0015921.

Date: _____ Signature of Participant

The applicant is hereby sponsored and will be permitted to attend this STTP.

Signature and stamp of the Sponsoring Authority
(Please post/email your completely filled registration form along with DD/NEFT details)