

VNR Vignana Jyothi Institute of Engineering & Technology, Bachupally, Hyderabad

(An Autonomous Institute)

DEPARTMENT OF CIVIL ENGINEERING

CENTRE OF EXCELLENCE IN DISASTER MITIGATION (CoEDM)

About the Centre:

Center of Excellence in Disaster Mitigation (*CoEDM*) is proposed to be established in Department of Civil Engineering at VNRVJIET with the aim of conducting Educational Program, Research and Training on Disasters, Disaster Vulnerability and their Mitigation. The centre is a multidisciplinary Research and Education centre. Main aim of the Centre is to undertake the activities of research and development on Understanding, Mitigating Natural disasters like Floods, Cyclones, Earthquakes, Tsunamis, Landslides and Manmade disasters like Chemical hazards, Biological hazard, Fire accidents and related challenges. The Centre aims to achieve excellence in key areas of education and research in the related areas of Disaster Mitigation at par with national and international standards. The centre has faculty with domain expertise in Earthquake, Landslide, Cyclones, Floods, Tsunamis and related issues.

Objectives of the Centre:



- The main aim of the Centre is to undertake the activities of Research and development on Understanding, Mitigating disasters like Floods, Cyclones, Earthquakes, Tsunamis, Fire accidents, Landslides, Chemical hazards, Biological hazard, Fire accidents and related challenges.
- To provide platform to share the expertise and disseminate the knowledge of various team members, Research and Government agencies.
- Research and consultancy projects are to be carried out through sponsored funding from Govt. of India and other National and International funding agencies.

Activities

- ▶ Identifying the Thrust Areas
- ▶ Formation of Technical Advisory Board
- ▶ Identification of Institutions for MOUs
- ▶ To conduct National/International workshops/Conferences/Training programs.
- ▶ To prepare project proposals to funding agencies
- ▶ Preparation of Half-yearly News Bulletin
- ▶ To Attract research scholars to work with CoE
- ▶ Plans to generate revenue through Commercial arm and become self sustaining entity.
- ▶ To fill Knowledge gap, offer technological solutions to Industry / Nation / Society, develop high quality human resources and there by become Internationally recognized Centre.

Advisory Board

S.No	Name & Designation of Expert	Organization	Subject area of expertise
1	Dr. K. V. L. Subramanyam Dean, Department of Civil Engineering	IIT, Hyderabad	Structural Engineering
2	Dr. Pradeep Kumar Ramancharla Dean, Earthquake Engineering Research Centre	IIIT, Hyderabad	Earthquake Engineering
3	Dr. N.V.Uma Mahesh Professor, Department of Civil Engineering	NIT, Warangal	Water Resources Engineering
4	Dr. V. Bhanumurthy Group Director, Disaster Management Support Division	NRSC,ISRO Hyderabad	Remote Sensing
5	Dr. K.Srinivasa Raju Professor, Department of Civil Engineering	BITS, Hyderabad	Drought Monitoring
6	Dr.Satish Shenoi Scientist ,INCOIS	INCOIS, Hyderabad	Tsunamies, Cyclones

S. No	Theme of the work shop	Date and Duration	Target Group	Experts invited -topic
1	<p>National Workshop on “Disaster Preparedness, Management and Risk reduction” (DPMR)</p>  	<p>09.12.2013 (1 Day)</p>	<p>Participants from Industry , Academia and students</p>	<p>1.V Bhanumurthy, Group Director Disaster Management wing,NRSC,ISRO, Hyderabad Role of Technology in Disaster Management 2.Ch. Patanjali Kumar Scientist, Indian Tsunami Early Warning Centre INCOIS, Hyderabad Indian Tsunami Early Warning System 3. A.A.F.Vijay Kumar District Fire Officer A.P.Fire Services & Civil Defense Training Institute, Hyderabad Fire Safety 4.Dr.R.Pradeepkumar Professor,Earthquake Engineering,IIT,Hyderabad Indian Seismic code</p>