

International Expert Talk on Geospatial Technologies for Disaster Monitoring and Creating Vulnerability Database on the occasion of International Day for Disaster Reduction

The Department of Civil Engineering, Faculty of Engineering and Technology (FET), Manav Rachna International Institute of Research and Studies (MRIIRS), is organising an Expert Talk on "Geospatial Technologies for Disaster Monitoring and Creating Vulnerability Database" on the occasion of "International Day for Disaster Reduction" on October 13, 2021. The speaker of the Expert Talk was Prof. (Dr.) Nitin Kumar Tripathi. Prof. Tripathi is currently working as an Professor of Geoinformatics and Remote Sensing, School of Engineering and Technology, Asian Institute of Technology (AIT), Thailand. He is also serving as a Director of Special Degree Programs. Prof. Tripathi started his talk by explaining the Three Pillars of Sustainability with SDG 2030. He emphasized on urbanisation of Bangkok, which somehow decreasing the life of the community. Prof. Tripathi focused on the various objectives required for disaster monitoring and creating vulnerability database. He also shared his research experience on the usage of Geospatial Techniques in the detection of disaster at Bangkok, followed by the similar approach he adopted in Lucknow. He concluded the session by showcasing the importance of Remote Sensing and GIS Techniques for Future Land Use and Land Cover Scenarios, development of some policies to convert barren or unused land into green covers and need of Ecological Sustainable Cities for better health of the society.

