

SHORT COURSE ON GEOTECHNICAL AND STRUCTURAL ENGINEERING

08th -10th March, 2018

ABOUT:

This short course was planned for design and construction engineers, project managers, faculty members and students.

The key speakers were:

1. Dr. Sandeep Chaudhary, Associate Professor, Head, Discipline of Civil Engineering, IIT Indore.
 2. Dr. Neelima Satyam. D, Associate Professor, Discipline of Civil Engineering IIT Indore.
 3. Dr. Lalit Borana, Associate Professor, , Discipline of Civil Engineering, IIT Indore
- Followed by eminent speakers in Geotechnical Engineering and Structural Engineering also delivered technical lectures during the short course.

1. Prof. Nagpal, IIT Delhi
2. Dr Sandeep Srivastav, MNIT Jaipur
3. Dr. Azad Jain, M.D, Azad Jain and Associates, Architecture company, Indore, M.P





Dr. Azad Jain



Topics covered:

- Building information modelling
- Building material characterization & testing
- Earthquake resistant design of buildings
- Geotechnical investigations for infrastructure projects.
- Ground improvement techniques
- Liquefaction hazard assessment
- Modelling for soil structure interaction.
- Non destructive techniques
- Precast and prefabricated construction
- Recent updates on IS design codes
- Site specific ground response analysis & estimation of local site effects
- Steel concrete composite construction

The short course was held to aware the participants with current advances in both geotechnical and structural engineering from industry perspective to enrich them with the advances and updates in technology.