

## ORGANIZING COMMITTEE

### **Chairman**

**Dr K Prakasan**, Principal Incharge  
PSG College of Technology

**Dr Atul Bora**, Principal  
Assam Engineering College

### **Convenors**

**Dr G Sankarasubramanian**  
Professor & Head  
Department of Civil Engineering  
PSG College of Technology

**Dr Palash Jyoti Hazarika**  
Professor & Head  
Department of Civil Engineering  
Assam Engineering College

### **Organizing Secretaries**

**Dr K Elangovan**  
Professor

**Mr S Praveenkumar**  
Assistant Professor (Sr.Gr.)

Department of Civil Engineering  
PSG College of Technology

## ABOUT THE FDP

A disaster is a natural or manmade event which results in widespread human loss, loss of livelihood, property and life. 59% of India is vulnerable to earthquakes. Of these, 12% is vulnerable to severe earthquakes. 68% land is vulnerable to drought. 12% land is vulnerable to floods. 8% land is vulnerable to cyclones. Apart from natural disasters, some cities in India are also vulnerable to chemical, industrial disasters and man-made disasters.

Widespread damage to property and loss of life is common due to these disasters. In developed countries, the damage to property and loss of life is very minimum but this is not the case in India. Disaster Preparedness and Planning Management is a Professional core course in the engineering curriculum. Hence it is necessary to provide awareness about the disasters and reducing the risk due to these disasters, to the faculty working at engineering colleges as part of capacity building to manage and mitigate the effects of disasters.

## TOPICS TO BE COVERED

- Types of Disasters and Vulnerability profile of India
- Weather related disasters like cyclone, flooding, tsunami and drought
- Earthquake and its effects
- Causes, effects and prevention of landslides
- Fire related disasters
- Electricity related disasters
- Artificial disasters like chemical spills, pollution, traffic accidents, nuclear radiation
- Roles and responsibilities of government, community, local institutions, NGOs and other stakeholders
- Disaster impacts (environmental, physical, social, ecological, economic, political, etc.)
- Policies and legislation for disaster risk reduction
- Activities of National Disaster Management Authority in India
- ICT imitative for disaster risk reduction
- Case studies and demonstration

## RESOURCE PERSONS

1. **Dr Palash Jyoti Hazarika**, Profesor & Head of Civil Engineering, Assam Engineering College, Guwahati
2. **Dr Jayanta Pathak**, Professor, Department of Civil Engineering, Assam Engineering College, Guwahati
3. **Dr Bipul Talukdar**, Associate Professor, Department of Civil Engineering, Assam Engineering College, Guwahati
4. **Dr Diganta Goswami**, Associate Professor, Department of Civil Engineering, Assam Engineering College, Guwahati
5. **Dr S Balachandran**, Deputy Director General of Meteorology, Regional Meteorological Centre, Chennai
6. **Dr G R Dodagoudar**, Professor, Geotechnical Division, Department of Civil Engineering, IIT Madras, Chennai
7. **Dr G P Ganapathy**, Director, Centre for disaster mitigation and management, VIT University, Vellore
8. **Dr G Madhu**, Professor, Chemical Engineering, Cochin University of Science and Technology, Cochin
9. **Dr G Ramasamy**, Formerly Professor of Civil Engineering, IIT Roorkee (Presently Distinguished Professor of civil engineering, Builders Engineering College, Kangayam Taluk, Tirupur District)

**PSG College of Technology**  
**Coimbatore-641004**



**TEQIP III Sponsored**  
**Faculty Development Programme**

**on**

**“Disaster Risk Management”**

**November 10-16, 2019**



**Organized by**



**Department of Civil Engineering**  
**PSG College of Technology**  
**Peelamedu, Coimbatore-641004**

**In collaboration with**



**Assam Engineering College, Guwahati**

## REGISTRATION DETAILS

### **Important Dates to Remember:**

Last date for registration : 28 – 10– 2019

Intimation date (through website) : 30 –10 – 2019

### **How to apply?**

Registration for the FDP can be made by sending the duly filled registration form along with Demand Draft drawn in favor of “PSG CNCE” payable at Coimbatore.

### **Registration fee: Rs. 1000/-**

The participants should send their registration form in the specified format to reach us on or before 28-10-2019

The registration fee includes cost towards course material, lunch, and refreshment.

*The fee paid will not be refunded under any circumstances for the selected participant*

### **Registration**

Limited to 50 participants on first-come-first served basis.

\*Attendance is compulsory for all the days of the FDP.

## EXPECTED PARTICIPANTS

**Faculty and research scholars working in Engineering colleges**

## ACCOMODATION

Accommodation will be provided based on availability.

### **The duly filled Registration form is to be sent to:**

**Dr K Elangovan**  
**Professor**

Email id: [ela.civil@psgtech.ac.in](mailto:ela.civil@psgtech.ac.in)

Mobile no: 9443823401

**Mr S Praveenkumar**

**Assistant Professor (Sr.Gr.)**

Email id: [spk.civil@psgtech.ac.in](mailto:spk.civil@psgtech.ac.in)

Mobile no: 9894861585

Department of Civil Engineering

PSG College of Technology

Coimbatore - 641 004

[www.psgtech.edu](http://www.psgtech.edu)

## ABOUT THE COLLEGE

PSG College of Technology, established in 1951, is one of the many educational institutions nurtured by PSG & Sons' Charities Trust. The college is Government-Aided, Autonomous, ISO 9001 2008 certified and affiliated to Anna University. Equipped with latest facilities and excellent infrastructures, the college offers a total of 48 full-time and part-time programmes in Science, Engineering and Management at UG & PG levels. The institution has a strong alumni base, most of them occupying coveted positions in many educational, industrial and research organizations all over the world. Currently more than 520 research scholars, both full-time and part-time, are working for their Ph.D. degree. The College has developed 25 Centres of Excellence in various disciplines. More research facilities have been created in tie-up with numerous leading industries worldwide.

## ABOUT THE DEPARTMENT

The Department offers one undergraduate programme in Civil engineering and two post graduate programmes in Structural Engineering and Infrastructure Engineering. The department has conducted many international conferences and national conferences and several short-term refresher courses, AICTE sponsored summer / winter schools besides consultancy work. International Conference EQADS 2011 on Earthquake Analysis & Design of Structures and SCACT 2012 on Sustainability Challenges and Advances in Concrete Technology have been organized. The department has expert faculty and excellent computational and experimental facilities. Several PhD degrees have been awarded and currently 15 students are pursuing their research work in the department. Many sponsored research projects have also been completed. The department has received laboratory enhancement grant and library grant under National Programme on Earthquake Engineering Education (NPEEE).

**DEPARTMENT OF CIVIL ENGINEERING**  
**PSG COLLEGE OF TECHNOLOGY**  
**COIMBATORE – 641 004**  
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**GUWAHATI**

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## REGISTRATION FORM

Name (in Block Letters): .....

Date of birth & Age: .....

Gender : .....

Category : OC/BC/BCM/MBC/DNC/SC/ST

Qualification : .....

Experience (if any) : .....

Designation & Dept. : .....

Organization : .....

Address for : .....

Communication:

Office No. :..... Mob No. :.....

Email Id:.....

Demand Draft No. & Bank: .....

Amount in Rs.

:.....

## **DECLARATION BY THE CANDIDATE**

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place:

Date:

Signature of the participant