



Prof. CHANDRASEKARAN S S

He is Professor at School of Civil Engineering, VIT Vellore. He has obtained Ph.D from IIT Madras. He has carried out research projects on landslides sponsored by DST and ISRO. He is Chairman of Indian Geotechnical Society (IGS) – Vellore Chapter, and Representative to the Board of International Consortium on Landslides (ICL).



Prof. GANAPATHY G P

He is Director at Center for Disaster Management and Mitigation, VIT Vellore. He acts as member State Disaster Management Plan Core group, Government of Tamil Nadu and invited member of Working Committee on Landslide Hazard Mitigation, NDMA Govt of India. He handled 10 funded research projects and over 30 Consultancy projects on Disaster Mitigation.



Dr. MUTHUKUMAR M

He is Associate Professor at School of Civil Engg., VIT Vellore. He is the recipient of Young Scientist fellowship from Govt of Tamil Nadu. He acts as Secretary of Indian Geotechnical Society (IGS) – Vellore Chapter. His research interests are ground improvement techniques, liquefaction mitigation and geosynthetics.



Dr. SREEVALSA KOLATHAYAR

He is Associate Professor, School of Civil Engg., VIT Vellore. He pursued M.Tech from IIT Kanpur, Ph.D. from IISc and served as International Research Staff at UPC Spain. He authored three books. He received 'DK Paul Research Award' by ISET IIT Roorkee and 'South India's Most Inspiring Young Teacher Award' by The New Indian Express.

VENUE

CDMM 113, VIT Vellore.

DATE & TIME

22nd March 2019/ 9.30 am - 5.00 pm

COORDINATORS

Dr. M Muthukumar & Dr. Sreevalsa K
Associate Professors, SCE

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ACCOMMODATION

The participants can avail accommodation in hostel at the cost of ₹ 325/person/night in a sharing type room.

REGISTRATION

To register for the program, please fill the below form on or before **20th March 2019**.

Registration is open until seats are filled. Payment should be made through online using the link below.

<http://info.vit.ac.in/Events-VIT/hazards/apply.asp>

or Scan QR Code



ONE DAY WORKSHOP ON EARTHQUAKE HAZARDS RISK AND MITIGATION

ADVANCES IN GEOTECHNICAL
EARTHQUAKE ENGINEERING

22nd MARCH 2019



Organized by
School of Civil Engineering
VIT
Vellore Institute of Technology
(Established by the University under section 7 of UGC Act, 1956)
Vellore - 620014, Tamil Nadu, India

In association with
Indian Geotechnical Society Vellore Chapter
Indian Society of Earthquake Technology

ABOUT VIT



Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G.Viswanathan. VIT attracts students from all the 29 states of India and more than 41 different countries because of its academic excellence. The credentials of VIT in academics and research, has placed VIT in the 13th position among the engineering institutions in India by NIRF, Govt. of India Ranking. The world ranking body namely the QS has given 4 STAR rating to VIT. In addition to this, the consortium of industries, FICCI has adjudged VIT as the "Excellence in Faculty". VIT has also completed 3 cycles of NAAC accreditation and has been rated as "A" grade institution. In addition, VIT also has obtained for the coveted ABET accreditation by US agency. VIT has introduced many innovations in academic processes which add value to every student such as FFCS (Fully Flexible Credit System), PBL (Project Based Learning) for better learning and fully digitized academic portals that assist students in equipping themselves for 2020 market place.

ABOUT SCE

The School of Civil Engineering (SCE) is a part of VIT since its inception. The School has grown tremendously over years and is now recognized as one of the major engineering schools in VIT. The School has more than 50 faculty members from various reputed institutes such as IITs, IISc etc. Besides high quality teaching and instruction at both UG and PG levels, the faculty members of the school are actively involved in executing a number of R&D and consultancy projects from government agencies including DST, ISRO, DBT, AR&DB and many reputed industries. The School with its multifaceted faculty continues to maintain and cultivate its strong links with the infrastructural industry such as L&T, HCC, DLF, RAMCO, CCCL, Godrej, TATA Consultancy, etc. The Department is equipped with state of art laboratories and softwares.

ABOUT THE WORKSHOP

This workshop is organized with the objective of helping faculty members, researchers, industrial professionals and students to enhance their fundamental knowledge as well as practical concepts in the area of earthquake hazard analysis, risk assessment and mitigation strategies with focus on geotechnical engineering. The workshop includes technical sessions by eminent experts who are authority in the subject. The workshop will provide an opportunity for networking and future collaborations. With case studies and discussions along with the lecture sessions, the workshop is planned to be more interactive.

TOPICS TO BE COVERED

- 1)Engineering Preparedness for Earthquake Hazard Mitigation
- 2)Estimation of earthquake hazards: Deterministic and probabilistic approaches
- 3)Geo-spatial Applications in Earthquake Damage Scenario Analysis.
- 4)Static and Dynamic Response of Laterally Loaded Piles
- 5)Ground improvement techniques for liquefaction mitigation

REGISTRATION FEE

- Students and Research Scholars from VIT - ₹ 300/-
- Students, Research Scholars and Faculty members from other institutes - ₹ 500/-
- Practicing Engineers - ₹ 750/-

RESOURCE PERSONS



Prof. T G SITHARAM

He is senior Professor in Civil Engineering at IISc Bangalore, Chairman of AICTE Southwestern zonal Committee and President Elect, Indian Society of Earthquake Technology (ISET). He acted as Chairman of Working Committee of Experts formed by NDMA Govt of India to prepare guidelines on geotechnical investigations for microzonation. Prof. Sitharam has over 500 papers, 10 books and several awards to his credit.