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Dr. K Rajeswara Rao, Dean (Civil Infrastructure)

Dr. DR Prasada Raju, Dean (Faculty Development)

Dr. K Suryanarayana, Professor, Civil Engineering

Prof. P Markandeya Raju, Professor, Civil Engg

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ORGANIZING SECRETARY

Dr. G Partheepan, Assoc. Prof, Civil

ORGANIZING JOINT SECRETARY

Mr. Rajendra Prasad Singh, Asst. Prof, Civil

ORGANIZING MEMBERS

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Mr. BV Joga Rao

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Mr. W Sai Deepak

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Mr. K Santosh Kumar

Mr. K Anil Pradeep

Ms. T Jahnavi

Ms. D Praseeda

Mr. K V Rao

Mr. B Jagadeesh

Mr. K Rajasekharam

WHO CAN ATTEND?

Faculty Members, Research Scholars, PG students, academicians from fields and Research & Development organizations can also attend this seminar.

HOW TO APPLY?

The completed registration form along with the registration fees (**Rs. 500/- paid through a Demand Draft in Favor of "Principal, MVGR College of Engineering" payable at Vizianagaram**) must be send to "Department of Civil Engineering", MVGR College of Engineering, Vizianagaram-535005.

ACCOMMODATION

Accommodation and local hospitality will be provided to candidates from outstation at Hostel for a nominal fee.

IMPORTANT DATES

Last date for the submission of forms: **24.11.2017**

Intimation of selected candidates: **25.11.2017**

CONTACT PERSONS

Dr. G Partheepan, Associate Professor

Mr. R. P. Singh, Assistant Professor

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MVGR College of Engineering (A)
Vizianagaram, Andhra Pradesh - 535 005

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Two Day National Seminar on Structural Reliability

08 - 09th December, 2017



Organized by

Department of Civil Engineering

MVGR College of Engineering (A)

Vizianagaram, Andhra Pradesh-535 005

www.mvgrce.com

ABOUT THE SEMINAR

ABOUT MVGR

Maharaj Vijayaram Gajapathi Raj College of Engineering was established in the year 1997 under the aegis of educational trust MANSAS (Maharaj Alak Narayana Society of Arts and Sciences) founded by Late Dr. PVG Raju, Raja Saheb of Vizianagaram. The college is located at Chintalavalasa, Vizianagaram, 45 min drive from Visakhapatnam and 10 min drive from Vizianagaram. The college offers 7 B.Tech programmes & 8 PG programmes (M.Tech and MBA) in Structural Engineering, VLSI, CSE, CNIS, Power systems and Business Administration. Five of the departments have been recognized as a research centre by JNTUK. The college is gifted with serene atmosphere amidst green plantation. The institute is putting its untiring efforts to attain the objective of imparting quality technical education. The institute in addition to curricular programs constantly strives to update its faculty and students with emerging and most recent developments in various disciplines through industry-academy interactions by conducting International and National Conferences, Workshops, Seminars, Add-on Courses and Guest Lectures. The Institute has 19 sponsored research projects from DST, AICTE, UGC, IEI and ICSSR. The Institute has student chapters of professional bodies such as IEI, IEEE. Recognized as "Centers of Excellence" by PTC for Creo and Windchill training, VIRTUSA for PEGA training, MICROSOFT under Ed-vantage Program, WIPRO for its WIPRO MISSION 10X Technology Learning Center (MTLC), TCS for its Academic Interface Program (AIP), SIEMENS for Digital Manufacturing. The college is recognized as a "Business Incubator" by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India and Skill Development Center by AP State Skill Development Corporation.

ABOUT THE DEPARTMENT



Department of Civil Engineering was established in the year 2009 offers B.Tech in Civil Engineering and M.Tech in Structural Engineering. The UG Program is accredited by NBA, AICTE. The Department has state of the art infrastructure & well equipped laboratories. 27 well qualified strong team of faculty with a blend of industry, R&D and teaching experience with varied specializations offer teaching-learning services. Among which 6 are doctorates, 22 are post graduates and 5 currently pursuing their doctoral research. The department has a dedicated Computer Centre & Research Centre promoting active research. The department has certified competency for skill development leading to award of certification in Remote Sensing and STAAD.Pro in collaboration with Indian Institute of Remote Sensing (IIRS) and Bentley. The faculty of the department have more than 100 quality research publications in journals of international repute. The department offers consultancy services to various Government and Private organizations like GVMC, Vizianagaram Traffic Police, AP Road Safety Department, CPWD, Visakhapatnam Urban Development Authority, SPCB Vizianagaram.

The proposed seminar provides an understanding of the concept of structural reliability and its definitions in the context of structural engineering. The objective of this seminar is to offer the participants with a comprehensive understanding of the important concepts, which form the foundation for performing reliability and risk analysis of any structure or structural element. Structural reliability aims at computing the probability of failure of systems due to uncertainties in their design, material, construction and environmental conditions. Traditionally structures are designed by assuming that all loads and strengths are deterministic but reality is something else. The seminar objectives are:

- Create awareness on latest trends on probabilistic analysis of structure.
- Provide hands on experience of quantification of structural reliability such as statistical measurement, uncertainty and risk assessment
- Provide understanding of assessment methodologies that could be applied to a new or in an already existing structure.

RESOURCE PERSONS

Dr. B Nageswara Rao, Professor, IIT Madras

Dr. S K Barai, Professor, IIT Kharagpur

Dr. Sayan Gupta, Assoc. Professor, IIT Madras

Dr. DK Mohanta, Professor, BIT Mesra

Dr. KVG Balaji, Professor, GITAM University

Dr. S Chandramouli, Prof and HoD, MVGR

Dr. P Markandeya Raju, Professor, MVGR