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Sri. M.Krishna Murthy  
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CEO, Vasavi College of Engineering

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Dr. M.V.Rama Rao,  
Professor, Department of Civil Engineering, VCE

Sri M. Bhasker,  
Associate Professor, Dept. of Civil Engineering, VCE

### **PROGRAMME COORDINATOR**

Dr. C. Mohan Lal  
Associate Professor, Dept. of Civil Engineering

### **COORDINATION COMMITTEE**

Dr. M. Srinivas, Assoc. Prof. CED

Dr. T. Srinivas, Assoc. Prof. CED

Sri. S.Vijaya Kumar, Assoc. Prof. CED

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### **RESOURCE PERSONS**

**Dr. Vasant Matsagar, Dogra Chair Professor**  
Department of Civil Engineering, IIT Delhi

**Dr. Pradeep Kumar Ramancharla, Professor**  
Earthquake Engg. Research Centre, IIIT Hyderabad

**Dr. Anil Agarwal, Assistant Professor**  
Department of Civil Engineering, IIT Hyderabad

**Dr. Vaibhav Singhal, Assistant Professor**  
Dept. of Civil & Environmental Engg, IIT Patna

**Dr. M.V.N. Siva Kumar, Assistant Professor**  
Department of Civil Engineering, NIT Warangal

**Dr. K. Gopi Krishna, Assistant Professor**  
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**Er. Jaweed Jilaani Khan, CEO**  
M/s Metropro Engg. Consultants India Pvt Ltd., Hyd.

### **Address for Correspondence**

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### **WHO CAN ATTEND?**

The course will be beneficial to:

- Faculty members from academic institutions.
- Professionals involved in design of tall structures.
- Participants from Government/Industry
- PG students and research scholars pursuing PhD.

### **REGISTRATION:**

There is no registration fee.

Use the link or QR code given below for online registration through AICTE ATAL Academy website:  
<https://atalacademy.aicte-india.org/signup>



### **CERTIFICATE:**

E-Certificate will be provided to the participants if they satisfy the attendance criteria of 80% and performance in the test with 60% marks.

### **ONLINE SESSIONS TIMINGS:**

**Morning sessions:**

9.30 AM to 11.30 AM & 11.45 AM to 1.45 PM

**Afternoon session:**

2.45 PM to 4.45 PM

**Sponsored by**

AICTE Training and Learning (ATAL) Academy



## PROFILE OF THE INSTITUTE

Vasavi College of Engineering is established in the year 1981 under the aegis of Vasavi Academy of Education. The college has been granted autonomy by the University Grants Commission, New Delhi and Osmania University, Hyderabad for all the programmes for a period of ten years with effect from 2014-15. The college offers six UG (Civil, Mechanical, ECE, CSE, EEE and IT) and 6 PG programmes [ME (ES & VLSI); ME (CE & SP); ME (ADM); ME(PS & PE); and M.Tech (CSE)]. The college is accredited by NAAC with 'A++' grade. With dedicated efforts of about four decades, Vasavi College of Engineering has emerged into a centre of excellence in engineering education. Building purposive partnerships with the industry, bolstering its wherewithal continually and evolving innovative programmes consistent with changing times, Vasavi College of Engineering strives to maintain its pre-eminent position.

## ABOUT THE DEPARTMENT

The Civil Engineering Department is part of the college since its inception. The Department offers B.E. program in Civil Engineering with an intake of 60 students. The curriculum of the Civil Engineering is designed to produce good practicing engineers as well as inculcate an aptitude for research. The alumni of the Department are working in various prestigious government and private institutions. Significant number of our alumni are pursuing higher education in India and abroad in various fields of Civil Engineering and Data Analytics. The Department has nine full-fledged laboratories in addition to a Centre for Geomatics. The Department also has in its gamut an exclusive computing facility with the latest software in Design, Planning and Management, Remote Sensing, GIS, Land & Water Management, etc. It has organised two international conferences, several national conferences, Faculty Development Program (FDPs) and AICTE Sponsored Short-Term Training Program (STTP).



## ABOUT THE PROGRAM

With the passage of time and advancement in technology, people headed to cities from villages in pursuit of better occupations and luxurious lifestyles. As the cities ran out of space, it became problematic to accommodate the ever-increasing population. In this time of dilemma, civil engineers rose to the occasion and faced the challenge of providing accommodation to a large number of citizens in a limited space. Hence, the proposal of high-rise buildings was put forward. Some decades back, there were no software to carry out the analysis and design of high-rise buildings. With the progress of time, as computer software/hardware were developed, a new era of civil engineering dawned, which made it possible to analyze and design high-rise buildings. High-rise buildings are, however, susceptible to earthquakes. In addition, the effect of wind load also becomes more & more prominent with the increase in height of a structure. Therefore, precise analysis & design of such a structure should be carried out in order to avoid any future catastrophe. The robust and stable structural design under high seismic zone/wind condition is the challenge of structural Engineering. In the past few months India as a country has understood the importance of self-reliance and development of indigenous technology, more so in the field of Infrastructural Engineering. This FDP is aimed to elaborate recent features of the National and International code practices and research findings being followed for the design of high-rise buildings under stringent seismic and wind conditions. The hands-on practice and demonstration of software like STAAD Pro, ETABS, SAP etc. are the part of FDP. The FDP is useful for practicing structural engineers, faculty of structural engineering domain & consultants. The following are the thematic areas of Faculty Development Program:

- General Design Considerations
- Wind Effects
- Seismic Design
- Lateral systems for concrete buildings
- Lateral systems for steel buildings
- Structural Analysis and Design using software
- Special topics.

## **One Week Online ATAL Faculty Development Programme (FDP) on “Design & Construction of Tall Building Structures”**

**9-13, August 2021**



**Organized by**

**Department of Civil Engineering  
Vasavi College of Engineering  
(Autonomous)**

(Sponsored by Vasavi Academy of Education Regd.)

Accredited by NAAC with A++

(Approved by AICTE &

Affiliated to Osmania University)

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Website: <http://www.vce.ac.in>