

One Week Faculty Development Programme
on

Finite Element Analysis using MIDAS Software
(Hands on Experience)

12-16 March 2019

REGISTRATION FORM

Name: Prof/Dr/Mr/Mrs/Ms _____

Designation: _____

Organization Address: _____

Tel: _____ **Fax** _____

Address for communication:

Tel: _____ **Fax** _____

Mobile: _____

E-mail: _____

Date: _____

Place: _____ **Signature**

(Photocopies of registration form are acceptable)

CHIEF PATRON

Prof. S. Ramachandram,
Vice Chancellor,
Osmania University, Hyderabad.

PATRONS

Prof. M. Kumar,
Principal, University College of Engineering (A),
Osmania University, Hyderabad.

Prof. P. Laxminarayana,

Dean, Faculty of Engineering
Osmania University, Hyderabad.

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Prof. M. Gopal Naik,
Head, Department of Civil
Engineering, U.C.E. (A),
Osmania University,
Hyderabad.

Prof. Sanjay Kumar Patro
Head, CED, VSSUT, Burla

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Dr. Harish Gupta
Mrs. A. Ushasree



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Finite Element Analysis using MIDAS Software
(Hands on Experience)

Sponsored by

TEQIP-III

12-16 March 2019

Venue: Conference Hall

Department of Civil Engineering



Organized by

Department of Civil Engineering

University College of Engineering (Autonomous)

Osmania University, Hyderabad, TS -7

In Association With



Burla, Odisha

ABOUT US

The University College of Engineering (UCE) has the distinction of being the oldest and the biggest among the Engineering Colleges of the state of Telangana. The College offers four year engineering degree courses leading to the award of Bachelor of Engineering (B.E.) in Biomedical Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering, and Mechanical Engineering. The College also offers courses leading to Master of Engineering (M.E.) and Ph.D. in the various branches of Engineering. Part-time courses are offered at post-graduate levels in various departments.

The Department of Civil Engineering was started in the year 1929 with an intake of 15 students. The Department moved into the present majestic building in the year 1947. The Department offers undergraduate courses in Civil Engineering, Master's and Doctoral programmes in Structural Engineering, Infrastructure Engineering, Transportation Engineering, Geotechnical Engineering, and Hydromechanics and Water Management. The courses are offered on full-time as well as on part-time basis. The Department is recipient of grants from UGC, DST, AICTE and TS State Government. The Department offers Consultancy to several organizations such as MES, DERL, NFC, MIDHANI, BDL, BHEL, ECIL, OFM, SCR, SECR, ITBPF, VSSC, SCCL, RailTel CIL, CITD, APMSIDC, TS/APIIC, TS/APRWSD, TS/APTWED, TS/APSPHCL, TS/AP I&CAD, TS/AP R&B, TS/APPRED, TS/APHCL, TS/APSRTC, SBH, HMWS&SB, GHMC, HMDA, OUBD, NALSAR University and many private consultants and construction companies.

OBJECTIVES

Many physical phenomena in engineering can be described in terms of partial differential equations. In general, solving these equations by classical analytical methods is almost impossible. The finite element method (FEM) is a numerical approach by which these partial equations can be solved approximately. This faculty development programme aims to bring a solution to these problems.

THEMES

- Introduction to Linear & Non-Linear Finite Element Analysis
- Basic and Advanced modeling, analysis and design of Road & Railway bridges
- Crack Propagation Studies in Concrete
- Dam Break Analysis
- Application of MIDAS Software to Geo-Technical Engineering & CFD Problems

ELIGIBILITY

Faculty members from AICTE approved Engineering Colleges, Students and Research Scholars, Academicians, Consultants, Practicing Engineers of Civil & Mechanical Engineering, are welcome.

REGISTRATION

Candidates should complete the registration form and send it by mail to the Coordinators on or before 8th March 2019. Confirmation of eligible candidates will be on a first come first served basis. Tea & snacks, working lunch and participation certificate will be provided to all the participants. Accommodation will not be provided.

FEE PARTICULARS:

Industry Professionals – Rs. 4000/-

Faculty Members – Rs. 3000/-

Research Scholars – Rs. 2000/-

All payments are to be made by Demand Draft payable at Hyderabad drawn in favour of The Head, Civil Engineering Department, UCE (A), OU, Hyderabad and sent to the Coordinators at the following address.

DATE AND VENUE

12-16 March 2019

Conference Hall,

Department of Civil Engineering

University College of Engineering (A),

Osmania University, Hyderabad, TS-500007

Coordinators

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ADDRESS FOR CORRESPONDENCE

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