CivilFEM with MARC

CivilFEM performs the best with the inbuilt, well known Finite Element Program MSC Marc. The combination of programs and integrated development environment provides the Construction and Civil Engineering fields with the possibility of applying high-end technology to a wide range of projects. Using the windows graphic user interface and sharing input data and results, makes it very easy for the user to apply them for solving difficult Civil Engineering problems. The ability to generate finite element models of any complex three-dimensional civil structure with non-linear behaviour and construction process simulation means a new and efficient approach to run advanced analysis on PC's.

CivilFEM capabilities include a unique and extensive materials and section libraries for concrete and steel structures. In addition, the user may introduce any shape or material into the corresponding CivilFEM libraries. A user-friendly beam and shell postprocessor includes listing and plotting section geometry, reinforcements, beam results or stresses and strains inside the cross-section. The skilled combination module, selects loads and coefficients for logic code combinations. Results embrace concomitance at element and global level as well as worst load arrangements in beam, shell and solid elements.

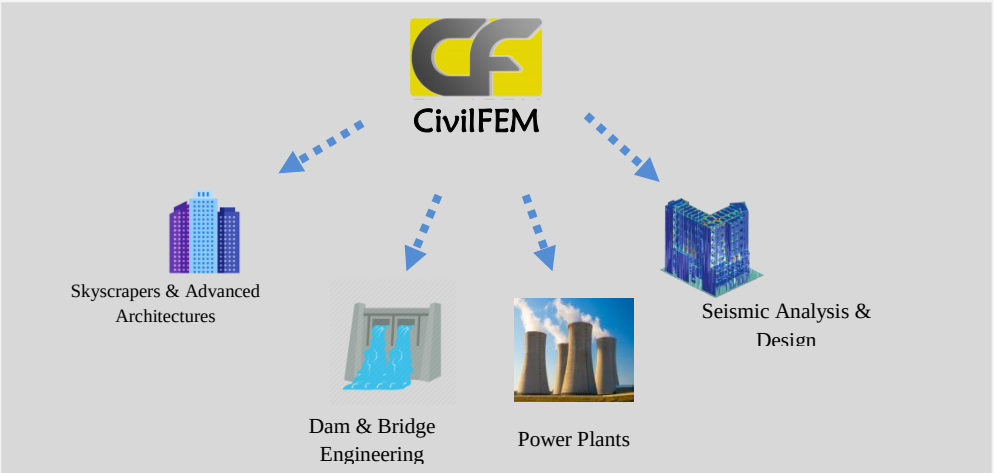
Application Areas of CivilFEM

- Nonlinear buckling
- Industrial Buildings, Skyscrapers, Stadiums
- Thermal and Wind Power Stations
- Bridges (Concrete, Steel, Composite…), Tunnels
- Geotechnical Problems
- Nuclear power plant
- Suspension and Cable Stayed Bridges, singular Buildings
- Nonlinear reinforced concrete
- Seismic Calculations
- Offshore and Naval and Marine Structures
- Prestressed Concrete Structures
- Foundations (Slabs, Piles, Walls, etc.)
- Dams (Concrete, Loose Materials, etc.)
- Quality Control, Forensic, Valuation and Modification of Civil Works

Coimbatore Institute of Technology

(Government Aided Autonomous Institution)
(Approved by AICTE, New Delhi, Affiliated to Anna University)
Coimbatore, Tamilnadu – 641 014

Hands – on Training on
CivilFEM Powered by MSC MARC



January 21 to 25, 2019

In association with

TECHLEAD Solutions Private Limited

TEACHING LEARNING CENTRE

(Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching (PMMMNMTT), Dept. of Higher Education, MHRD, GoI)

COIMBATORE INSTITUTE OF TECHNOLOGY

Coimbatore Institute of Technology (CIT), Coimbatore, is a Government Aided Autonomous Institution established in the year 1956. The Institute offers Under Graduate, Post Graduate and Ph.D research programmes in Engineering. The Institute is approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by National Board of Accreditation (NBA), New Delhi. The institute has a reputation with service of competent, well qualified faculty and dynamic management to set highest standards in engineering research and development. The institute has collaboration with leading frontier universities and industries in India and abroad for the promotion of innovative research and development. National Institutional Ranking Framework (NIRF), MHRD, Govt. of India., has ranked CIT 62 in NIRF 2018.

TEACHING LEARNING CENTRE

Coimbatore Institute of Technology has been approved as Teaching Learning Centre (TLC) under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), Department of Higher Education, Ministry of Human Resource Development (MHRD) in December, 2017. The objective of TLC is to raise the quality of teaching through training, retraining, refresher and orientation programmes in the disciplines of Academic, Research and Management (ARM). CIT – TLC is established to improve the quality of teachers of technical education institutions in the regions of Tamil Nadu (West), Kerala, Karnataka, Andhra Pradesh and Puducherry.

REGISTRATION DETAILS

- No Registration / Participation fee will be collected
- Interested participants are requested to register through the following Google Form link on or before January 15, 2019.

https://goo.gl/forms/SmfJE127iBPZNWqu1

- Participants are requested to upload the Permission Letter duly signed by the Head of the Institution / Director in the Google Registration Form

GENERAL INSTRUCTION

- Acceptance of the registration is subject to the seat availability
- Acceptance of the registration will be reported on or before January 18, 2019
- Accommodation will be arranged on prior request
- No Spot Registration

ORGANIZING COMMITTEE

Chief Patron

Dr.S.R.K. Prasad
Correspondent, CIT Institutions, Coimbatore.

Patrons

Mr.S.Rajiv Rangasami
Director, CIT Institutions, Coimbatore.

Dr.R.Prabhakar
Secretary, CIT Institutions,
Chairperson, CIT – TLC, Coimbatore

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Principal, CIT
Co – Chairman, CIT – TLC, Coimbatore.

Convener

Dr.V.Manikandan
Project Coordinator, CIT – TLC, Coimbatore.

Coordinator

Dr.N.Saranya, Project Officer, CIT – TLC, Coimbatore

CONTACT DETAILS

Dr.N.Saranya
Project Officer
(M) 9962823234
E-Mail : tlcp3@cit.edu.in

Permission Letter

Five Day

Hands – on Training on CivilFEM with MARC

January 21 to 25, 2019

***** This Nomination Form should be uploaded in Google Registration Form***

*****Certificates will be awarded to the participants who attend all the modules***

Mr/Ms/Dr _____ of the Department _____ has been permitted to attend **Hands – on Training on CivilFEM with MARC** at Teaching Learning Centre of Coimbatore Institute of Technology, Coimbatore from **January 21 to 25 , 2019.**

Name of the College :

Designation :

Place :

Date :

Signature of Head of the Department

Signature of Head of the Institution / Director