

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.

Features of CivilFEM

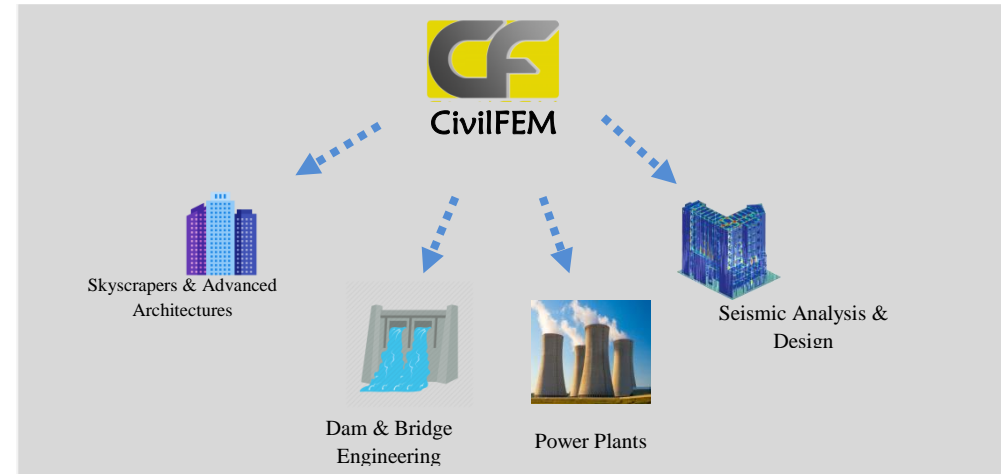
- Linear combination
- Material library
- Automatic mesher
- Path History Results
- Results envelope
- QA according to ISO 9001
- Report Generator
- Connections
- Initial state definition
- Prestressed concrete
- Code checking and validation
- User crack data
- Non-linear strain-stress diagram (plasticity etc.)
- Non-linear springs / Dampers (point, linear and surface)
- Inserts and cables
- Large deflections and Large strains
- Solid section definition

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 with MARC



October 10 to 14, 2018

In association with

TechLead Solutions Private Limited



TEACHING LEARNING CENTRE

(Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching (PMMMNTT), 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 (PMMMNTT), 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 October 04, 2018.

<https://goo.gl/forms/kSwMB1yK0SdgWMS12>

- 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 October 05, 2018
- 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

President

Dr.V.Selladurai

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
October 10 to 14, 2018

**** 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
October 10 to 14, 2018

Name of the College :

Designation :

Place :

Date :

Signature of Head of the Department

Signature of Head of the Institution / Director