



Hands - on Training

on

“Mathematica for Engineering Computations”



20 & 21 November, 2020



6 Hours/Day



10:00 AM - 05:00 PM



Teaching Learning Centre

[SS Mode]

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



Coimbatore Institute of Technology

Government Aided Autonomous Institution

Approved by AICTE, New Delhi & Affiliated to Anna University

Facilitator: Dr. Aravind Hanasoge

- Certified Wolfram Research instructor since 2011
- Conducted several training programmes for Faculty members and Students across India
- Areas of specialization are stability analysis, modeling and simulation of dynamical systems

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 programs 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. Coimbatore Institute of Technology is ranked 90th place in NIRF Engineering Institutes 2020.

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. MHRD has sanctioned grant to establish Teaching Learning Centre in Coimbatore Institute of Technology for Raising the Quality of Teaching through training, retraining, refresher and orientation programs 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 & Pondicherry. During this lockdown period, CIT - TLC has served around 5000 faculty members & Research Scholars through webinars and virtual FDP's.

Participants Profile

All Faculties & Research Scholars from Higher Learning Institutions, UG & PG Students, Industry Professional across India.

Registration Process

Course fee is Rs.1000/-. Participants can pay the registration fee through RTGS/NEFT to the following account:

Account Name	CIT- TLC TP 2019
Account Number	6842996928
Name of the Bank & Branch name	Indian Bank, Peelamedu (CIT Campus)
IFSC Code	IDIB000S107

After payment, register through the following google form link and upload scanned copy of Counter Foil / Screenshot of the RTGS / NEFT details on or before 17.11.2020.

<https://forms.gle/WXzAEstuGcsvwpTv7>

Course Contents

✓ Overview of
Mathematica

✓ Basic Computing

✓ Visualization

✓ Data Manipulation &
Analysis

✓ Equation Solving
(Analytical & Numerical)

✓ Differential Equations
(Analytical & Numerical)

✓ Signal Processing

✓ Image Processing

✓ Control Systems

Course Coordinators

Dr. V. Manikandan &

Dr. K. Shri Akiladevi

CIT –TLC, Coimbatore

tlcp5@cit.edu.in

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, Coimbatore

PRESIDENT

Dr.V.Selladurai

Principal, CIT, Coimbatore