

STP
on
Advanced Pedagogy
23-28, OCTOBER 2024

**SHORT TERM PROGRAMME ON
ADVANCED PEDAGOGY
MALAVIYA MISSION TEACHER
TRAINING PROGRAMME**



Residential Program (Offline)
October 23-28, 2024
10:00 am to 5:30 pm on all days
@ CIT, Coimbatore.

**Malaviya Mission Teacher Training Centre (MMTTC)
(Formerly Teaching Learning Centre)
Coimbatore Institute Of Technology**

(Government Aided Autonomous Institution Approved by AICTE, New Delhi
and Affiliated to Anna University, Chennai.)

Rationale

The NEP 2020 aims to bring about a paradigm shift in Teacher Training in Higher Education. Pedagogical knowledge and skills refer to the specialized knowledge of teachers for creating effective teaching and learning environments for all students. Pedagogical skills are proficiencies that allow teachers to manage and instruct students in the classroom as well as in laboratories and workshops.

Advance pedagogy is the way to enhance holistically teaching and learning performance, also The development and implementation of activities to engage students as partners in the teaching process.

Every teacher is instructional manager to ensure outcomes and expected to develop advance teaching skills along with core managerial skills like planning, classroom management, problem solving and leadership. Classroom instructional quality can serve as a critical for educational change. The development of core teaching competencies. programme on advanced pedagogy is mainly focuses on reskilling/upskilling to equip the practicing teachers with the newest pedagogy skills for enhancing the quality of teaching-learning in the technical and higher education institutions. The emerging role of a teacher is challenging along with teaching and learning activities, OB-curriculum Development, instructional material development, design learning events and implementing using latest teaching techniques. The programme is to develop skills of teaching learning, instructional methodologies, assessment and evaluation techniques, ICT enabled teaching learning, this programme provides Participants with instruction and practice for planning and delivering curriculum in the subject-specific content area of Engineering. Emphasis in this course is on implementing practical experiences within their subject-specific content area. Participants will be assigned to practice and demonstrate their competency within their classroom.

Programme Outcomes

- ✓ Explicate the NEP 2020 in the context of Teacher training,
- ✓ Derive Emerging Teaching learning role using expectation analysis
- ✓ Apply critical holistic TL Systems Methodology
- ✓ Use cognitive learning theories and principles of learning in teaching learning process
- ✓ Analyze the outcome based curriculum and use rubrics for assessment
- ✓ Apply advanced pedagogical teaching techniques in their classroom, laboratory and workshop
- ✓ Select appropriate instructional methods and strategies in view of the learning outcomes.
- ✓ Demonstrate innovative teaching strategies to improve the teaching-learning process
- ✓ Apply case study and discovery learning techniques
- ✓ Use technology-enabled learning approaches to enhance the quality of teaching-learning;
- ✓ Utilize important technological tools to enhance the teaching learning process
- ✓ Use appropriate media and materials for effective teaching learning process.
- ✓ Use creativity to solve learning problems of the students

Programme Content:

NEP 2020:, Learning Theories: (Reductionism, Behaviorist, Cognitivist, Constructivist,), Domains of Learning, andragogy and pedagogy ,Outcome-based Education: Curriculum, T-L, and Assessment, Advanced Teaching Methods, Group Discussion and Case Study, Experiential Learning (Action Learning, Enquiry-Based Learning, Reflective Learning, and Collaborative Learning),TL and Instructional Systems, cognitive and skill development Models, Project-based and problem-based learning- PBL, Flipped classroom and blended learning, classroom management Planning, organizing, and assessing industrial training and internships, Rational problem solving and, Creativity Techniques ICT Tools in Teaching, Learning, and Assessment (AR/VR, Simulation, OER, MOOCs, Game-Based Learning) Assessment of Higher-Order cognitive Skills, Development and Use of Rubrics

Instructional Strategy:

Input cum discussion, group exercises, case studies, Demonstrations Group Discussions, Presentations, Creativity Sessions and Experience sharing.

Tentative Schedule:

Date	Session-I 10.00-11.30AM	Session-II 11.45AM-01.15PM	Session-III 02.15-03.45PM	Session-IV 04.00-05.30PM
23 Oct, 2024	Registration Inauguration Programme structure/ content Expectations	NEP 2020 in the context of Teacher training in Higher Education	Role derivation and expectation analysis for Emerging role of Teacher (Role ,Duty, responsibility, accountability and performance	Critical holistic TL systems model and methodology (Assignment-1)
24 Oct, 2024	Cognitive and skill learning theories:	(Reductionism, Behaviourist, Cognitivist, Constructivist)	Domains of Learning, andragogy and pedagogy	principles of learning (Assignment-2)
25 Oct, 2024	Outcome-based Education	Outcome based curriculum -Analysis Implementation	Design of Co's (Assignment-3)	advanced pedagogical instructional methods and strategies
26 Oct, 2024	Rational problem solving and PBL, Creativity Techniques	Education Media, classification and application in learning	Assessment and Evaluation of learning	Design of Rubrics a for cognitive and skill assessment (Assignment-4)
27 Oct, 2024	Higher-Order cognitive Skills methods	Design of case study and stories for Laboratory and skill learning	Discovery Learning Flipped classroom and blended learning	Technology-enabled learning approaches (Assignment-5)
28 Oct, 2024	ICT Tools in Teaching, Learning, and Assessment	Online learning Platforms MOOCs, LMS, and OER	Action plan for Implementation of Advance pedagogy	Summative Assessment, Feedback and valedictory

Tea Break: 11.30 AM to 11.45 AM and 03.45 PM to 04.00 PM; Lunch Break: 01.15 PM to 02.15 PM

Resource person

- Dr. R.B. Shivagunde
Professor of Education Management
NITTTR, Bhopal.
- Dr. M.A. Rizvi
Professor of Computer Science and Engineering
NITTTR, Bhopal.

Who should attend ?

HEI faculty working anywhere in India are eligible to register for the programme.

How to apply

- No registration fee or participation fee will be collected
- Interested participants are requested to register through the following Google Form Link on or before October 18, 2024
GOOGLE FORM LINK : <https://forms.gle/YyyLwfg97R7r4XiV7>

Guidelines to the participants:

- ❖ Number of participants is limited to 50.
- ❖ Selected participants will be intimated through E-mail on or before October 20, 2024.
- ❖ Accommodation will be provided on prior request.
- ❖ Participants should upload the permission letter (attached in this brochure) in the Google Form duly signed by the Head of the Institution / Director.
- ❖ The lecture will be delivered offline.
- ❖ There will be an assessment test consisting of multiple-choice questions (MCQs).
- ❖ Only participants who successfully complete the 6- day program and pass the evaluation test will be granted an certificate.

About Malaviya Mission Scheme

Vision

The Ministry of Education (MoE) has sought strengthening of the synergy and integration between HRDCs and PMMMMNMTT centres in order to meet the objective of NEP 2020.

- Keeping in view the optimal utilization of infrastructure, human and financial resources and renaming and popularizing the entire capacity building effort as Malaviya Mission (MM).
- As a part of the Malaviya Mission 111 institutions have been identified. These centres will be called as Malaviya Mission Teacher Training Centres (MMTTC). To build competencies in the faculty for better teaching, learning and research by exposing them to Indian values, updating knowledge and skills, and aligning teaching, learning and research with the needs of society and NEP 2020.

About CIT

Coimbatore Institute of Technology (CIT) started in 1956 by Sri.V.Rangasamy Naidu is reckoned for its academic excellence in Engineering and Technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. The institute has a reputation with service of competent, well qualified faculty and dynamic management to set highest standards in engineering research and development.

CIT offers under graduate, post graduate and Ph.D. programmes with a global standard curriculum promoting the students to compete internationally. Coimbatore Institute of Technology has been granted the Teaching Learning Centre (TLC) under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMMNMTT), Department of Higher Education, Ministry of Human Resource Development (MHRD) in December, 2017. In 2023, Teaching Learning Centre is renamed as “Malaviya Mission Teacher Training Centre”

Institute Administration:

Mr.S.Rajiv Rangasami, Correspondent – CIT
Ms.K.DivyaMohana Rajiv, Coordinator – CIT
Dr.R.Prabhakar, Secretary – CIT
Dr.V.Selladurai, Adviser – CIT
Dr.A.Rajeswari, Principal – CIT

Contact Details:

Dr.V.Manikandan,
Course Coordinator, MMTTP
Coimbatore Institute of Technology
Coimbatore - 641 014
Email: mmttc2024@gmail.com

Permission Letter
STP ON ADVANCED PEDAGOGY

October 23-28, 2024

** This Permission Letter should be uploaded in Google Registration Form

** Participants should attend all the sessions to get certificate

Mr/Ms/Dr _____ of the Department
_____ has been permitted to attend Short
Term Programme on Advanced Pedagogy at MMTTC (formerly Teaching
Learning Centre) of Coimbatore Institute of Technology, Coimbatore from
October 23-28, 2024.

Name of the College :

Place :

Date :

Signature of Head of the
Department

Signature of Head of the
Institution / Director