

ABOUT THE INSTITUTION

University College of Engineering, Thirukkuvalai, a Constituent College of Anna University, was established in 2008. The College offers undergraduate programmes in Civil Engineering (English and Tamil Medium), Mechanical Engineering (English and Tamil Medium), Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Electronics and Computer Engineering, and Artificial Intelligence and Data Science. The College is situated at Thirukkuvalai in Nagapattinam District on a sprawling campus of **42.21 acres**, comprising well-designed academic buildings, hostels, a mess, and a canteen. The institution is equipped with smart classrooms, spacious seminar and conference halls, well-established laboratories, and advanced research facilities. Students from different parts of Tamil Nadu are admitted through the Tamil Nadu Engineering Admissions (TNEA) counselling conducted by Anna University based on merit.

ABOUT THE DEPARTMENT

The Departments of Civil Engineering and Mechanical Engineering offer B.E. programmes in their respective disciplines. The departments are supported by a team of highly qualified, experienced, and dedicated faculty members with expertise in diverse areas of engineering. They are well equipped with modern laboratories, advanced research facilities, and experienced research supervisors, offering an excellent environment for academic excellence and innovative research.

PROGRAMME OBJECTIVE

The primary objective of this Faculty Development Training Programme is to provide Government officials, faculty members, and professionals with comprehensive knowledge and hands-on experience in **3D Printing and Additive Manufacturing** technologies. The programme aims to demonstrate the practical applications of additive manufacturing in product design and prototyping while enabling participants to develop skills in designing, printing, and post-processing prototype models for a wide range of engineering applications.

COURSE COVERAGE

Module 1: Introduction to Additive Manufacturing

- Evolution of 3D printing
- Classification of Additive Manufacturing Technologies
- Fused deposition modeling (FDM) in detail

Module 2: CAD Modeling

- Design of CAD Model and STL Conversion
- Additive manufacturing Applications
- Additive manufacturing Process selection

Module 3: Prototyping using 3D Printer

- Design guidelines for printing
- FDM Slicer Print Settings
- Post Processing in Additive Manufacturing



FIVE-DAY (FDTP)

Hybrid Mode (Physical & Virtual Instructor-Led Training)

On

GOVERNMENT OFFICIALS TRAINING ON 3D PRINTING & ADDITIVE MANUFACTURING (GOT-BASIC)

24.07.2026 – 30.07.2026

Co-ordinator

Dr. V.M. Rajanandhini

Assistant Professor (Sl.Gr) & Head of the Department
Department of Civil Engineering

and

Department of Mechanical Engineering
University College of Engg Thirukkuvalai

Jointly Organized by

University College of Engg Thirukkuvalai
Nagapattinam (District)
Pin Code– 610 204.

and

National Institute of Electronics and Information
Technology (NIELIT), Chennai
Under the Ministry of Electronics and Information
Technology (MeitY) Government of India,
Chennai- 600 025.

TARGET AUDIENCE	ORGANIZING COMMITTEE	REGISTRATION FORM
Employees, Faculty Members, Scientists, Engineers, and Professionals working in State Government, Central Government, Public Sector Undertakings (PSUs), Autonomous Bodies, Research Organizations, Government Departments, Government Colleges, and Government Universities. REGISTRATION FEE There is no registration fee for this training programme. Participation is limited to 30 candidates. SELECTION Participants will be selected on a first-come, first-served basis. The list of selected participants will be communicated through email on 22.07.2026. Preference will be given to young faculty members and Government officials. IMPORTANT DATES: Submission of Application : 21.07.2026 Intimation of selection : 22.07.2026 Confirmation by Participants : 23.07.2026 MAILING ADDRESS The Coordinator, Department of Civil Engineering and Department of Mechanical Engineering University College of Engg, Thirukkuvalai Nagapattinam (District), Pin Code– 610 204. E-mail: vm.rajnandhini@gmail.com Phone: 04366-245234, 245235 Mobile: 9123582235, 9994054086	CHIEF PATRON: Convener Committee Anna University, Chennai PATRON: Dr. V. Kumaresan Registrar(i/c), Anna University, Chennai Dr. R. Baskaran Director, Centre for Constituent Colleges Anna University, Chennai CHAIR: Mr. S. Mallikarjuna Scientist "D", NIELIT Chennai CO-CHAIR: Dr. A. Kalaiselvan Dean UCE Thirukkkuvalai CO-ORDINATOR: Dr. V. M. Rajanandhini Assistant Professor & Head (i/c) Department of Civil Engg and Department of Mechanical Engg UCE Thirukkuvalai Venue: AUDITORIUM HALL UCE Thirukkuvalai	FIVE-DAY FACULTY DEVELOPMENT TRAINING PROGRAMME (FDTP) Hybrid Mode (Physical & Virtual Instructor-Led Training) GOVERNMENT OFFICIALS TRAINING ON 3D PRINTING & ADDITIVE MANUFACTURING (GOT- BASIC) 24.07.2026 – 30.07.2026 - Name : - Age & DOB : - Designation : - Qualification : - Experience : - Institution : - E-mail ID : - Mobile Number : Place: _____ Date: _____ Signature of the Applicant SPONSORSHIP This is to certify that Mr./Ms./Dr. _____ is an employee of our Institution/Organization and is hereby sponsored to participate in the Five-Day Faculty Development Training Programme on Government Officials Training on 3D Printing & Additive Manufacturing (GOT-BASIC) scheduled from 24.07.2026 to 30.07.2026. Signature and Seal of the Sponsoring Authority