



# University College of Engineering

(AUTONOMOUS)

OSMANIA UNIVERSITY, HYDERABAD – 500 007.

No. 50 /Admin./UCE/2025

Date: 07 -01-2025

## CIRCULAR

It is hereby informed to all the BE & ME Regular students that the list of courses recognised by respective Department Chairperson Board of Studies (Autonomous) from the courses offered by SWAYAM-NPTEL for the Jan — April 2025 semester is herewith enclosed and uploaded in the college website i.e., [www.uceou.edu](http://www.uceou.edu). From the above recognised course list students have to register in the SWAYAM NPTEL website ([https://swayam.gov.in/nc\\_details/NPTEL](https://swayam.gov.in/nc_details/NPTEL)), with prior permission from their respective Department CBoS Autonomous. **Credit transfer will be allowed only to those BE VIII semester students who went for Internship outside the college (Proof to be enclosed) and BE VI semester students who have opted for Minor or Honours courses and the subject/subjects they intend to register should not be studied by them in their previous semesters. The registration process is explained in the attached flow chart attached with this circular. However, other interested students may register for improving their personal profile.**

The respective CBoS Autonomous has to send a copy of the list of **BE VIII Semester and BE VI Semester Minor & Honours students** who registered for Swayam NPTEL courses to Director of Evaluation, Examination Cell, UCE, OU and SPOC, Swayam NPTEL, UCE, OU.

Students are also advised to select a subject equivalent to their graduating degree i.e., UG/PG and as per the credit requirements. Generally, for 4 weeks, 8 weeks and 12 weeks course 1, 2 and 3 credits are offered respectively. **They have to register for various courses under University College of Engineering, Osmania University Local chapter (ID:2110) for getting official recognition of the certificates.** Also, it may be noted that there is no makeup or supplementary examination for Swayam NPTEL courses. All the Heads of the departments are requested to display the recognised course list in their respective departments. The last date for registration for **Set 1(4 & 8 Weeks) and 12 weeks course is 27-01-2025 5 pm and Set 2 is 17-02-2025, 5 pm.** Students are informed that the information provided here is only tentative and are advised to visit Swayam NPTEL website for exact information for various details like last date of registration, number of credits etc.

Principal

- Copy to:
1. Dean, Faculty of Engineering, OU
  2. Director CDACC, UCE, OU
  3. Vice Principal, UCE, OU
  4. Head & CBoS (Autonomous) CSE, ECE, EEE, BME, CIVIL and MECH. Engg.
  5. Director of, Examination Cell, UCE, OU
  6. Dr. L. Siva Rama Krishna, SPOC, Local Chapter, NPTEL, UCE, OU
  7. Dr. N. Susheela, PRO, UCE, OU
  8. Dr. J. Upender, Swayam Coordinator, OU
  9. Dr. D. Suman, TPO, UCE, OU

**PRINCIPAL**  
Univ. College of Engg.(A)  
Osmania University



DEPARTMENT OF BIOMEDICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING  
OSMANIA UNIVERSITY, HYDERABAD-500007

**BME - Final List of Courses for JAN-APRIL 2025, SWAYAM- NPTEL Courses**  
Course ID: UCE, OU Local chapter ID: 2110

S.No	Course ID	Discipline	Course Name	Duration	Course Start date	Course End date	UG/PG	Core/ Elective
1	noc 25-bt 34	Biotechnology and Bioengineering	Microsensors, Implantable devices and Rodent Surgeries for Biomedical Applications	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Elective
2	noc 25-bt 33	Biotechnology and Bioengineering	Microbial Biotechnology	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Elective
3	noc 25-bt 35	Biotechnology and Bioengineering	Molecular Biology	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Core
4	noc 25-bt 14	Biotechnology and Bioengineering	Computational Systems Biology	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Elective
5	noc 25-bt 24	Biotechnology and Bioengineering	Interactomics: Basics & Applications	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Elective
6	noc 25-ge 17	Multidisciplinary	Introduction to Environmental Engineering and Science Fundamental and Sustainability Concepts	12 Weeks	January 20, 2025	April 11, 2025	UG	Core
7	noc 25-bt 25	Biotechnology and Bioengineering	Introduction to Complex Biological Systems	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Core
8	noc 25-bt 01	Biotechnology/ Life Sciences	Advanced Fluorescence Microscopy and Image Processing	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Elective
9	noc 25-bt 06	Biotechnology and Bioengineering	BioInformatics: Algorithms and Applications	12 Weeks	January 20, 2025	April 11, 2025	UG/PG	Elective
10	noc 25-bt 40	Biotechnology and Bioengineering	RNA Biology	12 Weeks	January 20, 2025	April 11, 2025	PG	Elective
11	noc 25-bt 21	Biotechnology and Bioengineering	Host-Pathogen Interaction (Immunology)	12 Weeks	January 20, 2025	April 11, 2025	PG	Core

(Dr. G. Shravan)

**Assistant Professor**  
Dept. of Biomedical Engineering,  
University College of Engineering (A)  
Osmania University  
Hyderabad - 500007, T.S.



**Department of CIVIL ENGINEERING**  
**University College of Engineering**  
**Osmania University, Hyderabad – 500 007**

**Recognised Course (REGULAR / Working Professional (Tick the relevant))**

**List of CIVIL Engg \_\_\_\_\_ Dept., UCE, OU for  
JAN-APRIL 2025 SWAYAM- NPTEL Courses**

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core/ Elective	Credits
noc25-ce02	Civil Engineering	Advanced Soil Mechanics	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-ce05	Civil Engineering	Applied Environmental Microbiology	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Elective	3
noc25-ce06	Civil Engineering	Applied Seismology for Engineers	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-ce12	Civil Engineering	Development and Applications of Special Concretes	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	PG	Elective	2
noc25-ce13	Civil Engineering	Digital Land Surveying and Mapping (DLS&M)	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG	Elective	2
noc25-ce14	Civil Engineering	Earthquake Resistant Design of Foundations	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-ce15	Civil Engineering	Electronic Waste Management - Issues and Challenges	4 Weeks	January 20, 2025	February 14, 2025	January 27, 2025	PG	Elective	1
noc25-ce16	Civil Engineering	Energy Efficiency, Acoustics and Daylighting in Building	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Elective	3
noc25-ce19	Civil Engineering	Environmental Remediation of Contaminated Sites	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-ce26	Civil Engineering	Geomorphology	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Core	3
noc25-ce28	Civil Engineering	Geosynthetics and Reinforced Soil Structures	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Elective	3

noc25-ce35	Civil Engineering	Introduction to Civil Engineering Profession	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG	Core	2
noc25-ce36	Civil Engineering	Introduction to Lean Construction (Module 1 - Lean Basics)	4 Weeks	January 20, 2025	February 14, 2025	January 27, 2025	UG/PG	Elective	1
noc25-ce38	Civil Engineering	Maintenance and Repair of Concrete Structures	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-ce40	Civil Engineering	Microwave Remote Sensing in Hydrology	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Elective	3
noc25-ce45	Civil Engineering	Plastic Waste Management	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	PG	Elective	2
noc25-ce53	Civil Engineering	Stability Aspects of Structural Steel Design: Concepts and Applications	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Core	3
noc25-ce58	Civil Engineering	Sustainable Engineering Concepts and Life Cycle Analysis	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2

*Shankar.*

**Signature of CBoS (Autonomous)**

**Dept. Name: Civil Engg , UCE(A), OU**

**OSMANIA UNIVERSITY**



**Department of Computer Science & Engineering**  
**University College of Engineering**  
**Osmania University, Hyderabad – 500 007**

**Recognised Course List of CSE Dept., UCE, OU for**  
**JANUARY-APRIL 2025 SWAYAM- NPTEL Courses**

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core / Elective	Credits	Link to Join	NPTEL URL
<b>Professional Elective VII B.E(CSE &amp; AIML) VIII-Semester</b>											
nou25_cs05	Computer Science and Engineering	Digital Forensics	12 Weeks	Jan 01, 2025	Apr 30, 2025	Feb 28, 2025	PG	Core	3 ( Actually 4 credits converted to 3 )	<a href="https://onlinecourses.swayam2.ac.in/nou25_cs05/preview">https://onlinecourses.swayam2.ac.in/nou25_cs05/preview</a>	<a href="https://onlinecourses.swayam2.ac.in/nou25_cs05/preview">https://onlinecourses.swayam2.ac.in/nou25_cs05/preview</a>
<b>Professional Elective – VIII B.E(CSE &amp; AIML) VIII-Semester</b>											
noc25-cs37	Computer Science and Engineering	GPU Architectures and Programming	12 Weeks	Jan 20, 2025	Apr 11, 2025	Jan 27, 2025	UG/PG	Elective	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs37/preview">https://onlinecourses.nptel.ac.in/noc25_cs37/preview</a>	<a href="https://nptel.ac.in/courses/106105220">https://nptel.ac.in/courses/106105220</a>
noc25-cs38	Computer Science and Engineering	Human Computer Interaction	12 Weeks	Jan 20, 2025	Apr 11, 2025	Jan 27, 2025	UG	Core	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs38/preview">https://onlinecourses.nptel.ac.in/noc25_cs38/preview</a>	<a href="https://nptel.ac.in/courses/106106575">https://nptel.ac.in/courses/106106575</a>
<b>Minors in AIML</b>											
noc25-cs07	Computer Science and Engineering	Artificial Intelligence: Knowledge Representation And Reasoning	12 Weeks	Jan 20, 2025	Apr 11, 2025	Jan 27, 2025	UG/PG	Elective	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs07/preview">https://onlinecourses.nptel.ac.in/noc25_cs07/preview</a>	<a href="https://nptel.ac.in/courses/106106140">https://nptel.ac.in/courses/106106140</a>
noc25-cs46	Computer Science and Engineering	Introduction to Machine Learning	12 Weeks	Jan 20, 2025	Apr 11, 2025	Jan 27, 2025	UG/PG	Elective	3	<a href="https://onlinecourses.nptel.ac.in/noc25_cs46/preview">https://onlinecourses.nptel.ac.in/noc25_cs46/preview</a>	<a href="https://nptel.ac.in/courses/106106139">https://nptel.ac.in/courses/106106139</a>

*P.V. Sudha*

**(Prof.P.V.Sudha)**  
**Signature of CBoS (Autonomous)**  
**Dept. Name: CSE, UCE(A), OU**  
**UCE, OSMANIA UNIVERSITY**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**UNIVERSITY COLLEGE OF ENGINEERING: OSMANIA UNIVERSITY**  
**HYDERABAD – 500007**

**Recognised Course (REGULAR / Working Professional (Tick the relevant))**  
**List of ECE Dept., UCE, OU for**  
**JAN-APRIL 2025 SWAYAM- NPTEL Courses**

S. No.	Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core/ Elective	Credits
1	noc25-cs22	Electrical and Electronics Engineering	Deep Learning for Natural Language Processing	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
2	noc25-ee06	Electrical and Electronics Engineering	Analog Ic Design	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
3	noc25-ee09	Electrical and Electronics Engineering	Biomedical Signal Processing	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
4	noc25-ee13	Electrical and Electronics Engineering	Computer Vision And Image Processing - Fundamentals And Applications	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
5	noc25-ee18	Electrical and Electronics Engineering	Design and Analysis of VLSI Subsystems	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
6	noc25-ee21	Electrical and Electronics Engineering	Digital IC Design	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Core	3
7	noc25-ee25	Electrical and Electronics Engineering	Digital VLSI Testing	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	3
8	noc25-ee32	Electrical and Electronics Engineering	EMI /EMC and Signal Integrity: Principles, Techniques and Applications	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
9	noc25-ee51	Electrical and Electronics Engineering	Modern Computer Vision	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
10	noc25-ee52	Electrical and Electronics Engineering	Multirate DSP	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
11	noc25-ee74	Electrical and Electronics Engineering	Semiconductor device modeling and Simulation	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
12	noc25-ee76	Electrical and Electronics Engineering	Sensors and Actuators	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
13	noc25-ee83	Electrical and Electronics Engineering	VLSI Physical Design with Timing Analysis	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
14	noc25-ee80	Electronics and Communication Engineering	Spread Spectrum Communications And Jamming	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3

*P. Venkatesh*  
**Signature of CBoS (Autonomous)**  
**ECE, UCE(A), OU**  
**CHAIRMAN**  
**BOARD OF STUDIES**  
 Dept. of Electronics & Commn. Engg  
 Osmania University,  
 Hyderabad



**Department of Electrical Engineering**  
**University College of Engineering**  
**Osmania University, Hyderabad – 500 007**

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**Recognised Course (REGULAR)**  
**List of Electrical Dept., UCE, OU for**  
**JAN-APRIL 2025 SWAYAM- NPTEL Courses**

Course ID	Discipline	Course Name	Duration	Course Start Date	Courses End Date	Enrollment End Date	Level	Core/ Elective	Credits
noc25-ee14	Electrical and Electronics Engineering	Computer- Aided Design of Electrical Machines .	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Elective	3
noc25-ee23	Electrical and Electronics Engineering	Digital Signal Processing and its Application	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Elective	3
noc25-ee25	Electrical and Electronics Engineering	Digital VLSI Testing	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Core	3
noc25-ee40	Electrical and Electronics Engineering	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Elective	3
noc25-ee42	Electrical and Electronics Engineering	Industrial Automation and Control	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Elective	3
noc25-ee52	Electrical and Electronics Engineering	Multirate DSP	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Elective	3
noc25-ee83	Electrical and Electronics Engineering	VLSI Physical Design with Timing Analysis	12 Weeks	January 20,2025	April 11 ,2025	January 27,2025	UG	Elective	3

  
7/11/2024

**CBoS (Autonomous)**

**Department of Electrical Engineering**

**UCE(A), OU**



**DEPARTMENT OF MECHANICAL ENGINEERING**  
University College of Engineering (Autonomous), Osmania University, Hyderabad - 500007

Course ID	Discipline	Course Name	Duration	Course Start date	Course End date	Enrollment End date	UG/PG	Core/Elective	Credits
noc25-ae16	Aerospace Engineering	Engineering Thermodynamics	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-mg52	Management	Principles of Management	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	3
noc25-me02	Mechanical Engineering	Advanced Machining Processes	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-me04	Mechanical Engineering	Advanced Robotics	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	3
noc25-me06	Mechanical Engineering	Applied Thermodynamics	12 weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me08	Mechanical Engineering	Basics of Finite Element Analysis - II	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG	Core	3
noc25-me09	Mechanical Engineering	Basics of Mechanical Engineering - 2	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me10	Mechanical Engineering	Computational Fluid Dynamics For Incompressible Flows	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me11	Mechanical Engineering	Computer Integrated Manufacturing	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me15	Mechanical Engineering	Design of Mechanical Transmission Systems	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me16	Mechanical Engineering	Design Practice	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me17	Mechanical Engineering	Dynamics and Control of Mechanical Systems	12 weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me28	Mechanical Engineering	Fundamental Of Welding Science And Technology	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Core	3
noc25-me31	Mechanical Engineering	Fundamentals Of Compressible Flow	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	2
noc25-me41	Mechanical Engineering	Introduction to Fluid Mechanics	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-me42	Mechanical Engineering	Introduction to Machining and Machining Fluids	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Core	2
noc25-me43	Mechanical Engineering	Introduction To Mechanical Micro Machining	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me46	Mechanical Engineering	Kinematics of Mechanisms and Machines	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me50	Mechanical Engineering	Manufacturing Guidelines For Product Design	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me51	Mechanical Engineering	Manufacturing Process Technology I & II	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	3
noc25-me52	Mechanical Engineering	Mechanical Measurement Systems	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Core	2
noc25-me53	Mechanical Engineering	Mechanics Of Machining	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me60	Mechanical Engineering	Optimization from fundamentals	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Core	3
noc25-me62	Mechanical Engineering	Power Plant System Engineering	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-me63	Mechanical Engineering	Principles Of Casting Technology	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Core	2
noc25-me64	Mechanical Engineering	Principles Of Industrial Engineering	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-me65	Mechanical Engineering	Principles Of Mechanical Measurement	12 weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-me67	Mechanical Engineering	Product Design and Manufacturing	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me68	Mechanical Engineering	Product Engineering and Design Thinking	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Core	2
noc25-me69	Mechanical Engineering	Robotics and Control : Theory and Practice	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me70	Mechanical Engineering	Robotics: Basics and Selected Advanced Concepts	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me72	Mechanical Engineering	Steam And Gas Power Systems	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Core	2
noc25-me73	Mechanical Engineering	Strength Of Materials - IITM	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG	Core	3
noc25-me74	Mechanical Engineering	Surface Engineering Of Nanomaterials	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me77	Mechanical Engineering	Thermal Engineering: Basic and Applied	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	3
noc25-me78	Mechanical Engineering	Thermodynamics	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-me83	Mechanical Engineering	Welding Metallurgy	12 weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Core	3
noc25-me84	Mechanical Engineering	Wheeled Mobile Robots	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-me85	Mechanical Engineering	Advanced Robotics Applications	8 Weeks	February 17, 2025	April 11, 2025	February 17, 2025	UG/PG	Elective	2
noc25-me86	Mechanical Engineering	Collaborative Robots (COBOTS): Theory and Practice	8 Weeks	February 17, 2025	April 11, 2025	February 17, 2025	UG/PG	Elective	2
noc25-me87	Mechanical Engineering	Cryogenic Hydrogen Technology	8 Weeks	February 17, 2025	April 11, 2025	February 17, 2025	UG/PG	Elective	2
noc25-me91	Mechanical Engineering	Mechatronics	8 Weeks	February 17, 2025	April 11, 2025	February 17, 2025	UG/PG	Elective	2
noc25-me03	Mechanical Engineering, Chemical Engineering, Aerospace Engineering	Advanced Measurement Techniques in Fluid Mechanics and Heat Transfer	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	PG	Elective	3
noc25-mm19	Metallurgical and Materials Engineering	Materials Science and Engineering	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG	Elective	2
noc25-mm27	Metallurgical and Materials Engineering	Solar Photovoltaics: Principles, Technologies & Materials	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-mm29	Metallurgical and Materials Engineering	Theory and Practice of Non Destructive Testing	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	UG/PG	Elective	2
noc25-mm01	Metallurgy, Material science, and Manufacturing	Advanced Manufacturing and Process Modelling	12 weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-ge24	Multidisciplinary	Non-conventional energy Resources	12 Weeks	January 20, 2025	April 11, 2025	January 27, 2025	UG/PG	Elective	3
noc25-ge28	Multidisciplinary	Research Methodology	8 Weeks	January 20, 2025	March 14, 2025	January 27, 2025	PG	Elective	2

Date: 04-01-2025

Prof. NARSIMHULU SANKE  
Chairperson, Board of Studies (Autonomous)  
MED. UCE (A), OU



## REGISTRATION PROCESS OF SWAYAM NPTEL COURSES BY STUDENTS OF UCE OU

(For Credit Transfer)

Select the required subjects from the recognised course list given by the corresponding CBoS (Autonomous) of various dept.'s available in the college website [www.uceou.edu](http://www.uceou.edu)

Write a Letter to the CBoS (Autonomous) seeking permission to register the subjects selected in the previous step from SWAYAM NPTEL Portal

Once the above Letter is approved by the corresponding CBoS (Autonomous) submit the copy of the approved letter to corresponding HOD's, Director of Evaluation, UCE, OU and SPOC NPTEL, UCE, OU

Then visit the SWAYAM NPTEL Website [https://swayam.gov.in/nc\\_details/NPTEL](https://swayam.gov.in/nc_details/NPTEL) for registering the courses

**Note:** The student has to write a letter addressed to CBoS (Autonomous) of the respective departments mentioning the details of the subjects that he has chosen from the recognised course list available in the college website. Then the letter has to be approved by CBoS (Autonomous). Once the letter is approved by the respective CBoS (Autonomous) the student has to submit the same to Director of Evaluation, Exam cell, UCE, OU and a copy of the same to SPOC, SWAYAM NPTEL UCE, OU. Then register for the course in SWAYAM-NPTEL Website.