



## University College of Engineering (AUTONOMOUS)

OSMANIA UNIVERSITY, HYDERABAD – 500 007.

No. 56 /Admin./UCE/2022

Date: 04-01-2022  
07

### CIRCULAR

It is hereby informed to all the students that the list of courses recognised by respective Department Chairperson Board of Studies (Autonomous) from the courses offered by SWAYAM-NPTEL for the January – April 2022 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 are pursuing their full-time internship in recognised companies and the subject/subjects they intend to register should not be studied by them in their previous semesters. However, other interested students may register

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

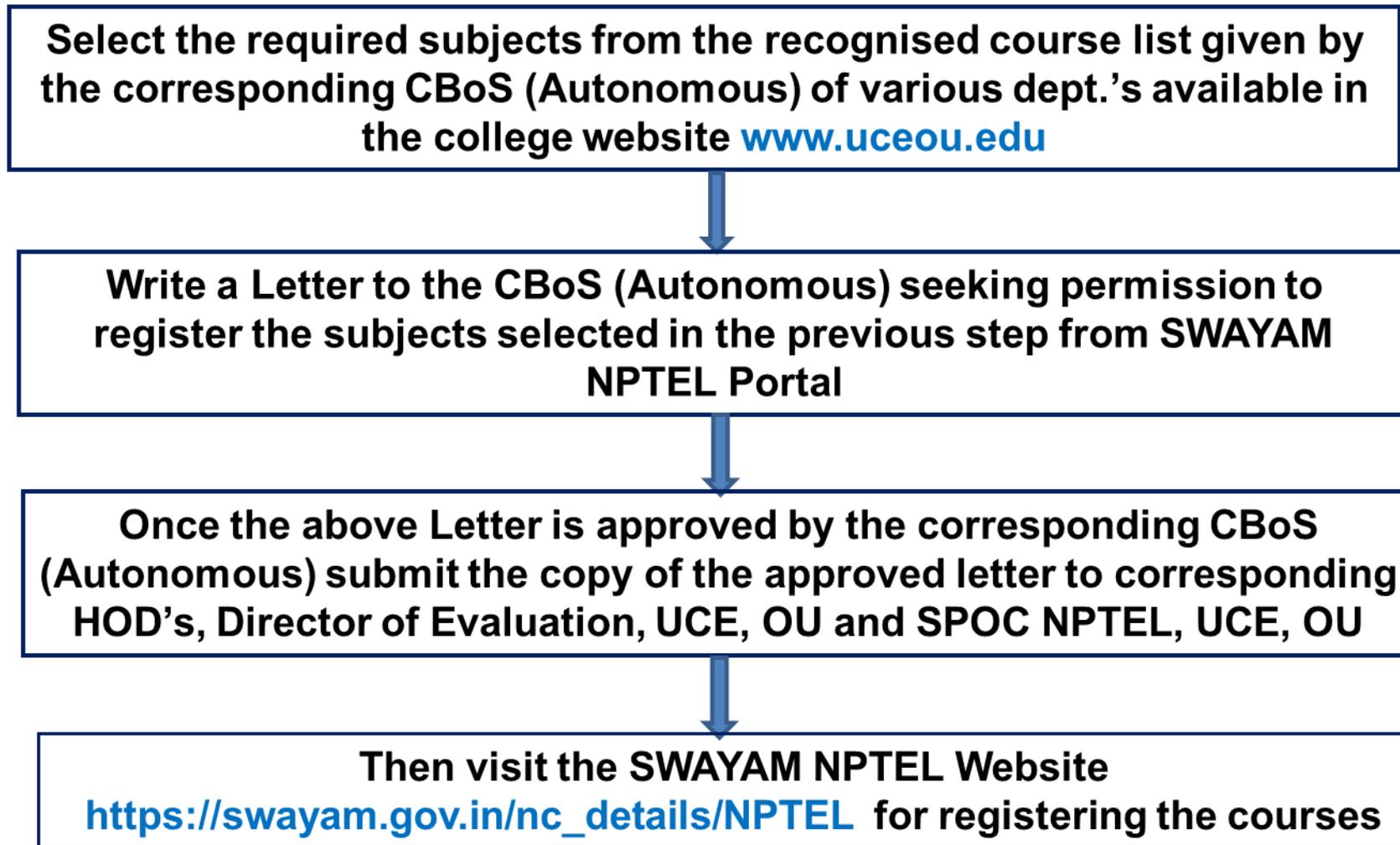
Students are also advised to select a subject equivalent to their graduating degree i.e., UG/PG and as per the credit requirements for VIII semester. Generally, for **4 weeks, 8 weeks and 12 weeks course 1, 2 and 3 credits** are offered respectively. They have to register for various courses under University College of Engineering, Osmania University Local chapter 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 first set of NPTEL courses is **31-01-2022** and second set is various NPTEL courses is **21-02-2022**. 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, 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, TPO, UCE, OU

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

(For Credit Transfer)



**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, if the student is unable to get the approval from CBoS (Autonomous) offline due to holidays then he/she has to send the scanned copy of the letter with student signature to CBoS email id (email ids are given in next page) and once the CBoS signs then send the scanned of it to Director of Evaluation, Exam cell, UCE, OU email id and SPOC, UCE, OU email id. Then register for the course in SWAYAM-NPTEL Website.

<b>Name</b>	<b>Designation, Branch</b>	<b>Email id</b>
Dr. Srinivas Medi	CBoS BME	<a href="mailto:medisrinivas@gmail.com">medisrinivas@gmail.com</a>
Prof._Sreedhar MVS	CBoS Civil Engg.	<a href="mailto:sreedgteou@gmail.com">sreedgteou@gmail.com</a>
Mr. S. Srinivas Rao	CBoS CSE	<a href="mailto:ssrinivas.s@uceou.edu">ssrinivas.s@uceou.edu</a>
Prof.P.Naveen Kumar	CBoS ECE	<a href="mailto:drnaveenkumarp9@osmania.ac.in">drnaveenkumarp9@osmania.ac.in</a>
Dr.Ch. Siva Kumar	CBoS EEE	<a href="mailto:ch_siva_kumar@rediffmail.com">ch_siva_kumar@rediffmail.com</a>
Prof.M.Chandrasekhar Reddy	CBoS MED	<a href="mailto:mcsreddy@osmania.ac.in">mcsreddy@osmania.ac.in</a>
Prof. P. Chandrasekhar	Director of Evaluation, Exam cell, UCE OU	doe_uce@osmania.ac.in
Prof. L.Siva Rama Krishna	SPOC NPTEL, UCE, OU	<a href="mailto:sivaramakrishna.l@uceou.edu">sivaramakrishna.l@uceou.edu</a>

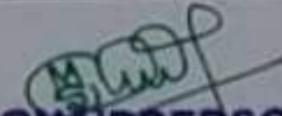


Department of Biomedical Engineering  
University College of Engineering (A),  
Osmania University, Hyderabad – 500 007

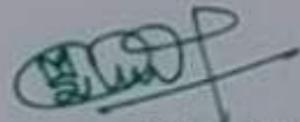
Recognised Course List of Dept. of BME, UCE, OU for

JAN-APRIL 2022 SWAYAM- NPTEL Courses

Sl. No.	Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Credits
1	noc22-bt03	Biotechnology and Bioengineering	Computational Systems Biology	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
2	noc22-bt05	Biotechnology and Bioengineering	Optical Spectroscopy and Microscopy ; Fundamentals of optical measurements and instrumentation	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
3	noc22-bt08	Biotechnology and Bioengineering	Introductory Mathematical Methods for Biologists	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
4	noc22-bt10	Biotechnology and Bioengineering	Bioengineering: An Interface with Biology and Medicine	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG	2
5	noc22-bt12	Biotechnology and Bioengineering	BioInformatics: Algorithms and Applications	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
6	noc22-bt13	Biotechnology and Bioengineering	Biostatistics and Design of experiments	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2

  
**CHAIRPERSON**  
Board OF Studies  
Dept. Of BME, UCE, OU

7	noc22-bt14	Biotechnology and Bioengineering	Demystifying The Brain	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	UG/PG	1
8	noc22-bt15	Biotechnology and Bioengineering	Medical Biomaterials	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
9	noc22-bt20	Biotechnology and Bioengineering	Data Analysis for Biologists	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
10	noc22-ge11	Multidisciplinary	Fundamental of Fluid Mechanics for Chemical and Biomedical Engineers	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3



Signature of CBoS (Autonomous)

Dept. Name: **Bio MEDICAL ENGINEERING**

**UCE, OSMANIA UNIVERSITY**

**CHAIRPERSON**

**Board OF Studies**

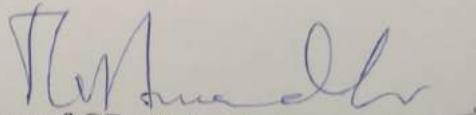
Dept. Of. ~~BME~~, UCE, OU.



**Department of Civil Engineering**  
**University College of Engineering (A)**  
**Osmania University, Hyderabad – 500 007**

**Recognised Course List of Civil Engineering Dept., UCE, OU for  
JAN-APRIL 2022 SWAYAM- NPTELCourses**

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Credits
noc22-ce14	Civil Engineering	Structural Dynamics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	Core
noc22-ce17	Civil Engineering	Electronic Waste Management - Issues And Challenges	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	Elective
noc22-ce21	Civil Engineering	Expansive Soil	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	Elective
noc22-ce28	Civil Engineering	Rock Engineering	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	Elective
noc22-ce36	Civil Engineering	Soil Structure Interaction	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	Elective
noc22-mg45	Management	E-Business	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	Elective
noc22-mg54	Management	Ethics In Engineering Practice	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	Elective
noc22-mg55	Management	Safety and Risk Analytics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	Elective
noc22-ge04	Multidisciplinary	Fuzzy Logic and Neural Networks	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	Elective
noc22-ge08	Multidisciplinary	Research Methodology	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	Elective

  
Signature of CBoS (Autonomous) 07/01/22  
Civil Engineering Department, UCE(A), OU.

Department of Computer Science & Engineering

University College of Engineering

Osmania University, Hyderabad – 500 007

Recognised Course List of CSE Dept., UCE, OU for

JAN-APRIL 2022 SWAYAM- NPTELCourses

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Credits
noc22-cs09	Computer Science and Engineering	GPU Architectures and Programming	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-cs25	Computer Science and Engineering	Model Checking	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-cs30	Computer Science and Engineering	Social Networks	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-cs34	Computer Science and Engineering	Reinforcement Learning	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-cs41	Computer Science and Engineering	Computational Geometry	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-cs44	Computer Science and Engineering	Blockchain and its Applications	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg17	Management	Management of Inventory Systems	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg23	Management	Financial Institutions and Markets	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg01	Management	Strategy and Technology : A Practical Primer	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg39	Management	Leadership and Team Effectiveness	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg48	Management	Six Sigma	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg49	Management	Talent Acquisition and Management	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3

Signature of CBoS (Autonomous)

CHAIRMAN  
Dept. Name: CSE, UCE(A), OU



**Department of Electronics & Communication Engineering**  
**University College of Engineering**  
**Osmania University, Hyderabad – 500 007**

**Recognised Course List of ECE Dept., UCE, OU for  
 JAN-APRIL 2022 SWAYAM- NPTEL Courses**

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Credits
noc22-ee60	Electrical and Electronics Engineering	Statistical Signal Processing	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-ee03	Electrical and Electronics Engineering	Fundamental of Power Electronics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee14	Electrical and Electronics Engineering	Microwave Integrated Circuits	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG	2
noc22-ee20	Electrical and Electronics Engineering	Spread Spectrum Communications and Jamming	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee21	Electrical and Electronics Engineering	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee23	Electrical and Electronics Engineering	Nonlinear and Adaptive Control	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1
noc22-ee24	Electrical and Electronics Engineering	Optimal control	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	PG	2
noc22-ee25	Electrical and Electronics Engineering	Electronics equipment integration and Prototype	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2

		building						
noc22-ee26	Electrical and Electronics Engineering	Electronics Enclosures Thermal Issues	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-ee31	Electrical and Electronics Engineering	Control engineering	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee32	Electrical and Electronics Engineering	Multirate DSP	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-ee36	Electrical and Electronics Engineering	A brief introduction of Micro - Sensors	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1
noc22-ee37	Electrical and Electronics Engineering	Analog Ic Design	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-ee01	Electrical and Electronics Engineering	Nonlinear System Analysis	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee41	Electrical and Electronics Engineering	Power Management Integrated Circuits	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee47	Electrical and Electronics Engineering	Physics of Nanoscale Devices	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee48	Electrical and Electronics Engineering	Computer Vision and Image Processing – Fundamentals and Applications	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-ee50	Electrical and Electronics Engineering	Sensors and Actuators	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ee51	Electrical and Electronics Engineering	Photonic integrated circuit	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-ee52	Electrical and Electronics Engineering	Basic Building Blocks of Microwave Engineering & Design Principles of RF And Microwave Filters And	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG	2

		Amplifiers						
noc22-ee53	Electrical and Electronics Engineering	Electric Vehicles - Part 1	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG/PG	1
noc22-ee54	Electrical and Electronics Engineering	Deep Learning for Visual Computing	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-ee56	Electrical and Electronics Engineering	Evolution Of Air Interface Towards 5G	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-ee57	Electrical and Electronics Engineering	VLSI Signal Processing	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG	2
noc22-ee58	Electrical and Electronics Engineering	Architectural Design of Digital Integrated Circuits	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-ee59	Electrical and Electronics Engineering, Physics, Biology, Biotechnology, Bioscience, Medicine, Biochemistry	Biophotonics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-ee64	Electrical and Electronics Engineering	Medical Image Analysis	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG/PG	1
noc22-ee65	Electrical and Electronics Engineering	Fundamentals of MIMO Wireless Communication	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG	2
noc22-ee67	Electrical and Electronics Engineering	Optical Fiber Sensors	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-mg36	Management	Technology Forecasting for strategic decision making - An Introduction	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1
noc22-mg02	Management	Data Analysis and Decision Making - I	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg03	Management	Data Analysis & Decision Making	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3

		- II						
noc22-mg04	Management	Management of Field Sales	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	UG/PG	1
noc22-mg05	Management	Marketing Management - II	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-mg06	Management	Managing change in organizations	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg07	Management	Financial Statement Analysis and Reporting	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg08	Management	Financial Management For Managers	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg09	Management	Business analytics and data mining Modeling using R	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg10	Management	MCDM Techniques Using R	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG/PG	1
noc22-mg11	Management	Business Analytics For Management Decision	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg12	Management	Engineering Econometrics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg13	Management	Microeconomics: Theory & Applications	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg14	Management	Supply Chain Analytics	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg15	Management	Production and Operation Management	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg16	Management	Quality Design And Control	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg17	Management	Management of Inventory Systems	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg18	Management	Simulation of Business Systems: An Applied Approach	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg19	Management	Systems Engineering: Theory & Practice	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg20	Management	Behavioral and Personal Finance	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg21	Management	Introduction to Stochastic Processes	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg22	Management	Marketing Research and Analysis-II	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3

noc22-mg23	Management	Financial Institutions and Markets	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg24	Management	Management of Commercial Banking	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg25	Management	Business Statistics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg26	Management	Marketing Analytics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg27	Management	Modelling and Analytics for Supply Chain Management	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg28	Management	Global Marketing Management	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-mg29	Management	Integrated Marketing Management	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	PG	2
noc22-mg30	Management	Introduction to Operations Research	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-mg31	Management	Introduction to probability and Statistics	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	UG/PG	1
noc22-mg32	Management	Design Thinking - A Primer	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG/PG	1
noc22-mg34	Management	Financial accounting - IITMandi	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg35	Management	Decision making with spreadsheet	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg01	Management	Strategy and Technology: A Practical Primer	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg37	Management	Leadership for India Inc: Practical Concepts and Constructs	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-mg38	Management	Integrated Marketing Communication	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg39	Management	Leadership and Team Effectiveness	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg40	Management	Quality Control and Improvement with MINITAB	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	PG	2
noc22-mg41	Management	Organization Theory/Structure and Design	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	PG	2
noc22-mg42	Management	Principles of Management	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg43	Management	Foundation Course in Managerial	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2

		Economics						
noc22-mg44	Management	Services Marketing: A Practical Approach	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	UG/PG	1
noc22-mg45	Management	E-Business	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-mg46	Management	Sales And Distribution Management	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-mg47	Management	Consumer Behaviour	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg48	Management	Six Sigma	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg49	Management	Talent Acquisition and Management	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg50	Management	International Marketing	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	PG	2
noc22-mg51	Management	Retail Management	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	PG	2
noc22-mg52	Management	Business Law for Managers	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
noc22-mg53	Management	Strategic Performance Management	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	PG	2
noc22-mg54	Management	Ethics In Engineering Practice	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-mg55	Management	Safety and Risk Analytics	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-mg56	Management	Leadership	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	UG/PG	1
noc22-ge01	Multidisciplinary	NBA Accreditation and Teaching and learning in Engineering (NATE)	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
noc22-ge02	Multidisciplinary	Designing Learner-Centric MOOCs	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1
noc22-ge03	Multidisciplinary	Entrepreneurship Essentials	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ge04	Multidisciplinary	Fuzzy Logic and Neural Networks	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
noc22-ge05	Multidisciplinary	Effective Engineering Teaching In Practice	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1
noc22-ge06	Multidisciplinary	Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-ge08	Multidisciplinary	Research Methodology	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3

noc22-ge09	Multidisciplinary	Management of Medical Emergencies in Dental Practice	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG	2
noc22-ge10	Multidisciplinary	Basic Course in Ornithology	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ge11	Multidisciplinary	Fundamental of Fluid Mechanics for Chemical and Biomedical Engineers	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
noc22-ge12	Multidisciplinary	Environmental Chemistry and Microbiology	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ge13	Multidisciplinary	Outcome Based Pedagogic Principles for Effective Teaching	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG	1
noc22-ge14	Multidisciplinary	Non-conventional energy Resources	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
noc22-ge15	Multidisciplinary	Introduction to Research	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	PG	2
noc22-ge16	Multidisciplinary	Oral Biology	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG	2
noc22-ge07	Multidisciplinary	Teaching And Learning in Engineering (TALE)	4 weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1

  
 (Prof. P. CHAIRMAN)  
 Signature of CBoS (Autonomous) BOARD OF STUDIES  
 Dept. of Electronics & Comm. Engg.  
 Dept. Name: ECE Osmania University,  
 Hyderabad-500 007.  
 UCE, OSMANIA UNIVERSITY

**Note:** The CBoS (Autonomous) is requested to send the hardcopy in the above format to Principal, UCE, OU and Prof. L.Siva Rama Krishna, SPOC, NPTEL UCE, OU by 31-12-2021 also to save time send the scanned copy of the same with your signature and dept. seal in the pdf format to SIVARAMAKRISHNA.L@UCEOU.EDU (All letters in email are small only for readability it is given in capitals) . The same softcopy will be displayed in the college website.

## Recognized List of Courses for EEE Students

S.N o.	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type of course	Start date	End date	Exam date	Enrollment End date	UG/PG	Credits
266	noc22-ee33	Electrical and Electronics Engineering	Design of Power Electronic Converters	Prof. Shabari Nath	IITG	8 Weeks	New	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022	UG/PG	2
268	noc22-ee35	Electrical and Electronics Engineering	Operation and Planning of Power Distribution Systems	Prof. Sanjib Ganguly	IITG	12 Weeks	New	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022	PG	3
271	noc22-ee38	Electrical and Electronics Engineering	Digital IC Design	Prof. Janakiraman	IITM	12 Weeks	Rerun	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022	UG	3
281	noc22-ee48	Electrical and Electronics Engineering	Computer Vision and Image Processing – Fundamentals and Applications	Prof. M. K. Bhuyan	IITG	12 Weeks	Rerun	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022	UG/PG	3
283	noc22-ee50	Electrical and Electronics Engineering	Sensors and Actuators	Prof. Hardik Jeetendra Pandya	IISc	12 Weeks	Rerun	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022		3

## Recognized List of Courses for EEE Students

286	noc22-ee53	Electrical and Electronics Engineering	Electric Vehicles - Part 1	Prof. Amit Jain	IITD	4 Weeks	Rerun	February 21, 2022	March 18, 2022	April 24, 2022	February 21, 2022	UG/P G	1
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*S/S*

*egm*

**HEAD**

Department of Electrical Engineering  
College of Engineering (A),  
Osmania University,  
Hyderabad-500 007



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

**Recognised Course List of Mechanical Dept., UCE, OU for  
JAN-APRIL 2022 SWAYAM- NPTELCourses**

S.No.	Course ID	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course Enrolment Ends	Level UG/PG	Credits
1.	noc22-de01	Design Engineering	Understanding Design	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG	1
2.	noc22-de02	Design Engineering	Fundamentals of Automotive Systems	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
3.	noc22-de05	Design Engineering	Design, Technology and Innovation	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG	2
4.	noc22-de06	Design Engineering	Strategies for Sustainable Design	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3

*2/11/2022*  
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**Osmania University**  
**Hyderabad-500 007.**

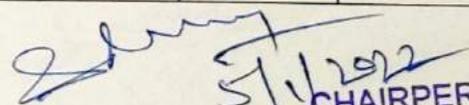
5.	noc22-de08	Design Engineering	Understanding Incubation and Entrepreneurship	12 weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
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S.No.	Course Id	Discipline	Course Name	Duration	Start date	End date	Enrollment End date	UG/PG	Credits
6.	noc22-mg08	Management	Financial Management For Managers	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
7.	noc22-mg09	Management	Business analytics and data mining Modeling using R	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
8.	noc22-mg17	Management	Management of Inventory Systems	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
9.	noc22-mg37	Management	Leadership for India Inc: Practical Concepts and Constructs	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
10.	noc22-mg48	Management	Six Sigma	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
11.	noc22-me02	Mechanical Engineering	Computational Fluid Dynamics for Incompressible Flows	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
12.	noc22-me04	Mechanical Engineering	Principles of Industrial Engineering	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
13.	noc22-me05	Mechanical Engineering	Robotics and Control : Theory and Practice	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2

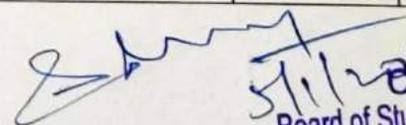
*S. Kumar*  
S. Kumar

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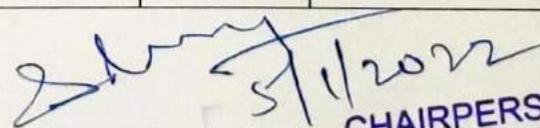
S.No.	Course Id	Discipline	Course Name	Duration	Start date	End date	Enrollment End date	UG/PG	Credits
14.	noc22-me09	Mechanical Engineering	Turbulent Combustion: Theory And Modelling	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
15.	noc22-me12	Mechanical Engineering	Automatic Control	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
16.	noc22-me14	Mechanical Engineering	Introduction To Mechanical Micro Machining	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
17.	noc22-me16	Mechanical Engineering	Nature and Properties of Materials	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG	2
18.	noc22-me17	Mechanical Engineering	Smart Materials and Intelligent System Design	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG/PG	1
19.	noc22-me18	Mechanical Engineering	Modelling and Simulation of Dynamic Systems	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
20.	noc22-me22	Mechanical Engineering	Traditional And Non-Traditional Optimization Tools	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
21.	noc22-me39	Mechanical Engineering	Robotics: Basics and Selected Advanced Concepts	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
22.	noc22-me40	Mechanical Engineering	Mechanics of Fiber Reinforced Polymer Composite Structures	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
23.	noc22-me42	Mechanical Engineering	Heat Transfer and Combustion in Multiphase Systems	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2

  
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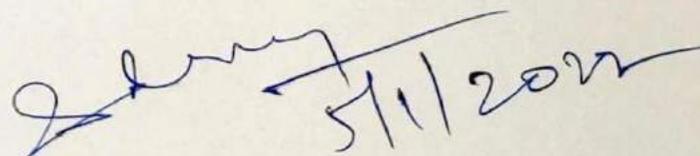
S.No.	Course Id	Discipline	Course Name	Duration	Start date	End date	Enrollment End date	UG/PG	Credits
24.	noc22-me44	Mechanical Engineering	Optimization from fundamentals	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
25.	noc22-me45	Mechanical Engineering	Theory of Composite Shells	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	PG	2
26.	noc22-me48	Mechanical Engineering	Nonlinear Vibration	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
27.	noc22-me49	Mechanical Engineering	Viscous Fluid Flow	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
28.	noc22-me50	Mechanical Engineering	Manufacturing Automation	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	UG	1
29.	noc22-me51	Mechanical Engineering	Advanced Composites	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
30.	noc22-me52	Mechanical Engineering	Noise Management & Control	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
31.	noc22-me53	Mechanical Engineering	Inspection and Quality Control in Manufacturing	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG/PG	1
32.	noc22-me54	Mechanical Engineering	Mechatronics	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
33.	noc22-me56	Mechanical Engineering	Manufacturing Guidelines for Product Design	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2

  
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S.No.	Course Id	Discipline	Course Name	Duration	Start date	End date	Enrollment End date	UG/PG	Credits
34.	noc22-me57	Mechanical Engineering	Principles of Casting Technology	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
35.	noc22-me58	Mechanical Engineering	Tools in Scientific Computing	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
36.	noc22-me59	Mechanical Engineering	Industrial Automation and Control	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG/PG	3
37.	noc22-me60	Mechanical Engineering	Machinery Fault Diagnosis and Signal Processing	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
38.	noc22-me63	Mechanical Engineering	Conduction And Convection Heat Transfer	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	UG	3
39.	noc22-mm08	Metallurgical and Materials Engineering	Solar Photovoltaics: Principles, Technologies & Materials	8 Weeks	January 24, 2022	March 18, 2022	January 31, 2022	UG/PG	2
40.	noc22-ge02	Multidisciplinary	Designing Learner-Centric MOOCs	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1
41.	noc22-ge04	Multidisciplinary	Fuzzy Logic and Neural Networks	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	UG/PG	2
42.	noc22-ge05	Multidisciplinary	Effective Engineering Teaching In Practice	4 Weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1

  
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S.No.	Course Id	Discipline	Course Name	Duration	Start date	End date	Enrollment End date	UG/ PG	Credits
43.	noc22-ge08	Multidisciplinary	Research Methodology	12 Weeks	January 24, 2022	April 15, 2022	January 31, 2022	PG	3
44.	noc22-ge13	Multidisciplinary	Outcome Based Pedagogic Principles for Effective Teaching	4 Weeks	February 21, 2022	March 18, 2022	February 21, 2022	UG	1
45.	noc22-ge15	Multidisciplinary	Introduction to Research	8 Weeks	February 21, 2022	April 15, 2022	February 21, 2022	PG	2
46.	noc22-ge07	Multidisciplinary	Teaching And Learning in Engineering (TALE)	4 weeks	January 24, 2022	February 18, 2022	January 31, 2022	PG	1

 5/11/2022

**Signature of CBoS (Autonomous)**

**Dept. Name: Mechanical Engineering**

**UCE, OSMANIA UNIVERSITY**