University College of Engineering

(AUTONOMOUS)

OSMANIA UNIVERSITY, HYDERABAD – 500 007.

No.1237/Admin./UCE/2023

Date: 24 -07-2023

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 July — December 2023** semester is herewith enclosed and uploaded in the college website i.e., 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), 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 also register for improving their personal profile.

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. 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 **31-07-2023** and second set is **21-08-2023**. 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. The registration process is explained in the attached flow chart.

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

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, TPO, UCE, OU

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

Recognised Course List of Biomedical Engineering Dept., UCE, OU for JULY-DECEMBER 2023 SWAYAM- NPTEL Courses

Course ID	Discipline	Course Name	Duration	Start date	End date	Enrollment End date	UG/ PG	Core/ Elective	Credits
noc23-bt37	Biotechnology and Bioengineering	Drug Delivery: Principles And Engineering	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Professional Elective	3
noc23-bt38	Electrical, Electronics and Communications Engineering	Fundamentals Of Micro And Nanofabrication	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Open Elective	3
noc23-bt40	Biotechnology and Bioengineering	Medical Image Analysis	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Professional Elective	3
noc23-bt47	Biotechnology and Bioengineering	Transport Phenomena In Biological Systems	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Open Elective	3
noc23-bt64	Biotechnology and Bioengineering	Computational Neuroscience	12 weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Professional Elective	3
noc23-ge34	Multidisciplinary	Neuroscience Of Human Movements	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Professional Elective	3
noc23-ge35	Multidisciplinary	Numerical Methods For Engineers	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG	Open Elective	3
noc23-mg66	Management	Human Factors Engineering	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Professional Elective	3
noc23-mg74	Management	Entrepreneurship	12 Weeks	July 24, 2023	October 13,2023	July 31, 2023	UG/ PG	Open Elective	3

Signature of CBoS (Autonomous): M. Mali

Department of Biomedical Engineering, UCE(A), OU

CHAIRPERSON
Board Of Studies
Dept. Of. BME. UCE. OU.

Department of CIVIL ENGINEERING

University College of Engineering

Osmania University, Hyderabad – 500 007

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

JULY-DECEMBER 2023 SWAYAM- NPTEL Courses

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core/ Elective	Credits
noc23-ce58	Civil Engineering	Design Of Connections In Steel Structures	4 Weeks	August 21, 2023	September 15, 2023	August 21, 2023	PG	Core	1
noc23-ce60	Civil Engineering	Geosynthetics And Reinforced Soil Structures	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ce61	Civil Engineering	Admixtures And Special Concretes	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	noc23-ce61	3
noc23-ce63	Civil Engineering	Introductory Field Structural Geology	4 Weeks	August 21, 2023	September 15, 2023	August 21, 2023	UG	noc23-ce63	1
noc23-ce66	Civil Engineering	Municipal Solid Waste Management	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-ce67	Civil Engineering	Optimization Methods For Civil Engineering	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ce68	Civil Engineering	River Engineering	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-ce69	Civil Engineering	Subsurface Exploration :Importance And Techniques Involved	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	PG	Elective	2
noc23-ce71	Civil Engineering	Environmental Geomechanics	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core	3
noc23-ce73	Civil Engineering	Dynamics Of Structures	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ce74	Civil Engineering	Introduction To Engineering Seismology	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3

noc23-ce75	Civil Engineering	Introduction to Multimodal Urban Transportation Systems (MUTS)	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ce77	Civil Engineering	Rock Mechanics And Tunneling	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ce78	Civil Engineering	Ground Improvement	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ce82	Civil Engineering	Availability And Management Of Groundwater Resources	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ce85	Civil Engineering	Wastewater Treatment And Recycling	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-ce86	Civil Engineering	Water Economics And Governance	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-ce87	Civil Engineering	Matrix Method Of Structural Analysis	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG	Core	2
noc23-ce89	Civil Engineering	Integrated Waste Management For A Smart City	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core	3
noc23-ce90	Civil Engineering	Sustainable Engineering Concepts And Life Cycle Analysis	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Core/Elective	2
noc23-ce91	Civil Engineering	Sustainable Transportation Systems	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ce92	Civil Engineering	Environmental Chemistry	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core	3
noc23-ce93	Civil Engineering	GPS Surveying	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG	Core	1
noc23-ce94	Civil Engineering	Global Navigation Satellite Systems And Applications	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Elective	1
noc23-	Civil	Advanced	12 weeks	July 24,	October	July 31,	UG/PG	Core	3

ce96	Enginee ring	Geomatics Engineering		2023	13, 2023	2023			
noc23-ce97	Civil Enginee ring	Undergroun d Space Technology	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Electiv e	3
noc23-ce98	Civil Enginee ring	Environment al Modeling And Simulation	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Electiv e	3
noc23-ce99	Civil Enginee ring	Pavement Materials (Under Pavement Engineering)	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3

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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
JULY-DECEMBER 2023 SWAYAM- NPTEL Courses

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core / Elective	Credits
Professional Elective – VII -Semester									
noc23-cs100	Computer Science and Engineering	Reinforcement Learning	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-cs102	Computer Science and Engineering	Parameterized Algorithms	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
Professional Elective – VIII - Semester									
noc23-cs107	Computer Science and Engineering	Social Networks	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3
noc23-cs116	Computer Science and Engineering	Design & Implementation of Human-Computer Interfaces	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
Open Elective for CSE									
noc23-mg102	Management	Working Capital	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg107	Management	Project Management for Managers	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3
noc23-mg118	Management	Advanced Business Decision Support Systems	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
Open Elective for CSE offer by other branches									
noc23-cs103	Computer Science and Engineering	Getting Started With Competitive Programming	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3

(S. Srinivasa Rao)
CHAIRMAN
Board of Studies in Signature of CBoS (Autonomous)
Dept. of Computer Scie Dept Name: CSE, UCE(A), OU
College Of Engg., O.U. Hyderabad, OSMANIA UNIVERSITY

Department of Electronics and Communication Engineering

University College of Engineering

Osmania University, Hyderabad – 500 007

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

JULY- DECEMBER 2023 SWAYAM - NPTEL Courses

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core/ Elective	Credits
noc23-ee100	Electrical and Electronics Engineering	Applied Linear Algebra For Signal Processing, Data Analytics And Machine Learning	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-ee101	Electrical and Electronics Engineering	An Introduction To Coding Theory	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-ee103	Electrical and Electronics Engineering	Stochastic Control And Communication	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ee105	Electrical and Electronics Engineering	Transducers For Instrumentation	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ee107	Electrical and Electronics Engineering	Design Of Photovoltaic Systems	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee108	Electrical and Electronics Engineering	Enclosure Design Of Electronics Equipment	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee109	Electrical and Electronics Engineering	Fabrication Techniques For Mems-Based Sensors : Clinical Perspective	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3
noc23-ee110	Electrical and Electronics Engineering	Electronic Systems For Cancer Diagnosis	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee112	Electrical and Electronics Engineering	Electrical Measurement And Electronic Instruments	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Core	3
noc23-ee119	Electrical and Electronics Engineering	Pattern Recognition And Application	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee121	Electrical and Electronics Engineering	Basics Of Software Defined Radios	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Elective	1

noc23-ee122	Electrical and Electronics Engineering	Advanced Linear Continuous Control Systems: Applications With Matlab Programming And Simulink	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Core/Elective	2
noc23-ee124	Electrical and Electronics Engineering	Smart Grid: Basics To Advanced Technologies	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-ee131	Electrical and Electronics Engineering	Deep Learning	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee134	Electrical and Electronics Engineering	Digital Control in Switched Mode Power Converters and FPGA-based Prototyping	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee135	Electrical and Electronics Engineering	VLSI Interconnects	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-ee136	Electrical and Electronics Engineering	Simulation Of Communication Systems Using Matlab	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3
noc23-ee138	Electrical and Electronics Engineering	Introduction To Adaptive Signal Processing	8 weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-ee139	Electrical and Electronics Engineering	Nanobiophotonics: Touching Our Daily Life	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ee141	Electronics and Electrical Engineering, Physics	Nanophotonics, Plasmonics, And Metamaterials	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee86	Electrical and Electronics Engineering	Fundamentals Of Nano And Quantum Photonics	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee87	Electrical and Electronics Engineering	Machine Learning And Deep Learning - Fundamentals And Applications	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3
noc23-ee88	Electrical and Electronics Engineering	System Design Through Verilog	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-ee89	Electrical and Electronics Engineering	Introductory Neuroscience & Neuro-Instrumentation	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3

noc23-ee90	Electrical and Electronics Engineering	Mathematical Aspects Of Biomedical Electronic System Design	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ee95	Electrical and Electronics Engineering	Sensor Technologies: Physics, Fabrication, And Circuits	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-ge30	Multidisciplinary	Similitude And Approximations In Engineering	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-ge33	Multidisciplinary	Ecology And Environment	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG	Core	2
noc23-ge34	Multidisciplinary	Neuroscience Of Human Movements	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ge35	Multidisciplinary	Numerical Methods For Engineers	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Core	3
noc23-ge36	Multidisciplinary	Introduction To Research **New title: Research Methodology**	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	PG	Elective	2
noc23-ge39	Multidisciplinary	Manage TB	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	PG	Elective	2
noc23-ge40	Multidisciplinary	Fundamentals Of Artificial Intelligence	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ge41	Multidisciplinary	Solar Energy Engineering And Technology	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ge42	Multidisciplinary	Learning Analytics Tools	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ge43	Multidisciplinary	Designing Learner-Centric E-Learning In Stem Disciplines	4 Weeks	August 21, 2023	September 15, 2023	August 21, 2023	UG/PG	Elective	1
noc23-ge44	Multidisciplinary	Bandit Algorithm (Online Machine Learning)	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ge45	Multidisciplinary	Teaching And Learning In General Programs: TALG	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	PG	Elective	1

Prof.P.NaveenKumar
Signature of CBoS (Autonomous)
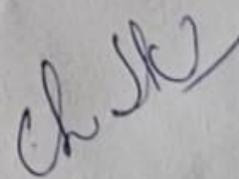Dept.: Dept. of ECE, UCE(A),OU

Department of ELECTRIAL ENGINEERING

University College of Engineering(a)

Osmania University, Hyderabad – 500 007

Recognised Course List of NPTEL COURCES Dept., UCE, OU for JULY-DECEMBER 2023 SWAYAM- NPTEL Courses

Course Id	Discipline	Course Name	Duration	Course Start Date	Course End Date	Course enrolment ends	Level (UG/PG)	Core/ Elective	Credits
noc23-ee122	Electrical and Electronics Engineering	Advanced Linear Continuous Control Systems: Applications With Matlab Programming And Simulink	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Core/Elective	noc23-ee122
noc23-ee127	Electrical and Electronics Engineering	Advance Power Electronics And Control	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	noc23-ee127
noc23-ee93	Electrical and Electronics Engineering	Real-Time Digital Signal Processing	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	noc23-ee93
noc23-ge40	Multidisciplinary	Fundamentals Of Artificial Intelligence	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	noc23-ge40
noc23-ge41	Multidisciplinary	Solar Energy Engineering And Technology	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	noc23-ge41

Signature of CBoS (Autonomous)

Dept. Name: EED, UCE(A), OU

OSMANIA UNIVERSITY

CHAIRMAN

Board of Studies in Electrical Engg

Osmania University.

Hyderabad - 500 007.

Department of Mechanical Engineering
University College of Engineering (Autonomous), Osmania University, Hyderabad – 500 007
Recognised Course List of Mechanical Engg. Dept., UCE, OU for
JULY-DECEMBER 2023 SWAYAM- NPTELCourses

Course ID	Discipline	Course Name	Duration	Start date	End date	Enrolment End date	UG/PG	Core/Elective	Credits
noc23-de18	Design Engineering	Innovation By Design	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG	Elective	1
noc23-de20	Design Engineering	Design, Technology And Innovation	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG	Elective	2
noc23-de21	Design Engineering	Ergonomics Research Techniques	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ge35	Multidisciplinary	Numerical Methods For Engineers	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Core	3
noc23-ge40	Multidisciplinary	Fundamentals Of Artificial Intelligence	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-ge41	Multidisciplinary	Solar Energy Engineering And Technology	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ge42	Multidisciplinary	Learning Analytics Tools	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-ge45	Multidisciplinary	Teaching And Learning In General Programs: TALG	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	PG	Elective	1
noc23-ge47	Multidisciplinary, Energy, Mechanical Engineering, Electrical Engineering and Chemical Engineering	Sustainable Power Generation Systems	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me101	Mechanical Engineering	Advanced Thermodynamics And Combustion	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core	3
noc23-me102	Mechanical Engineering	Advances In Welding And Joining Technologies	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-me103	Mechanical Engineering	Aircraft Propulsion	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3

noc23-me106	Mechanical Engineering	Computational Continuum Mechanics	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-me108	Mechanical Engineering	Laser Based Manufacturing	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-me109	Mechanical Engineering	Mathematical Modeling Of Manufacturing Processes	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me110	Mechanical Engineering	Steam Power Engineering	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG	Core	2
noc23-me113	Mechanical Engineering	Experimental Modal Analysis	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me115	Mechanical Engineering	Vibrations Of Plates And Shells	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-me116	Mechanical Engineering	Advanced Dynamics	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3
noc23-me117	Mechanical Engineering	Biomechanics Of Joints And Orthopaedic Implants	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-me118	Mechanical Engineering	Mechanism And Robot Kinematics	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-me121	Mechanical Engineering	Heat Exchangers: Fundamentals And Design Analysis	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-me122	Mechanical Engineering	Energy Conservation And Waste Heat Recovery	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me123	Mechanical Engineering	Product Design And Development	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Elective	1
noc23-me127	Mechanical Engineering	Selection Of Nanomaterials For Energy Harvesting And Storage Application	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Core/Elective	1
noc23-me128	Mechanical Engineering	Structural Analysis Of Nanomaterials	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Core/Elective	1
noc23-me134	Mechanical Engineering	Microfluidics And Nanofluidics	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me135	Mechanical Engineering	Applied Numerical Methods	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core/Elective	3

noc23-me136	Mechanical Engineering	Design Of Mechatronic Systems	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me137	Mechanical Engineering	Nonlinear Adaptive Control	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-me138	Mechanical Engineering, Chemical Engineering	Sustainable Energy Technology	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me139	Mechanical Engineering, Material Science, Aerospace Engineering, Automotive Engineering, Civil Engineering	Mechanical Behavior Of Polymers And Composites	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me143	Mechanical Engineering	Industrial Robotics : Theories For Implementation	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me71	Mechanical Engineering	Social Innovation In Industry 4.0	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me73	Mechanical Engineering	Engineering Fracture Mechanics	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-me77	Mechanical Engineering	Computational Fluid Dynamics Using Finite Volume Method	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me79	Mechanical Engineering	Mechanics And Control Of Robotic Manipulators	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-me80	Mechanical Engineering	Interfacial Fluid Mechanics	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-me84	Mechanical Engineering	Foundations Of Cognitive Robotics	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	PG	Elective	1
noc23-me85	Mechanical Engineering	Principles Of Vibration Control	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Core/Elective	1
noc23-me87	Mechanical Engineering	Design Practice - II	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2

noc23-me92	Mechanical Engineering	Metal Additive Manufacturing	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me93	Mechanical Engineering	Conduction And Convection: Fundamentals And Applications	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-me94	Mechanical Engineering	Computational Fluid Dynamics And Heat Transfer	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core/Elective	3
noc23-me95	Mechanical Engineering	Fundamentals Of Conduction And Radiation	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Core	3
noc23-me96	Mechanical Engineering	Dynamic Behaviour Of Materials	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-me97	Mechanical Engineering	Applied Thermodynamics For Engineers	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Core	3
noc23-me98	Mechanical Engineering	Principle Of Hydraulic Machines And System Design	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3
noc23-me99	Mechanical Engineering	Advanced Machining Processes	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-mg100	Management	Retail Marketing Strategy	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-mg102	Management	Working Capital Management	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg103	Management	Business Analytics & Data Mining Modeling Using R Part II	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Elective	1
noc23-mg104	Management	Business Analytics & Text Mining Modeling Using Python	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG	Elective	2
noc23-mg105	Management	Toyota Production System	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-mg106	Management	Marketing Research And Analysis	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Core/Elective	2
noc23-mg107	Management	Project Management For Managers	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3

noc23-mg109	Management	Manufacturing Strategy	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-mg110	Management	Product And Brand Management	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg111	Management	Quantitative Investment Management	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg112	Management	Security Analysis & Portfolio Management	12 weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg115	Management	Services Marketing : Integrating People, Technology, Strategy	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	PG	Elective	2
noc23-mg116	Management	Innovation, Business Models And Entrepreneurship	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-mg117	Management	Brand Management	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	PG	Elective	2
noc23-mg118	Management	Advanced Business Decision Support Systems	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	elective	3
noc23-mg119	Management	Advanced Algorithmic Trading And Portfolio Management	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-mg120	Management	Business To Business Marketing (B2B)	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg121	Management	Designing Work Organization	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg124	Management	Project Management : Planning, Execution, Evaluation And Control	8 weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG/PG	Elective	2
noc23-mg126	Management & Entrepreneurship	Business Fundamentals For Entrepreneurs (Part 1: Internal Operation)	4 Weeks	August 21, 2023	September 15, 2023	August 21, 2023	UG/PG	Core/elective	1
noc23-mg66	Management	Human Factors Engineering	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg68	Management	Intellectual Property Rights And Competition Law	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-mg69	Management	Project Management	8 Weeks	July 24,	September	July 31,	UG	Elective	2

				2023	15, 2023	2023			
noc23-mg70	Management	Decision-Making Under Uncertainty	4 Weeks	August 21, 2023	September 15, 2023	August 21, 2023	UG/PG	Elective	1
noc23-mg71	Management	Operations And Supply Chain Management	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg72	Management	Design Thinking - A Primer	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Elective	1
noc23-mg73	Management	Organizational Behaviour	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core/Elective	3
noc23-mg74	Management	Entrepreneurship	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3
noc23-mg75	Management	Strategy And Technology: A Practical Primer	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Core	3
noc23-mg76	Management	Marketing Management - I	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG	Elective	2
noc23-mg77	Management	Managing Services	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	PG	Elective	2
noc23-mg78	Management	Data Analysis & Decision Making - III	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-mg82	Management	Game Theory	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG	Elective	2
noc23-mg84	Management	Business And Sustainable Development	4 Weeks	August 21, 2023	September 15, 2023	August 21, 2023	UG/PG	Elective	1
noc23-mg85	Management	Strategic Management – The Competitive Edge	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	PG	Elective	2
noc23-mg86	Management	Commodity Derivatives & Risk Management	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-mg87	Management	Management Information System	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core	3
noc23-mg88	Management	E-Business	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG	Elective	3
noc23-mg89	Management	Automation In Production Systems And Management	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	UG/PG	Elective	3
noc23-mg93	Management	Strategic Management For Competitive Advantage	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Core	3

noc23-mg95	Management	Strategic Communication For Sustainable Development	4 Weeks	July 24, 2023	August 18, 2023	July 31, 2023	UG/PG	Elective	1
noc23-mg96	Management	Knowledge Management	8 Weeks	July 24, 2023	September 15, 2023	July 31, 2023	UG	Elective	2
noc23-mg97	Management	Ethics In Engineering Practice	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2
noc23-mg98	Management	Industrial Safety Engineering	12 Weeks	July 24, 2023	October 13, 2023	July 31, 2023	PG	Elective	3
noc23-mg99	Management	Patent Search For Engineers And Lawyers	8 Weeks	August 21, 2023	October 13, 2023	August 21, 2023	UG/PG	Elective	2

Signature of CBoS (Autonomous)
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