



Course Name(ENG)	Year (Grade)	Credit	No of Students	Course Type	Department	Major
Processing Streaming Big Data of IoT	0	3	10	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)
Program Analysis	0	3	20	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)
Cryptography	0	3	0	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)
Seminar In Industrial & Management Engineering	0	3	30	Elective Major	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)
Advanced Inventory Management	0	3	30	Elective Major	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)
Advanced Pharmaceutical Analysis	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
ADVANCED PREVENTIVE PHARMACY	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
ADVANCED DISPERSE SYSTEM	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
Advanced molecular biology	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
Advanced Natural Products Chemistry	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
Advanced pharmacotherapy (II)	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
ADVANCED MEDICINAL CHEMISTRY(I)	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
MOLECULAR ONCOLOGY	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
Trends in Pharmacology for Human Disorder	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)



Advanced Chemical Reaction and Dynamics	0	3	0	Elective Major	DEPARTMENT OF APPLIED CHEMISTRY(H0000939)	DEPARTMENT OF APPLIED CHEMISTRY(H0000939)
Application of Computational Materials Science	0	3	20	Elective Major	DEPARTMENT OF BIONANOTECHNOLOGY(H0001380)	DEPARTMENT OF BIONANOTECHNOLOGY(H0001380)
Advanced Polymer Chemistry	0	3	20	Elective Major	DEPARTMENT OF BIONANOTECHNOLOGY(H0001380)	DEPARTMENT OF BIONANOTECHNOLOGY(H0001380)
Advanced Nanomaterials Chemistry	0	3	20	Elective Major	DEPARTMENT OF BIONANOTECHNOLOGY(H0001380)	DEPARTMENT OF BIONANOTECHNOLOGY(H0001380)
Research Method for Construction	0	3	30	Elective Research	DEPARTMENT OF ARCHITECTURAL ENGINEERING(H0003810)	DEPARTMENT OF ARCHITECTURAL ENGINEERING(H0003810)
Advanced Linear Algebra and Elementary Calculus of Variation	0	3	30	Elective Major	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)
LUBRICATION THEORY FOR TURBOMACHINERY 2	0	3	30	Elective Major	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)
Air Film Lubrication	0	3	30	Elective Major	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)
ADVANCED ROCK MECHANICS	0	3	30	Elective Major	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)
HYDROSYSTEM RISK ANALYSIS	0	3	30	Elective Major	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)
DESIGN OF CONCRETE DURABILITY	0	3	30	Elective Major	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)
TECHNICAL COMMUNICATION AND RESEARCH ETHIC	0	3	30	Elective Research	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)
Multimedia Signal Processing	0	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)



Reliable Computing	0	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
Microwave Power Amplifier Theory1	0	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
WRITING RESEARCH PAPERS	0	3	30	Elective Research	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
Markov Decision Processes in Artificial Intelligence (FIR)	0	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
DC HIGH VOLTAGE ENGINEERING	0	3	40	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
Advanced Solid State Physics	0	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
FUNCTIONAL NANO-COMPOSITE MATERIALS	0	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
Electrochemistry of Materials	0	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
Advanced semiconductor processing	0	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
ADVANCED PHARMACEUTICAL SYNTHETIC CHEMISTRY (II)	0	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)