



Course Name(ENG)	Credit	No of Students	Course Type	Department	Major
Game theory with management science applications	3	30	Elective Major	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)
Theoretical Statistics	3	30	Elective Major	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)	DEPARTMENT OF INDUSTRIAL MANAGEMENT ENGINEERING(H0000753)
SPECIAL CONCRETE DESIGN	3	30	Elective Major	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)
DESIGN OF TUNNEL AND UNDERGROUND SPACE	3	30	Elective Major	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)	CIVIL AND ENVIRONMENTAL SYSTEM ENGINEERING(H0004304)
Signal Transduction	3	20	Elective Major	DEPARTMENT OF MOLECULAR & LIFE SCIENCE(H0000806)	DEPARTMENT OF MOLECULAR & LIFE SCIENCE(H0000806)
Thesis and Journal Writing in English	3	40	Elective Core General	GRADUATE SCHOOL AFFARIS TEAM(H0003971)	GRADUATE SCHOOL AFFARIS TEAM(H0003971)
Advanced VLSI Devices	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
Malicious Code	3	25	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)
Bioinformatics	3	25	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)
Numerical Linear Algebra	3	25	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H0000706)
Fundamentals of Reinforcement Learning(FIR)	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
introduction to smart grid	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
Artificial Intelligence and Problem Solving	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)
AI-Enabled Communication System(FIR)	3	30	Elective Major	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING(H0004306)



Next Generation Wireless Communications	3	20	Elective Major	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H000706)	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(H000706)
Introduction to Microelectromechanical System	3	30	Elective Major	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)	DEPARTMENT OF MECHANICAL DESIGN ENGINEERING(H0003828)
Semiconductor Wet Process Engineering	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
NANOPARTICULATE ENGINEERING	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
Composite Materials	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
Advanced Instrumental Analysis	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
ADVANCED POLYMER BASED NANOMATERIALS	3	25	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
POLYMER NANOCOMPOSITES	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
ADVANCED FINE CHEMICAL PROCESS	3	30	Elective Major	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)	DEPARTMENT OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING(H0004307)
Methods in Molecular Biology	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
Smart Drug Delivery System	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
CURRENT TOPICS IN CHEMICAL BIOLOGY	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
Advanced Medicinal Chemistry II	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)
DRUG INFORMATION & LITERATURE EVALUATION	3	20	Elective Major	DEPARTMENT OF PHARMACY(H0000871)	DEPARTMENT OF PHARMACY(H0000871)