

Regulation	Course	Branch_code	Year	Sem	Subcode	Subname
R16	B.Tech	1	1	1	R161101	ENGLISH-I
R16	B.Tech	1	1	1	R161102	MATHEMATICS-I
R16	B.Tech	1	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	1	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	1	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	1	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	1	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	1	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	1	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	1	1	2	R161201	ENGLISH-II
R16	B.Tech	1	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	1	1	2	R161203	MATHEMATICS - III
R16	B.Tech	1	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	1	1	2	R161206	ENGINEERING DRAWING
R16	B.Tech	1	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	1	1	2	R161222	ENGINEERING/APPLIED PHYSICS LAB
R16	B.Tech	1	1	2	R161223	ENGINEERING/APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	1	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	1	1	2	R161232	ELEMENTS OF MECHANICAL ENGINEERING
R16	B.Tech	1	2	1	R1621011	PROBABILITY AND STATISTICS
R16	B.Tech	1	2	1	R1621012	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R16	B.Tech	1	2	1	R1621013	STRENGTH OF MATERIALS-I
R16	B.Tech	1	2	1	R1621014	BUILDING MATERIALS & CONSTRUCTION
R16	B.Tech	1	2	1	R1621015	SURVEYING
R16	B.Tech	1	2	1	R1621016	FLUID MECHANICS
R16	B.Tech	1	2	1	R1621017	SURVEY FIELD WORK - I
R16	B.Tech	1	2	1	R1621018	STRENGTH OF MATERIALS LAB
R16	B.Tech	1	2	1	R1621019	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	1	2	1	RA1621011	ELEMENTS OF MECHANICAL ENGINEERING
R16	B.Tech	1	2	2	R1622011	BUILDING PLANNING & DRAWING
R16	B.Tech	1	2	2	R1622012	STRENGTH OF MATERIALS - II
R16	B.Tech	1	2	2	R1622013	HYDRAULICS & HYDRAULIC MACHINERY
R16	B.Tech	1	2	2	R1622014	CONCRETE TECHNOLOGY
R16	B.Tech	1	2	2	R1622015	STRUCTURAL ANALYSIS - I
R16	B.Tech	1	2	2	R1622016	TRANSPORTATION ENGINEERING - I
R16	B.Tech	1	2	2	R1622017	FM & HM LAB
R16	B.Tech	1	2	2	R1622018	SURVEY FIELD WORK - II
R16	B.Tech	1	2	2	R1622019	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	1	3	1	P1622016	TRANSPORTATION ENGINEERING - I
R16	B.Tech	1	3	1	R1631011	MANAGEMENT SCIENCE
R16	B.Tech	1	3	1	R1631012	ENGINEERING GEOLOGY
R16	B.Tech	1	3	1	R1631013	STRUCTURAL ANALYSIS -II
R16	B.Tech	1	3	1	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE STRUCTURES
R16	B.Tech	1	3	1	R1631015	TRANSPORTATION ENGINEERING - II
R16	B.Tech	1	3	1	R1631016	CONCRETE TECHNOLOGY LAB
R16	B.Tech	1	3	1	R1631017	GEOLOGY LAB
R16	B.Tech	1	3	1	R1631018	TRANSPORTATION ENGINEERING LAB
R16	B.Tech	1	3	2	P1631015	TRANSPORTATION ENGINEERING - II
R16	B.Tech	1	3	2	P1631018	TRANSPORTATION ENGINEERING LAB
R16	B.Tech	1	3	2	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES
R16	B.Tech	1	3	2	R1632012	GEOTECHNICAL ENGINEERING - I
R16	B.Tech	1	3	2	R1632013	ENVIRONMENTAL ENGINEERING -I
R16	B.Tech	1	3	2	R1632014	WATER RESOURCE ENGINEERING -I
R16	B.Tech	1	3	2	R1632016	GEOTECHNICAL ENGINEERING LAB
R16	B.Tech	1	3	2	R1632017	ENVIRONMENTAL ENGINEERING LAB
R16	B.Tech	1	3	2	R1632018	COMPUTER AIDED ENGINEERING LAB
R16	B.Tech	1	3	2	R163201A	ELECTRONIC INSTRUMENTATION
R16	B.Tech	1	3	2	R163201B	DATA BASE MANAGEMENT SYSTEMS
R16	B.Tech	1	3	2	R163201C	ALTERNATIVE ENERGY SOURCES
R16	B.Tech	1	3	2	R163201D	WASTE WATER MANAGEMENT
R16	B.Tech	1	3	2	R163201E	FUNDAMENTALS OF LIQUEFIED NATURAL GAS
R16	B.Tech	1	3	2	R163201F	GREEN FUEL TECHNOLOGIES
R16	B.Tech	1	4	1	P1641011	WASTE WATER MANAGEMENT
R16	B.Tech	1	4	1	P1641012	MANAGEMENT SCIENCE
R16	B.Tech	1	4	1	R1641011	ENVIRONMENTAL ENGINEERING-II
R16	B.Tech	1	4	1	R1641012	WATER RESOURCES ENGINEERING - II
R16	B.Tech	1	4	1	R1641013	GEOTECHNICAL ENGINEERING-II
R16	B.Tech	1	4	1	R1641014	REMOTE SENSING AND GIS APPLICATIONS
R16	B.Tech	1	4	1	R1641017	GIS & CAD LAB
R16	B.Tech	1	4	1	R1641018	IRRIGATION DESIGN & DRAWING
R16	B.Tech	1	4	1	R1641019	IPR & PATENTS
R16	B.Tech	1	4	1	R164101A	FINITE ELEMENT METHODS (ONLY FOR CIVIL)
R16	B.Tech	1	4	1	R164101B	GROUND IMPROVEMENT TECHNIQUES
R16	B.Tech	1	4	1	R164101C	AIR POLLUTION & CONTROL
R16	B.Tech	1	4	1	R164101D	URBAN HYDROLOGY
R16	B.Tech	1	4	1	R164101E	TRAFFIC ENGINEERING
R16	B.Tech	1	4	1	R164101F	ADVANCED STRUCTURAL ENGINEERING
R16	B.Tech	1	4	1	R164101G	ADVANCED FOUNDATION ENGINEERING
R16	B.Tech	1	4	1	R164101H	ENVIRONMENTAL IMPACT ASSESSMENT & MANAGEMENT
R16	B.Tech	1	4	1	R164101I	GROUND WATER DEVELOPMENT
R16	B.Tech	1	4	1	R164101J	PAVEMENT ANALYSIS AND DESIGN
R16	B.Tech	1	4	2	R1642011	ESTIMATION SPECIFICATION AND CONTRACTS
R16	B.Tech	1	4	2	R1642012	CONSTRUCTION TECHNOLOGY AND MANAGEMENT
R16	B.Tech	1	4	2	R1642013	PRESTRESSED CONCRETE
R16	B.Tech	1	4	2	R1642015	SEMINAR ON INTERNSHIP PROJECT
R16	B.Tech	1	4	2	R1642016	PROJECT
R16	B.Tech	1	4	2	R164201A	BRIDGE ENGINEERING
R16	B.Tech	1	4	2	R164201B	SOIL DYNAMICS AND FOUNDATIONS

R16	B.Tech	1	4	2	R164201C	SOLID AND HAZARDOUS WASTE MANAGEMENT
R16	B.Tech	1	4	2	R164201D	WATER RESOURCES SYSTEMS PLANNING
R16	B.Tech	1	4	2	R164201E	URBAN TRANSPORTATION PLANNING ENGG
R16	B.Tech	2	1	1	R161101	ENGLISH-I
R16	B.Tech	2	1	1	R161102	MATHEMATICS-I
R16	B.Tech	2	1	1	R161106	APPLIED CHEMISTRY
R16	B.Tech	2	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	2	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	2	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	2	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	2	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	2	1	1	R161122	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	2	1	2	R161201	ENGLISH-II
R16	B.Tech	2	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	2	1	2	R161203	MATHEMATICS - III
R16	B.Tech	2	1	2	R161206	ENGINEERING DRAWING
R16	B.Tech	2	1	2	R161207	APPLIED PHYSICS
R16	B.Tech	2	1	2	R161208	ELECTRICAL CIRCUIT ANALYSIS - I
R16	B.Tech	2	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	2	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	2	1	2	R161225	APPLIED/ENGINEERING PHYSICS LABORATORY
R16	B.Tech	2	1	2	R161226	APPLIED/ENGINEERING PHYSICS-VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	2	1	2	RA161221	COMPUTER PROGRAMMING
R16	B.Tech	2	1	2	RA161222	APPLIED CHEMISTRY
R16	B.Tech	2	1	2	RA161223	ENGINEERING MECHANICS
R16	B.Tech	2	1	2	RA161224	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	2	1	2	RA161225	COMPUTER PROGRAMMING LAB
R16	B.Tech	2	2	1	R1621021	ELECTRICAL CIRCUIT ANALYSIS - II
R16	B.Tech	2	2	1	R1621022	ELECTRICAL MACHINES-I
R16	B.Tech	2	2	1	R1621023	BASIC ELECTRONICS AND DEVICES
R16	B.Tech	2	2	1	R1621024	ELECTRO MAGNETIC FIELDS
R16	B.Tech	2	2	1	R1621025	THERMAL AND HYDRO PRIME MOVERS
R16	B.Tech	2	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	2	2	1	R1621027	THERMAL AND HYDRO LABORATORY
R16	B.Tech	2	2	1	R1621028	ELECTRICAL CIRCUITS LABORATORY
R16	B.Tech	2	2	2	R1622021	ELECTRICAL MEASUREMENTS
R16	B.Tech	2	2	2	R1622022	ELECTRICAL MACHINES-II
R16	B.Tech	2	2	2	R1622023	SWITCHING THEORY AND LOGIC DESIGN
R16	B.Tech	2	2	2	R1622024	CONTROL SYSTEMS
R16	B.Tech	2	2	2	R1622025	POWER SYSTEMS-I
R16	B.Tech	2	2	2	R1622026	MANAGEMENT SCIENCE
R16	B.Tech	2	2	2	R1622027	ELECTRICAL MACHINES -I LABORATORY
R16	B.Tech	2	2	2	R1622028	ELECTRONIC DEVICES & CIRCUITS LABORATORY
R16	B.Tech	2	3	1	P1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	2	3	1	R1631021	POWER SYSTEMS-II
R16	B.Tech	2	3	1	R1631022	RENEWABLE ENERGY SOURCES
R16	B.Tech	2	3	1	R1631023	SIGNALS AND SYSTEMS
R16	B.Tech	2	3	1	R1631024	PULSE & DIGITAL CIRCUITS
R16	B.Tech	2	3	1	R1631025	POWER ELECTRONICS
R16	B.Tech	2	3	1	R1631026	ELECTRICAL MACHINES-II LABORATORY
R16	B.Tech	2	3	1	R1631027	CONTROL SYSTEMS LABORATORY
R16	B.Tech	2	3	1	R1631028	ELECTRICAL MEASUREMENTS LABORATORY
R16	B.Tech	2	3	1	R1631029	IPR & PATENTS
R16	B.Tech	2	3	2	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES
R16	B.Tech	2	3	2	R1632022	POWER SYSTEM ANALYSIS
R16	B.Tech	2	3	2	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS
R16	B.Tech	2	3	2	R1632024	DATA STRUCTURES
R16	B.Tech	2	3	2	R1632026	POWER ELECTRONICS LABORATORY
R16	B.Tech	2	3	2	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABORATORY
R16	B.Tech	2	3	2	R1632028	DATA STRUCTURES LABORATORY
R16	B.Tech	2	3	2	R1632029	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	2	3	2	R163202A	UNIX AND SHELL PROGRAMMING
R16	B.Tech	2	3	2	R163202B	OOPS THROUGH JAVA
R16	B.Tech	2	3	2	R163202C	VLSI DESIGN
R16	B.Tech	2	3	2	R163202D	ROBOTICS
R16	B.Tech	2	3	2	R163202E	NEURAL NETWORKS & FUZZY LOGIC
R16	B.Tech	2	3	2	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT
R16	B.Tech	2	4	1	R1641021	UTILIZATION OF ELECTRICAL ENERGY
R16	B.Tech	2	4	1	R1641022	LINEAR IC APPLICATION
R16	B.Tech	2	4	1	R1641023	POWER SYSTEM OPERATION & CONTROL
R16	B.Tech	2	4	1	R1641024	SWITCHGEAR AND PROTECTION
R16	B.Tech	2	4	1	R1641027	ELECTRICAL SIMULATION LABORATORY
R16	B.Tech	2	4	1	R1641028	POWER SYSTEMS & SIMULATION LABORATORY
R16	B.Tech	2	4	1	R164102A	ELECTRICAL MACHINE MODELING AND ANALYSIS
R16	B.Tech	2	4	1	R164102B	ADVANCED CONTROL SYSTEMS
R16	B.Tech	2	4	1	R164102C	PROGRAMMABLE LOGIC CONTROLLERS & APPLICATIONS
R16	B.Tech	2	4	1	R164102D	INSTRUMENTATION
R16	B.Tech	2	4	1	R164102E	OPTIMIZATION TECHNIQUES(ONLY FOR EEE)
R16	B.Tech	2	4	1	R164102F	ELECTRIC POWER QUALITY
R16	B.Tech	2	4	1	R164102G	SPECIAL ELECTRICAL MACHINES
R16	B.Tech	2	4	2	R1642021	DIGITAL CONTROL SYSTEMS
R16	B.Tech	2	4	2	R1642022	HVDC TRANSMISSION
R16	B.Tech	2	4	2	R1642023	ELECTRICAL DISTRIBUTION SYSTEMS
R16	B.Tech	2	4	2	R1642025	SEMINAR
R16	B.Tech	2	4	2	R1642026	PROJECT
R16	B.Tech	2	4	2	R164202A	HIGH VOLTAGE ENGINEERING
R16	B.Tech	2	4	2	R164202B	FLEXIBLE ALTERNATING CURRENT TRANSMISSION SYSTEMS
R16	B.Tech	2	4	2	R164202C	POWER SYSTEM REFORMS
R16	B.Tech	3	1	1	R161101	ENGLISH-I
R16	B.Tech	3	1	1	R161102	MATHEMATICS-I
R16	B.Tech	3	1	1	R161105	ENGINEERING CHEMISTRY

R16	B.Tech	3	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	3	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	3	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	3	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	3	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	3	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	3	1	2	R161201	ENGLISH-II
R16	B.Tech	3	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	3	1	2	R161203	MATHEMATICS - III
R16	B.Tech	3	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	3	1	2	R161209	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
R16	B.Tech	3	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	3	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	3	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	3	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	3	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	3	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	3	2	1	R1621031	METALLURGY & MATERIALS SCIENCE
R16	B.Tech	3	2	1	R1621032	MECHANICS OF SOLIDS
R16	B.Tech	3	2	1	R1621033	THERMODYNAMICS
R16	B.Tech	3	2	1	R1621034	FLUID MECHANICS & HYDRAULIC MACHINES
R16	B.Tech	3	2	1	R1621035	COMPUTER AIDED ENGINEERING DRAWING PRACTICE
R16	B.Tech	3	2	1	R1621036	ELECTRICAL & ELECTRONICS ENGINEERING LAB
R16	B.Tech	3	2	1	R1621037	MECHANICS OF SOLIDS & METALLURGY LAB
R16	B.Tech	3	2	1	RA1621031	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R16	B.Tech	3	2	2	P1622031	FLUID MECHANICS & HYDRAULIC MACHINERY
R16	B.Tech	3	2	2	R1622031	KINEMATICS OF MACHINERY
R16	B.Tech	3	2	2	R1622032	THERMAL ENGINEERING -I
R16	B.Tech	3	2	2	R1622033	PRODUCTION TECHNOLOGY
R16	B.Tech	3	2	2	R1622034	DESIGN OF MACHINE MEMBERS -I
R16	B.Tech	3	2	2	R1622035	MACHINE DRAWING
R16	B.Tech	3	2	2	R1622036	INDUSTRIAL ENGINEERING AND MANAGEMENT
R16	B.Tech	3	2	2	R1622037	FLUID MECHANICS & HYDRAULIC MACHINERY LAB
R16	B.Tech	3	2	2	R1622038	PRODUCTION TECHNOLOGY LAB
R16	B.Tech	3	3	1	P1622034	DESIGN OF MACHINE MEMBERS -I
R16	B.Tech	3	3	1	R1631029	IPR & PATENTS
R16	B.Tech	3	3	1	R1631031	DYNAMICS OF MACHINERY
R16	B.Tech	3	3	1	R1631032	METAL CUTTING & MACHINE TOOLS
R16	B.Tech	3	3	1	R1631033	DESIGN OF MACHINE MEMBERS-II
R16	B.Tech	3	3	1	R1631034	OPERATIONS RESEARCH
R16	B.Tech	3	3	1	R1631035	THERMAL ENGINEERING -II
R16	B.Tech	3	3	1	R1631036	THEORY OF MACHINES LAB
R16	B.Tech	3	3	1	R1631037	MACHINE TOOLS LAB
R16	B.Tech	3	3	1	R1631038	THERMAL ENGINEERING LAB
R16	B.Tech	3	3	2	P1631036	THEORY OF MACHINES LAB
R16	B.Tech	3	3	2	P1632033	DESIGN OF MACHINE MEMBERS-II
R16	B.Tech	3	3	2	P1632034	OPERATIONS RESEARCH
R16	B.Tech	3	3	2	P1632036	INDUSTRIAL ENGINEERING MANAGEMENT
R16	B.Tech	3	3	2	P1632038	THERMAL ENGINEERING LAB
R16	B.Tech	3	3	2	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY
R16	B.Tech	3	3	2	R163201B	DATA BASE MANAGEMENT SYSTEM
R16	B.Tech	3	3	2	R163201D	WASTE WATER MANAGEMENT
R16	B.Tech	3	3	2	R1632029	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	3	3	2	R1632031	METROLOGY
R16	B.Tech	3	3	2	R1632032	INSTRUMENTATION & CONTROL SYSTEMS
R16	B.Tech	3	3	2	R1632033	REFRIGERATION & AIR-CONDITIONING
R16	B.Tech	3	3	2	R1632034	HEAT TRANSFER
R16	B.Tech	3	3	2	R1632036	HEAT TRANSFER LAB
R16	B.Tech	3	3	2	R1632037	METROLOGY & INSTRUMENTATION LAB
R16	B.Tech	3	3	2	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB
R16	B.Tech	3	3	2	R163203A	ENTREPRENEURSHIP
R16	B.Tech	3	3	2	R163203B	COMPUTER GRAPHICS
R16	B.Tech	3	3	2	R163203C	INDUSTRIAL ROBOTICS
R16	B.Tech	3	3	2	R163203D	GREEN ENGINEERING SYSTEMS
R16	B.Tech	3	4	1	R1641031	MECHATRONICS
R16	B.Tech	3	4	1	R1641032	CAD/CAM(COMMON TO ME & AME)
R16	B.Tech	3	4	1	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AME)
R16	B.Tech	3	4	1	R1641034	POWER PLANT ENGINEERING
R16	B.Tech	3	4	1	R1641037	CAD/CAM LAB
R16	B.Tech	3	4	1	R1641038	MECHATRONICS LAB
R16	B.Tech	3	4	1	R164103A	COMPUTATIONAL FLUID DYNAMICS (COMMON TO ME, AME & AERONAUTICAL)
R16	B.Tech	3	4	1	R164103B	CONDITION MONITORING(COMMON TO ME & AME)
R16	B.Tech	3	4	1	R164103C	ADDITIVE MANUFACTURING
R16	B.Tech	3	4	1	R164103D	ADVANCED MATERIALS
R16	B.Tech	3	4	1	R164103E	DESIGN FOR MANUFACTURE
R16	B.Tech	3	4	1	R164103F	GAS DYNAMICS & JET PROPULSION
R16	B.Tech	3	4	2	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON TO MECHANICAL AND MINING)
R16	B.Tech	3	4	2	R1642032	UNCONVENTIONAL MACHINING PROCESSES
R16	B.Tech	3	4	2	R1642033	AUTOMOBILE ENGINEERING
R16	B.Tech	3	4	2	R1642035	SEMINAR
R16	B.Tech	3	4	2	R1642036	PROJECT
R16	B.Tech	3	4	2	R164203A	THERMAL EQUIPMENT DESIGN
R16	B.Tech	3	4	2	R164203B	NON DESTRUCTIVE EVALUATION
R16	B.Tech	3	4	2	R164203C	QUALITY AND RELIABILITY ENGINEERING
R16	B.Tech	4	1	1	R1611101	ENGLISH-I
R16	B.Tech	4	1	1	R1611102	MATHEMATICS-I
R16	B.Tech	4	1	1	R1611104	APPLIED PHYSICS
R16	B.Tech	4	1	1	R1611107	COMPUTER PROGRAMMING
R16	B.Tech	4	1	1	R1611110	MATHEMATICS-II (NUMERICAL METHODS AND COMPLEX VARIABLES)
R16	B.Tech	4	1	1	R1611113	ENGINEERING DRAWING(ECE/EOME/EIE)
R16	B.Tech	4	1	1	R1611114	ENGLISH-COMMUNICATION SKILLS LAB-I

R16	B.Tech	4	1	1	R161115	APPLIED/ENGINEERING PHYSICS LAB
R16	B.Tech	4	1	1	R161116	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	4	1	1	R161117	ENGINEERING WORKSHOP & IT WORKSHOP
R16	B.Tech	4	1	2	R161201	ENGLISH-II
R16	B.Tech	4	1	2	R161203	MATHEMATICS - III
R16	B.Tech	4	1	2	R161211	APPLIED CHEMISTRY
R16	B.Tech	4	1	2	R161212	ENVIRONMENTAL STUDIES
R16	B.Tech	4	1	2	R161213	DATA STRUCTURES
R16	B.Tech	4	1	2	R161214	ELECTRICAL AND MECHANICAL TECHNOLOGY
R16	B.Tech	4	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	4	1	2	R161227	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	4	1	2	R161228	COMPUTER PROGRAMMING LAB
R16	B.Tech	4	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	4	2	1	R1621041	ELECTRONIC DEVICES AND CIRCUITS
R16	B.Tech	4	2	1	R1621042	SWITCHING THEORY AND LOGIC DESIGN
R16	B.Tech	4	2	1	R1621043	SIGNALS AND SYSTEMS
R16	B.Tech	4	2	1	R1621044	NETWORK ANALYSIS
R16	B.Tech	4	2	1	R1621045	RANDOM VARIABLES AND STOCHASTIC PROCESS
R16	B.Tech	4	2	1	R1621046	ELECTRONIC DEVICES AND CIRCUITS LAB
R16	B.Tech	4	2	1	R1621047	NETWORKS & ELECTRICAL TECHNOLOGY LAB
R16	B.Tech	4	2	1	RA1621041	DATA STRUCTURES
R16	B.Tech	4	2	1	RA1621042	ELECTRICAL & MECHANICAL TECHNOLOGY
R16	B.Tech	4	2	2	R1622026	MANAGEMENT SCIENCE
R16	B.Tech	4	2	2	R1622041	ELECTRONIC CIRCUIT ANALYSIS
R16	B.Tech	4	2	2	R1622042	CONTROL SYSTEMS
R16	B.Tech	4	2	2	R1622043	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES
R16	B.Tech	4	2	2	R1622044	ANALOG COMMUNICATIONS
R16	B.Tech	4	2	2	R1622045	PULSE AND DIGITAL CIRCUITS
R16	B.Tech	4	2	2	R1622046	ELECTRONIC CIRCUIT ANALYSIS LAB
R16	B.Tech	4	2	2	R1622047	ANALOG COMMUNICATIONS LAB
R16	B.Tech	4	3	1	AR1622044	ANALOG COMMUNICATIONS
R16	B.Tech	4	3	1	AR1622047	ANALOG COMMUNICATIONS LAB
R16	B.Tech	4	3	1	P161212	ENVIRONMENTAL STUDIES
R16	B.Tech	4	3	1	P1622042	CONTROL SYSTEMS
R16	B.Tech	4	3	1	P1622045	PULSE AND DIGITAL CIRCUITS
R16	B.Tech	4	3	1	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION
R16	B.Tech	4	3	1	R1631042	LINEAR I C APPLICATIONS
R16	B.Tech	4	3	1	R1631043	DIGITAL I C APPLICATIONS
R16	B.Tech	4	3	1	R1631044	DIGITAL COMMUNICATIONS
R16	B.Tech	4	3	1	R1631045	ANTENNA AND WAVE PROPAGATION
R16	B.Tech	4	3	1	R1631046	PULSE AND DIGITAL CIRCUITS LAB
R16	B.Tech	4	3	1	R1631047	LINEAR I C APPLICATIONS LAB
R16	B.Tech	4	3	1	R1631048	DIGITAL I C APPLICATIONS LAB
R16	B.Tech	4	3	1	R1631049	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	4	3	2	AR13211	NETWORKS ANALYSIS
R16	B.Tech	4	3	2	AR161211	APPLIED CHEMISTRY
R16	B.Tech	4	3	2	AR161213	DATA STRUCTURES
R16	B.Tech	4	3	2	P1632043	DIGITAL COMMUNICATIONS
R16	B.Tech	4	3	2	R163203C	INDUSTRIAL ROBOTICS
R16	B.Tech	4	3	2	R1632041	MICRO PROCESSORS & MICRO CONTROLLERS
R16	B.Tech	4	3	2	R1632042	MICRO WAVE ENGINEERING
R16	B.Tech	4	3	2	R1632043	VLSI DESIGN
R16	B.Tech	4	3	2	R1632044	DIGITAL SIGNAL PROCESSING
R16	B.Tech	4	3	2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB
R16	B.Tech	4	3	2	R1632047	VLSI LAB
R16	B.Tech	4	3	2	R1632048	DIGITAL COMMUNICATIONS LAB
R16	B.Tech	4	3	2	R1632049	IPR & PATENTS
R16	B.Tech	4	3	2	R163204A	OOPS THROUGH JAVA
R16	B.Tech	4	3	2	R163204B	DATA MINING
R16	B.Tech	4	3	2	R163204C	POWER ELECTRONICS
R16	B.Tech	4	3	2	R163204D	BIO-MEDICAL ENGINEERING
R16	B.Tech	4	3	2	R163204E	ARTIFICIAL NEURAL NETWORKS
R16	B.Tech	4	4	1	AR1641041	VLSI DESIGN
R16	B.Tech	4	4	1	AR1641042	COMPUTER ARCHITECTURE AND ORGANIZATION
R16	B.Tech	4	4	1	AR1641043	ELECTRICAL AND MECHANICAL TECHNOLOGY
R16	B.Tech	4	4	1	AR1641044	MANAGEMENT SCIENCE
R16	B.Tech	4	4	1	P1641047	VLSI LAB
R16	B.Tech	4	4	1	R1641041	RADAR SYSTEMS
R16	B.Tech	4	4	1	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE , EIE & E.COMP.E))
R16	B.Tech	4	4	1	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)
R16	B.Tech	4	4	1	R1641044	OPTICAL COMMUNICATIONS
R16	B.Tech	4	4	1	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB
R16	B.Tech	4	4	1	R1641048	DIGITAL SIGNAL PROCESSING LAB
R16	B.Tech	4	4	1	R164104A	TV ENGINEERING
R16	B.Tech	4	4	1	R164104B	ELECTRONIC SWITCHING SYSTEMS
R16	B.Tech	4	4	1	R164104C	SYSTEM DESIGN THROUGH VERILOG
R16	B.Tech	4	4	1	R164104D	EMBEDDED SYSTEMS
R16	B.Tech	4	4	1	R164104E	ANALOG IC DESIGN (COMMON TO ECE & EIE)
R16	B.Tech	4	4	1	R164104F	NETWORK SECURITY & CRYPTOGRAPHY (ONLY ECE)
R16	B.Tech	4	4	2	AR1642047	ENGINEERING CHEMISTRY LAB
R16	B.Tech	4	4	2	R1642041	CELLULAR MOBILE COMMUNICATIONS
R16	B.Tech	4	4	2	R1642042	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION
R16	B.Tech	4	4	2	R1642043	SATELLITE COMMUNICATIONS
R16	B.Tech	4	4	2	R1642045	SEMINAR
R16	B.Tech	4	4	2	R1642046	PROJECT
R16	B.Tech	4	4	2	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO ECE AND E.COMP.E)
R16	B.Tech	4	4	2	R164204B	DIGITAL IC DESIGN(COMMON TO ECE AND E.IE)
R16	B.Tech	4	4	2	R164204C	OPERATING SYSTEMS
R16	B.Tech	5	1	1	R161101	ENGLISH-I
R16	B.Tech	5	1	1	R161102	MATHEMATICS-I
R16	B.Tech	5	1	1	R161104	APPLIED PHYSICS

R16	B.Tech	5	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	5	1	1	R161109	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	5	1	1	R161112	ENGINEERING DRAWING(CSE/IT/AGRI.E)
R16	B.Tech	5	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	5	1	1	R161115	APPLIED/ENGINEERING PHYSICS LAB
R16	B.Tech	5	1	1	R161116	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	5	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	5	1	2	R161201	ENGLISH-II
R16	B.Tech	5	1	2	R161203	MATHEMATICS - III
R16	B.Tech	5	1	2	R161211	APPLIED CHEMISTRY
R16	B.Tech	5	1	2	R161212	ENVIRONMENTAL STUDIES
R16	B.Tech	5	1	2	R161215	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	5	1	2	R161216	ENGINEERING MECHANICS
R16	B.Tech	5	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	5	1	2	R161227	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	5	1	2	R161229	OBJECT ORIENTED PROGRAMMING LAB
R16	B.Tech	5	1	2	RA161251	ENGINEERING DRAWING
R16	B.Tech	5	1	2	RA161252	MATHEMATICS-II(MATHEMATICAL METHODS)
R16	B.Tech	5	1	2	RA161253	APPLIED PHYSICS
R16	B.Tech	5	1	2	RA161254	APPLIED/ENGINEERING PHYSICS LABORATORY
R16	B.Tech	5	1	2	RA161255	ENGINEERING/APPLIED PHYSICS - VIRTUAL LABORATORY
R16	B.Tech	5	2	1	R1621051	STATISTICS WITH R PROGRAMMING
R16	B.Tech	5	2	1	R1621052	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE
R16	B.Tech	5	2	1	R1621053	DIGITAL LOGIC DESIGN
R16	B.Tech	5	2	1	R1621054	PYTHON PROGRAMMING
R16	B.Tech	5	2	1	R1621055	DATA STRUCTURES THROUGH C++
R16	B.Tech	5	2	1	R1621056	COMPUTER GRAPHICS
R16	B.Tech	5	2	1	R1621057	DATA STRUCTURES THROUGH C++ LAB
R16	B.Tech	5	2	1	R1621058	PYTHON PROGRAMMING LAB
R16	B.Tech	5	2	1	RA1621051	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	5	2	1	RA1621052	OBJECT ORIENTED PROGRAMMING LAB
R16	B.Tech	5	2	2	AR161215	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	5	2	2	AR161229	OBJECT ORIENTED PROGRAMMING LAB
R16	B.Tech	5	2	2	R1622051	SOFTWARE ENGINEERING
R16	B.Tech	5	2	2	R1622052	JAVA PROGRAMMING
R16	B.Tech	5	2	2	R1622053	ADVANCED DATA STRUCTURES
R16	B.Tech	5	2	2	R1622054	COMPUTER ORGANIZATION
R16	B.Tech	5	2	2	R1622055	FORMAL LANGUAGES AND AUTOMATA THEORY
R16	B.Tech	5	2	2	R1622056	PRINCIPLES OF PROGRAMMING LANGUAGES
R16	B.Tech	5	2	2	R1622057	ADVANCED DATA STRUCTURES LAB
R16	B.Tech	5	2	2	R1622058	JAVA PROGRAMMING LAB
R16	B.Tech	5	3	1	P161111	ENGINEERING MECHANICS
R16	B.Tech	5	3	1	P161215	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	5	3	1	P1621054	PYTHON PROGRAMMING
R16	B.Tech	5	3	1	P1621058	PYTHON PROGRAMMING LAB
R16	B.Tech	5	3	1	R1631049	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	5	3	1	R1631051	COMPILER DESIGN
R16	B.Tech	5	3	1	R1631052	UNIX PROGRAMMING
R16	B.Tech	5	3	1	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML
R16	B.Tech	5	3	1	R1631054	DATABASE MANAGEMENT SYSTEMS
R16	B.Tech	5	3	1	R1631055	OPERATING SYSTEMS
R16	B.Tech	5	3	1	R1631056	UNIFIED MODELING LAB
R16	B.Tech	5	3	1	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB
R16	B.Tech	5	3	1	R1631058	DATABASE MANAGEMENT SYSTEM LAB
R16	B.Tech	5	3	2	AR1622053	ADVANCED DATA STRUCTURES
R16	B.Tech	5	3	2	AR1622057	ADVANCED DATA STRUCTURES LAB
R16	B.Tech	5	3	2	P161116	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	5	3	2	P161212	ENVIRONMENTAL STUDIES
R16	B.Tech	5	3	2	R163202D	ROBOTICS
R16	B.Tech	5	3	2	R1632049	IPR & PATENTS
R16	B.Tech	5	3	2	R1632051	COMPUTER NETWORKS
R16	B.Tech	5	3	2	R1632052	DATA WAREHOUSING AND MINING
R16	B.Tech	5	3	2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS
R16	B.Tech	5	3	2	R1632054	SOFTWARE TESTING METHODOLOGIES
R16	B.Tech	5	3	2	R1632056	NETWORK PROGRAMMING LAB
R16	B.Tech	5	3	2	R1632057	SOFTWARE TESTING LAB
R16	B.Tech	5	3	2	R1632058	DATA WAREHOUSING AND MINING LAB
R16	B.Tech	5	3	2	R163205A	ARTIFICIAL INTELLIGENCE
R16	B.Tech	5	3	2	R163205B	INTERNET OF THINGS
R16	B.Tech	5	3	2	R163205C	CYBER SECURITY
R16	B.Tech	5	3	2	R163205D	DIGITAL SIGNAL PROCESSING
R16	B.Tech	5	3	2	R163205E	EMBEDDED SYSTEMS
R16	B.Tech	5	4	1	AR1641051	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	5	4	1	AR1641057	OBJECT ORIENTED PROGRAMMING LAB
R16	B.Tech	5	4	1	P1641051	PYTHON PROGRAMMING
R16	B.Tech	5	4	1	P1641052	COMPUTER GRAPHICS
R16	B.Tech	5	4	1	P1641053	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	5	4	1	P1641057	PYTHON PROGRAMMING LAB
R16	B.Tech	5	4	1	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMMON TO CSE, IT)
R16	B.Tech	5	4	1	R1641052	SOFTWARE ARCHITECTURE & DESIGN PATTERNS
R16	B.Tech	5	4	1	R1641053	WEB TECHNOLOGIES
R16	B.Tech	5	4	1	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COMMON TO CSE,IT)
R16	B.Tech	5	4	1	R1641057	SOFTWARE ARCHITECTURES & DESIGN PATTERNS LAB
R16	B.Tech	5	4	1	R1641058	WEB TECHNOLOGIES LAB
R16	B.Tech	5	4	1	R164105A	BIG DATA ANALYSIS(COMMON TO CSE,IT)
R16	B.Tech	5	4	1	R164105B	INFORMATION RETRIEVAL SYSTEMS(COMMON TO CSE,IT)
R16	B.Tech	5	4	1	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)
R16	B.Tech	5	4	1	R164105D	CLOUD COMPUTING(COMMON TO CSE,IT)
R16	B.Tech	5	4	1	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CSE,IT)
R16	B.Tech	5	4	1	R164105F	SCRIPTING LANGUAGES
R16	B.Tech	5	4	2	AR1642056	PRINCIPLES OF PROGRAMMING LANGUAGES

R16	B.Tech	5	4	2	AR1642057	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	5	4	2	AR1642058	APPLIED/ENGINEERING PHYSICS-VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	5	4	2	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)
R16	B.Tech	5	4	2	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)
R16	B.Tech	5	4	2	R1642053	MACHINE LEARNING
R16	B.Tech	5	4	2	R1642055	SEMINAR
R16	B.Tech	5	4	2	R1642056	PROJECT
R16	B.Tech	5	4	2	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COMMON TO CSE IT)
R16	B.Tech	5	4	2	R164205B	ARTIFICIAL NEURAL NETWORKS(COMMON TO CSE IT)
R16	B.Tech	5	4	2	R164205C	OPERATION RESEARCH
R16	B.Tech	8	1	1	R161101	ENGLISH-I
R16	B.Tech	8	1	1	R161102	MATHEMATICS-I
R16	B.Tech	8	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	8	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	8	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	8	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	8	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	8	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	8	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	8	1	2	R161201	ENGLISH-II
R16	B.Tech	8	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	8	1	2	R161203	MATHEMATICS - III
R16	B.Tech	8	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	8	1	2	R161205	ELEMENTS OF MECHANICAL ENGINEERING
R16	B.Tech	8	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	8	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	8	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	8	1	2	R161223	ENGINEERING/APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	8	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	8	2	1	R1621012	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R16	B.Tech	8	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	8	2	1	R1621081	COMPLEX VARIABLES
R16	B.Tech	8	2	1	R1621082	ORGANIC CHEMISTRY
R16	B.Tech	8	2	1	R1621083	PHYSICAL CHEMISTRY
R16	B.Tech	8	2	1	R1621084	CHEMICAL PROCESS CALCULATIONS
R16	B.Tech	8	2	1	R1621085	BASIC ENGINEERING (MECH. + ELEC.) LAB
R16	B.Tech	8	2	1	R1621086	PHYSICAL & ORGANIC CHEMISTRY LAB
R16	B.Tech	8	2	1	R1621087	INTRODUCTION TO BIOSCIENCE
R16	B.Tech	8	3	1	R1631080	MINI PROJECT
R16	B.Tech	8	3	1	R1631081	PROCESS HEAT TRANSFER
R16	B.Tech	8	3	1	R1631082	ORGANIC CHEMICAL TECHNOLOGY
R16	B.Tech	8	3	1	R1631083	CHEMICAL ENGINEERING THERMODYNAMICS-II
R16	B.Tech	8	3	1	R1631084	PROCESS INSTRUMENTATION
R16	B.Tech	8	3	1	R1631085	MASS TRANSFER OPERATIONS - I
R16	B.Tech	8	3	1	R1631086	PROCESS HEAT TRANSFER LAB
R16	B.Tech	8	3	1	R1631087	MATHEMATICAL METHODS LAB
R16	B.Tech	8	3	1	R1631088	MASS TRANSFER OPERATIONS LAB - I
R16	B.Tech	8	3	1	R1631089	INDUSTRIAL VISITS
R16	B.Tech	10	1	1	R161101	ENGLISH-I
R16	B.Tech	10	1	1	R161102	MATHEMATICS-I
R16	B.Tech	10	1	1	R161104	APPLIED PHYSICS
R16	B.Tech	10	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	10	1	1	R161110	MATHEMATICS-II (NUMERICAL METHODS AND COMPLEX VARIABLES)
R16	B.Tech	10	1	1	R161113	ENGINEERING DRAWING(ECE/EOME/EIE)
R16	B.Tech	10	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	10	1	1	R161115	APPLIED/ENGINEERING PHYSICS LAB
R16	B.Tech	10	1	1	R161116	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	10	1	1	R161117	ENGINEERING WORKSHOP & IT WORKSHOP
R16	B.Tech	10	1	2	R161201	ENGLISH-II
R16	B.Tech	10	1	2	R161203	MATHEMATICS - III
R16	B.Tech	10	1	2	R161211	APPLIED CHEMISTRY
R16	B.Tech	10	1	2	R161212	ENVIRONMENTAL STUDIES
R16	B.Tech	10	1	2	R161213	DATA STRUCTURES
R16	B.Tech	10	1	2	R161214	ELECTRICAL AND MECHANICAL TECHNOLOGY
R16	B.Tech	10	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	10	1	2	R161227	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	10	1	2	R161228	COMPUTER PROGRAMMING LAB
R16	B.Tech	10	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	10	2	1	R1621041	ELECTRONIC DEVICES AND CIRCUITS
R16	B.Tech	10	2	1	R1621042	SWITCHING THEORY AND LOGIC DESIGN
R16	B.Tech	10	2	1	R1621043	SIGNALS AND SYSTEMS
R16	B.Tech	10	2	1	R1621044	NETWORK ANALYSIS
R16	B.Tech	10	2	1	R1621046	ELECTRONIC DEVICES AND CIRCUITS LAB
R16	B.Tech	10	2	1	R1621047	NETWORKS & ELECTRICAL TECHNOLOGY LAB
R16	B.Tech	10	2	1	R1621101	TRANSDUCER TECHNOLOGY
R16	B.Tech	10	2	2	R1622041	ELECTRONIC CIRCUIT ANALYSIS
R16	B.Tech	10	2	2	R1622042	CONTROL SYSTEMS
R16	B.Tech	10	2	2	R1622043	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES
R16	B.Tech	10	2	2	R1622045	PULSE AND DIGITAL CIRCUITS
R16	B.Tech	10	2	2	R1622046	ELECTRONIC CIRCUIT ANALYSIS LAB
R16	B.Tech	10	2	2	R1622101	PRINCIPLES OF COMMUNICATION
R16	B.Tech	10	2	2	R1622102	SIGNAL CONDITIONING
R16	B.Tech	10	2	2	R1622103	INSTRUMENTATION LAB - L
R16	B.Tech	10	3	1	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION
R16	B.Tech	10	3	1	R1631042	LINEAR IC APPLICATIONS
R16	B.Tech	10	3	1	R1631043	DIGITAL IC APPLICATIONS
R16	B.Tech	10	3	1	R1631049	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	10	3	1	R1631101	PROCESS INSTRUMENTATION
R16	B.Tech	10	3	1	R1631102	DIGITAL SIGNAL PROCESSING
R16	B.Tech	10	3	1	R1631103	PULSE AND DIGITAL CIRCUITS LAB
R16	B.Tech	10	3	1	R1631104	LINEAR IC APPLICATIONS LAB

R16	B.Tech	10	3	1	R1631105	DIGITAL IC APPLICATIONS LAB
R16	B.Tech	10	3	2	R1632041	MICRO PROCESSORS & MICRO CONTROLLERS
R16	B.Tech	10	3	2	R1632043	VLSI DESIGN
R16	B.Tech	10	3	2	R1632049	IPR & PATENTS
R16	B.Tech	10	3	2	R163204B	DATA MINING
R16	B.Tech	10	3	2	R163204C	POWER ELECTRONICS
R16	B.Tech	10	3	2	R163204D	BIO-MEDICAL ENGINEERING
R16	B.Tech	10	3	2	R163204E	ARTIFICIAL NEURAL NETWORKS
R16	B.Tech	10	3	2	R1632101	ANALYTICAL INSTRUMENTATION
R16	B.Tech	10	3	2	R1632102	MEASURING INSTRUMENTS
R16	B.Tech	10	3	2	R1632103	MICRO PROCESSORS & MICRO CONTROLLERS LAB
R16	B.Tech	10	3	2	R1632104	PROCESS INSTRUMENTATION LAB
R16	B.Tech	10	3	2	R1632105	DIGITAL SIGNAL PROCESSING LAB
R16	B.Tech	10	4	1	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE , EIE & E.COMP.E))
R16	B.Tech	10	4	1	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)
R16	B.Tech	10	4	1	R164104E	ANALOG IC DESIGN (COMMON TO ECE & EIE)
R16	B.Tech	10	4	1	R1641101	DATA ACQUISITION SYSTEMS
R16	B.Tech	10	4	1	R1641102	MANAGEMENT SCIENCE
R16	B.Tech	10	4	1	R1641107	INSTRUMENTAION LAB-II
R16	B.Tech	10	4	1	R1641108	INSTRUMENTAION LAB-III
R16	B.Tech	10	4	1	R164110A	QUALITY AND RELIABILITY ENGINEERING SYSTEMS (QRES)
R16	B.Tech	10	4	1	R164110B	DIGITAL CONTROL SYSTEMS
R16	B.Tech	10	4	1	R164110C	MIXED SIGNAL DESIGN
R16	B.Tech	10	4	1	R164110D	ROBOTICS & AUTOMATION
R16	B.Tech	10	4	1	R164110E	EMI/EMC
R16	B.Tech	10	4	2	R164204B	DIGITAL IC DESIGN(COMMON TO ECE AND E.IE)
R16	B.Tech	10	4	2	R1642101	INDUSTRIAL AUTOMATION
R16	B.Tech	10	4	2	R1642102	DATA COMMUNICATIONS
R16	B.Tech	10	4	2	R1642103	EMBEDDED SYSTEMS (COMMON TO EIE AND E.COMP.E)
R16	B.Tech	10	4	2	R1642105	SEMINAR
R16	B.Tech	10	4	2	R1642106	PROJECT
R16	B.Tech	10	4	2	R164210A	CALIBRATION AND STANDARDS
R16	B.Tech	10	4	2	R164210B	MICRO ELECTRO MECHANICAL SYSTEMS (MEMS)
R16	B.Tech	12	1	1	R1611101	ENGLISH-I
R16	B.Tech	12	1	1	R1611102	MATHEMATICS-I
R16	B.Tech	12	1	1	R1611104	APPLIED PHYSICS
R16	B.Tech	12	1	1	R1611107	COMPUTER PROGRAMMING
R16	B.Tech	12	1	1	R1611109	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	12	1	1	R1611112	ENGINEERING DRAWING(CSE/IT/AGRIE)
R16	B.Tech	12	1	1	R1611114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	12	1	1	R1611115	APPLIED/ENGINEERING PHYSICS LAB
R16	B.Tech	12	1	1	R1611116	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	12	1	1	R1611119	C PROGRAMMING LAB
R16	B.Tech	12	1	2	R1612101	ENGLISH-II
R16	B.Tech	12	1	2	R1612103	MATHEMATICS - III
R16	B.Tech	12	1	2	R161211	APPLIED CHEMISTRY
R16	B.Tech	12	1	2	R161212	ENVIRONMENTAL STUDIES
R16	B.Tech	12	1	2	R161215	OBJECT ORIENTED PROGRAMMING THROUGH C++
R16	B.Tech	12	1	2	R161216	ENGINEERING MECHANICS
R16	B.Tech	12	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	12	1	2	R161227	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	12	1	2	R161229	OBJECT ORIENTED PROGRAMMING LAB
R16	B.Tech	12	1	2	RA161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	12	1	2	RA161207	APPLIED PHYSICS
R16	B.Tech	12	1	2	RA161210	ENGINEERING DRAWING
R16	B.Tech	12	1	2	RA161226	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	12	1	2	RA161227	APPLIED/ENGINEERING PHYSICS LAB
R16	B.Tech	12	2	1	R1621051	STATISTICS WITH R PROGRAMMING
R16	B.Tech	12	2	1	R1621052	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE
R16	B.Tech	12	2	1	R1621053	DIGITAL LOGIC DESIGN
R16	B.Tech	12	2	1	R1621054	PYTHON PROGRAMMING
R16	B.Tech	12	2	1	R1621055	DATA STRUCTURES THROUGH C++
R16	B.Tech	12	2	1	R1621057	DATA STRUCTURES THROUGH C++ LAB
R16	B.Tech	12	2	1	R1621058	PYTHON PROGRAMMING LAB
R16	B.Tech	12	2	1	R1621121	SOFTWARE ENGINEERING
R16	B.Tech	12	2	2	R1622052	JAVA PROGRAMMING
R16	B.Tech	12	2	2	R1622054	COMPUTER ORGANIZATION
R16	B.Tech	12	2	2	R1622056	PRINCIPLES OF PROGRAMMING LANGUAGES
R16	B.Tech	12	2	2	R1622058	JAVA PROGRAMMING LAB
R16	B.Tech	12	2	2	R1622121	COMPUTER GRAPHICS
R16	B.Tech	12	2	2	R1622122	E-COMMERCE
R16	B.Tech	12	2	2	R1622123	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML
R16	B.Tech	12	2	2	R1622124	UNIFIED MODELING LANGUAGES LAB
R16	B.Tech	12	3	1	P1621121	SOFTWARE ENGINEERING
R16	B.Tech	12	3	1	R1631049	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	12	3	1	R1631052	UNIX AND SHELL PROGRAMMING
R16	B.Tech	12	3	1	R1631054	DATABASE MANAGEMENT SYSTEMS
R16	B.Tech	12	3	1	R1631055	OPERATING SYSTEMS
R16	B.Tech	12	3	1	R1631121	HUMAN COMPUTER INTERACTION
R16	B.Tech	12	3	1	R1631122	ADVANCED JAVA PROGRAMMING
R16	B.Tech	12	3	1	R1631123	ADVANCED JAVA PROGRAMMING LAB
R16	B.Tech	12	3	1	R1631124	UNIX AND OPERATING SYSTEMS LAB
R16	B.Tech	12	3	1	R1631125	DATABASE MANAGEMENT SYSTEM LAB
R16	B.Tech	12	3	2	R163202D	ROBOTICS
R16	B.Tech	12	3	2	R1632049	IPR & PATENTS
R16	B.Tech	12	3	2	R1632051	COMPUTER NETWORKS
R16	B.Tech	12	3	2	R1632054	SOFTWARE TESTING METHODOLOGIES
R16	B.Tech	12	3	2	R163205A	ARTIFICIAL INTELLIGENCE
R16	B.Tech	12	3	2	R163205D	DIGITAL SIGNAL PROCESSING
R16	B.Tech	12	3	2	R163205E	EMBEDDED SYSTEMS
R16	B.Tech	12	3	2	R1632121	DATA MINING

R16	B.Tech	12	3	2	R1632122	WEB TECHNOLOGIES
R16	B.Tech	12	3	2	R1632124	WEB TECHNOLOGIES LAB
R16	B.Tech	12	3	2	R1632125	SOFTWARE TESTING LAB
R16	B.Tech	12	3	2	R1632126	DATA MINING LAB
R16	B.Tech	12	3	2	R163212A	SOCIAL NETWORKS AND SEMANTIC WEB
R16	B.Tech	12	3	2	R163212B	OPERATIONS RESEARCH
R16	B.Tech	12	4	1	P1641121	STATISTICS WITH R PROGRAMMING
R16	B.Tech	12	4	1	P1641122	E-COMMERCE
R16	B.Tech	12	4	1	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMMON TO CSE, IT & ECE)
R16	B.Tech	12	4	1	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (COMMON TO CSE,IT)
R16	B.Tech	12	4	1	R164105A	BIG DATA ANALYSIS(COMMON TO CSE,IT)
R16	B.Tech	12	4	1	R164105B	INFORMATION RETRIEVAL SYSTEMS(COMMON TO CSE,IT)
R16	B.Tech	12	4	1	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)
R16	B.Tech	12	4	1	R164105D	CLOUD COMPUTING(COMMON TO CSE,IT)
R16	B.Tech	12	4	1	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CSE,IT)
R16	B.Tech	12	4	1	R1641121	DATA WARE HOUSING AND BUSINESS INTELLIGENCE
R16	B.Tech	12	4	1	R1641127	MOBILE COMPUTING LAB
R16	B.Tech	12	4	1	R1641128	CRYPTOGRAPHY AND NETWORK SECURITY LAB
R16	B.Tech	12	4	1	R164112A	INTERNET OF THINGS
R16	B.Tech	12	4	1	R164112B	MULTIMEDIA PROGRAMMING
R16	B.Tech	12	4	1	R164112C	MACHINE LEARNING
R16	B.Tech	12	4	1	R164112D	DECISION SUPPORT SYSTEM
R16	B.Tech	12	4	2	R1642051	DISTRIBUTED SYSTEMS (COMMON TO CSE IT)
R16	B.Tech	12	4	2	R1642052	MANAGEMENT SCIENCE(COMMON TO CSE IT)
R16	B.Tech	12	4	2	R164205A	CONCURRENT AND PARALLEL PROGRAMMING (COMMON TO CSE IT)
R16	B.Tech	12	4	2	R164205B	ARTIFICIAL NEURAL NETWORKS(COMMON TO CSE IT)
R16	B.Tech	12	4	2	R1642121	MANAGEMENT INFORMATION SYSTEM
R16	B.Tech	12	4	2	R1642125	SEMINAR
R16	B.Tech	12	4	2	R1642126	PROJECT
R16	B.Tech	12	4	2	R164212A	CYBER SECURITY
R16	B.Tech	12	4	2	R164212B	SOFTWARE QUALITY ASSURANCE
R16	B.Tech	17	1	1	R161101	ENGLISH-I
R16	B.Tech	17	1	1	R161102	MATHEMATICS-I
R16	B.Tech	17	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	17	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	17	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	17	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	17	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	17	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	17	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	17	1	2	R161201	ENGLISH-II
R16	B.Tech	17	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	17	1	2	R161203	MATHEMATICS - III
R16	B.Tech	17	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	17	1	2	R161209	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
R16	B.Tech	17	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	17	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	17	1	2	R161222	ENGINEERING/APPLIED PHYSICS LAB
R16	B.Tech	17	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	17	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	17	2	1	R1621011	PROBABILITY AND STATISTICS
R16	B.Tech	17	2	1	R1621171	POLYMERS
R16	B.Tech	17	2	1	R1621172	PHYSICAL METALLURGY
R16	B.Tech	17	2	1	R1621173	METALLURGICAL THERMODYNAMICS - I
R16	B.Tech	17	2	1	R1621174	MECHANICS OF SOLIDS AND FLUIDS
R16	B.Tech	17	2	1	R1621175	PRINCIPLES OF EXTRACTIVE METALLURGY POLYMERS
R16	B.Tech	17	2	1	R1621176	PHYSICAL METALLURGY LAB
R16	B.Tech	17	2	1	R1621177	MECHANICS OF SOLIDS LAB
R16	B.Tech	19	1	1	R161101	ENGLISH-I
R16	B.Tech	19	1	1	R161102	MATHEMATICS-I
R16	B.Tech	19	1	1	R161104	APPLIED PHYSICS
R16	B.Tech	19	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	19	1	1	R161110	MATHEMATICS-II (NUMERICAL METHODS AND COMPLEX VARIABLES)
R16	B.Tech	19	1	1	R161113	ENGINEERING DRAWING(ECE/EOME/EIE)
R16	B.Tech	19	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	19	1	1	R161115	APPLIED/ENGINEERING PHYSICS LAB
R16	B.Tech	19	1	1	R161116	APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	19	1	1	R161117	ENGINEERING WORKSHOP & IT WORKSHOP
R16	B.Tech	19	1	2	R161201	ENGLISH-II
R16	B.Tech	19	1	2	R161203	MATHEMATICS - III
R16	B.Tech	19	1	2	R161211	APPLIED CHEMISTRY
R16	B.Tech	19	1	2	R161212	ENVIRONMENTAL STUDIES
R16	B.Tech	19	1	2	R161213	DATA STRUCTURES
R16	B.Tech	19	1	2	R161214	ELECTRICAL AND MECHANICAL TECHNOLOGY
R16	B.Tech	19	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	19	1	2	R161227	APPLIED/ENGINEERING CHEMISTRY LABORATORY
R16	B.Tech	19	1	2	R161228	COMPUTER PROGRAMMING LAB
R16	B.Tech	19	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	19	2	1	R1621041	ELECTRONIC DEVICES AND CIRCUITS
R16	B.Tech	19	2	1	R1621042	SWITCHING THEORY AND LOGIC DESIGN
R16	B.Tech	19	2	1	R1621043	SIGNALS AND SYSTEMS
R16	B.Tech	19	2	1	R1621044	NETWORK ANALYSIS
R16	B.Tech	19	2	1	R1621046	ELECTRONIC DEVICES AND CIRCUITS LAB
R16	B.Tech	19	2	1	R1621121	SOFTWARE ENGINEERING
R16	B.Tech	19	2	1	R1621191	DATA STRUCTURES LAB
R16	B.Tech	19	2	2	R1622026	MANAGEMENT SCIENCE
R16	B.Tech	19	2	2	R1622042	CONTROL SYSTEMS
R16	B.Tech	19	2	2	R1622045	PULSE AND DIGITAL CIRCUITS
R16	B.Tech	19	2	2	R1622054	COMPUTER ORGANIZATION
R16	B.Tech	19	2	2	R1622101	PRINCIPLES OF COMMUNICATIONS
R16	B.Tech	19	2	2	R1622191	OBJECT ORIENTED PROGRAMMING

R16	B.Tech	19	2	2	R1622192	PULSE & DIGITAL CIRCUITS AND COMMUNICATIONS LAB
R16	B.Tech	19	2	2	R1622193	OOPS LAB
R16	B.Tech	19	3	1	R1631042	LINEAR IC APPLICATIONS
R16	B.Tech	19	3	1	R1631043	DIGITAL IC APPLICATIONS
R16	B.Tech	19	3	1	R1631191	COMPUTER GRAPHICS
R16	B.Tech	19	3	1	R1631192	COMPUTER NETWORKS
R16	B.Tech	19	3	1	R1631193	DESIGN AND ANALYSIS OF ALGORITHMS
R16	B.Tech	19	3	1	R1631194	IC APPLICATIONS LAB
R16	B.Tech	19	3	1	R1631195	COMPUTER GRAPHICS LAB
R16	B.Tech	19	3	1	R1631196	ALGORITHMS LAB
R16	B.Tech	19	3	2	R163203C	INDUSTRIAL ROBOTICS
R16	B.Tech	19	3	2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS
R16	B.Tech	19	3	2	R1632043	VLSI DESIGN
R16	B.Tech	19	3	2	R1632049	IPR & PATENTS
R16	B.Tech	19	3	2	R163204B	DATA MINING
R16	B.Tech	19	3	2	R163204D	BIO-MEDICAL ENGINEERING
R16	B.Tech	19	3	2	R163204E	ARTIFICIAL NEURAL NETWORKS
R16	B.Tech	19	3	2	R1632191	DATA BASE MANAGEMENT SYSTEMS
R16	B.Tech	19	3	2	R1632192	OPERATING SYSTEM
R16	B.Tech	19	3	2	R1632193	COMPUTER NETWORKS AND OPERATING SYSTEMS LAB
R16	B.Tech	19	3	2	R1632194	MICROPROCESSORS AND MICROCONTROLLERS LAB
R16	B.Tech	19	3	2	R1632195	VLSI LABORATORY
R16	B.Tech	19	4	1	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE , EIE & E.COMP.E))
R16	B.Tech	19	4	1	R1641191	SYSTEMS PROGRAMMING
R16	B.Tech	19	4	1	R1641192	DIGITAL SIGNAL PROCESSING
R16	B.Tech	19	4	1	R1641193	UNIX PROGRAMMING
R16	B.Tech	19	4	1	R1641197	SIGNAL PROCESSING LAB
R16	B.Tech	19	4	1	R1641198	UNIX PROGRAMMING LAB
R16	B.Tech	19	4	1	R164119A	ARTIFICIAL INTELLIGENCE
R16	B.Tech	19	4	1	R164119B	ADVANCED COMPUTER ARCHITECTURE
R16	B.Tech	19	4	1	R164119C	DATA COMMUNICATION
R16	B.Tech	19	4	1	R164119D	WEB DESIGN
R16	B.Tech	19	4	1	R164119E	FUZZY LOGIC AND NEURAL NETWORKS
R16	B.Tech	19	4	1	R164119F	STRUCTURED DIGITAL DESIGN
R16	B.Tech	19	4	2	R164204A	WIRELESS SENSORS AND NETWORKS (COMMON TO ECE AND E.COMP.E)
R16	B.Tech	19	4	2	R1642103	EMBEDDED SYSTEMS (COMMON TO EIE AND E.COMP.E)
R16	B.Tech	19	4	2	R1642191	AUTOMATA THEORY AND COMPILER DESIGN
R16	B.Tech	19	4	2	R1642195	SEMINAR
R16	B.Tech	19	4	2	R1642196	PROJECT
R16	B.Tech	19	4	2	R164219A	LANGUAGE PROCESSORS
R16	B.Tech	19	4	2	R164219B	EMI/EMC
R16	B.Tech	19	4	2	R164219C	DATA WARE HOUSING AND DATA MINING
R16	B.Tech	19	4	2	R164219D	REAL TIME OPERATING SYSTEMS
R16	B.Tech	19	4	2	R164219E	NETWORK SECURITY AND CRYPTOGRAPHY
R16	B.Tech	21	1	1	R1611101	ENGLISH-I
R16	B.Tech	21	1	1	R1611102	MATHEMATICS-I
R16	B.Tech	21	1	1	R1611105	ENGINEERING CHEMISTRY
R16	B.Tech	21	1	1	R1611107	COMPUTER PROGRAMMING
R16	B.Tech	21	1	1	R1611108	ENVIRONMENTAL STUDIES
R16	B.Tech	21	1	1	R1611111	ENGINEERING MECHANICS
R16	B.Tech	21	1	1	R1611114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	21	1	1	R1611118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	21	1	1	R1611119	C PROGRAMMING LAB
R16	B.Tech	21	1	2	R161201	ENGLISH-II
R16	B.Tech	21	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	21	1	2	R161203	MATHEMATICS - III
R16	B.Tech	21	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	21	1	2	R161209	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
R16	B.Tech	21	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	21	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	21	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	21	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	21	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	21	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	21	2	1	R1621032	MECHANICS OF SOLIDS
R16	B.Tech	21	2	1	R1621033	THERMODYNAMICS
R16	B.Tech	21	2	1	R1621035	COMPUTER AIDED ENGINEERING DRAWING PRACTICE
R16	B.Tech	21	2	1	R1621036	ELECTRICAL & ELECTRONICS ENGINEERING LAB
R16	B.Tech	21	2	1	R1621211	ELEMENTS OF AEROSPACE ENGINEERING
R16	B.Tech	21	2	1	R1621212	MECHANICS OF FLUIDS
R16	B.Tech	21	2	1	R1621213	FLUID MECHANICS & STRENGTH OF MATERIALS LAB
R16	B.Tech	21	2	2	R1622036	INDUSTRIALS ENGINEERING AND MANAGEMENT
R16	B.Tech	21	2	2	R1622211	AERODYNAMICS - I
R16	B.Tech	21	2	2	R1622212	MANUFACTURING TECHNOLOGY
R16	B.Tech	21	2	2	R1622213	AIRCRAFT SYSTEM AND INSTRUMENTS
R16	B.Tech	21	2	2	R1622214	ELEMENTS OF HEAT TRANSFER
R16	B.Tech	21	2	2	R1622215	APPLIED THERMODYNAMICS
R16	B.Tech	21	2	2	R1622216	APPLIED THERMODYNAMICS LAB
R16	B.Tech	21	2	2	R1622217	MANUFACTURING TECHNOLOGY LAB
R16	B.Tech	21	3	1	R1631029	IPR & PATENTS
R16	B.Tech	21	3	1	R1631211	AIRCRAFT PERFORMANCE
R16	B.Tech	21	3	1	R1631212	AERODYNAMICS - II
R16	B.Tech	21	3	1	R1631213	AIRCRAFT STRUCTURES - I
R16	B.Tech	21	3	1	R1631214	PROPULSION - I
R16	B.Tech	21	3	1	R1631215	THEORY OF MACHINES
R16	B.Tech	21	3	1	R1631216	CAD/CAM LAB
R16	B.Tech	21	3	1	R1631217	AERODYNAMICS LAB
R16	B.Tech	21	3	1	R1631218	PROPULSION LAB
R16	B.Tech	21	3	2	R163201B	DBMS
R16	B.Tech	21	3	2	R163201D	WASTE WATER MANAGEMENT
R16	B.Tech	21	3	2	R1632029	PROFESSIONAL ETHICS & HUMAN VALUES

R16	B.Tech	21	3	2	R163203A	ENTREPRENEURSHIP
R16	B.Tech	21	3	2	R1632211	AIRCRAFT STABILITY AND CONTROL
R16	B.Tech	21	3	2	R1632212	AIRCRAFT STRUCTURES - II
R16	B.Tech	21	3	2	R1632213	PROPULSION - II
R16	B.Tech	21	3	2	R1632214	FINITE ELEMENT METHOD
R16	B.Tech	21	3	2	R1632216	AIRCRAFT STRUCTURES LAB
R16	B.Tech	21	3	2	R1632217	AIRCRAFT DESIGN LAB
R16	B.Tech	21	3	2	R1632218	AERO MODELING LAB
R16	B.Tech	21	3	2	R163221A	SATELLITE TECHNOLOGY
R16	B.Tech	21	3	2	R163221B	INDUSTRIAL AERODYNAMICS
R16	B.Tech	21	3	2	R163221C	THEORY OF ELASTICITY
R16	B.Tech	21	4	1	R164103A	COMPUTATIONAL FLUID DYNAMICS (COMMON TO ME, AME & AERONAUTICAL)
R16	B.Tech	21	4	1	R164110A	QUALITY AND RELIABILITY ENGINEERING
R16	B.Tech	21	4	1	R1641211	THEORY OF VIBRATIONS
R16	B.Tech	21	4	1	R1641212	INSTRUMENTATION MEASUREMENTS AND EXPERIMENTS IN FLUIDS
R16	B.Tech	21	4	1	R1641213	HELICOPTER ENGINEERING
R16	B.Tech	21	4	1	R1641217	COMPUTATIONAL FLUID DYNAMICS LAB
R16	B.Tech	21	4	1	R1641218	FINITE ELEMENT METHOD LAB
R16	B.Tech	21	4	1	R164121A	AIRFRAME REPAIR AND MAINTENANCE
R16	B.Tech	21	4	1	R164121B	BOUNDARY LAYER THEORY
R16	B.Tech	21	4	1	R164121C	FATIGUE AND FRACTURE MECHANICS
R16	B.Tech	21	4	1	R164121D	ELEMENTS OF COMBUSTION
R16	B.Tech	21	4	1	R164121E	HYPERSONIC AERODYNAMICS
R16	B.Tech	21	4	2	R1642211	ROCKETRY AND SPACE MECHANICS
R16	B.Tech	21	4	2	R1642212	MECHANICS OF COMPOSITES
R16	B.Tech	21	4	2	R1642213	AEROSPACE MATERIALS
R16	B.Tech	21	4	2	R1642215	SEMINAR
R16	B.Tech	21	4	2	R1642216	PROJECT
R16	B.Tech	21	4	2	R164221A	AVIONICS
R16	B.Tech	21	4	2	R164221B	PROPELLANT TECHNOLOGY
R16	B.Tech	21	4	2	R164221C	AERO ELASTICITY
R16	B.Tech	23	1	1	R161101	ENGLISH-I
R16	B.Tech	23	1	1	R161102	MATHEMATICS-I
R16	B.Tech	23	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	23	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	23	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	23	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	23	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	23	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	23	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	23	1	2	R161201	ENGLISH-II
R16	B.Tech	23	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	23	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	23	1	2	R161206	ENGINEERING DRAWING
R16	B.Tech	23	1	2	R161217	FUNDAMENTALS OF BIOLOGY
R16	B.Tech	23	1	2	R161218	PROCESS ENGINEERING PRINCIPLES
R16	B.Tech	23	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	23	1	2	R161222	ENGINEERING/APPLIED PHYSICS LAB
R16	B.Tech	23	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	23	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	23	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	23	2	1	R1621231	BIOCHEMISTRY
R16	B.Tech	23	2	1	R1621232	BIOCHEMICAL THERMODYNAMICS
R16	B.Tech	23	2	1	R1621233	CELL BIOLOGY
R16	B.Tech	23	2	1	R1621234	MICROBIOLOGY
R16	B.Tech	23	2	1	R1621235	MATHEMATICS-III
R16	B.Tech	23	2	1	R1621236	BIOCHEMISTRY LAB
R16	B.Tech	23	2	1	R1621237	CELL BIOLOGY AND MICROBIOLOGY LAB
R16	B.Tech	24	1	1	R161101	ENGLISH-I
R16	B.Tech	24	1	1	R161102	MATHEMATICS-I
R16	B.Tech	24	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	24	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	24	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	24	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	24	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	24	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	24	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	24	1	2	R161201	ENGLISH-II
R16	B.Tech	24	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	24	1	2	R161203	MATHEMATICS - III
R16	B.Tech	24	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	24	1	2	R161209	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
R16	B.Tech	24	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	24	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	24	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	24	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	24	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	24	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	24	2	1	R1621031	METALLURGY & MATERIALS SCIENCE
R16	B.Tech	24	2	1	R1621032	MECHANICS OF SOLIDS
R16	B.Tech	24	2	1	R1621033	THERMODYNAMICS
R16	B.Tech	24	2	1	R1621035	COMPUTER AIDED ENGINEERING DRAWING PRACTICE
R16	B.Tech	24	2	1	R1621036	ELECTRICAL & ELECTRONICS ENGINEERING LAB
R16	B.Tech	24	2	1	R1621037	MECHANICS OF SOLIDS & METALLURGY LAB
R16	B.Tech	24	2	1	R1621241	AUTOMOTIVE ENGINES
R16	B.Tech	24	2	2	R1622031	KINEMATICS OF MACHINERY
R16	B.Tech	24	2	2	R1622032	THERMAL ENGINEERING -I
R16	B.Tech	24	2	2	R1622033	PRODUCTION TECHNOLOGY
R16	B.Tech	24	2	2	R1622035	MACHINE DRAWING
R16	B.Tech	24	2	2	R1622036	INDUSTRIAL ENGG. & MANAGEMENT
R16	B.Tech	24	2	2	R1622037	FLUID MECHANICS & HYDRAULIC MACHINERY LAB

R16	B.Tech	24	2	2	R1622241	FLUID MECHANICS & HYDRAULIC MACHINERY
R16	B.Tech	24	2	2	R1622242	THERMAL ENGG.-LAB
R16	B.Tech	24	3	1	R1631029	IPR & PATENTS
R16	B.Tech	24	3	1	R1631241	DYNAMICS OF MACHINERY
R16	B.Tech	24	3	1	R1631242	FUELS AND COMBUSTION
R16	B.Tech	24	3	1	R1631243	DESIGN OF MACHINE ELEMENTS
R16	B.Tech	24	3	1	R1631244	VEHICLE TRANSPORT MANAGEMENT
R16	B.Tech	24	3	1	R1631245	HEAT TRANSFER
R16	B.Tech	24	3	1	R1631246	AUTOMOTIVE ENGINES LAB & FUELS LAB
R16	B.Tech	24	3	1	R1631247	HEAT TRANSFER-LAB
R16	B.Tech	24	3	1	R1631248	PRODUCTION TECHNOLOGY LABORATORY
R16	B.Tech	24	3	2	R163201A	ELECTRONIC INSTRUMENTATION
R16	B.Tech	24	3	2	R163201B	DATA BASE MANAGEMENT SYSTEMS
R16	B.Tech	24	3	2	R1632029	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	24	3	2	R163203B	COMPUTER GRAPHICS
R16	B.Tech	24	3	2	R163203D	GREEN ENGINEERING SYSTEMS
R16	B.Tech	24	3	2	R1632241	MACHINE TOOLS & METROLOGY
R16	B.Tech	24	3	2	R1632242	INSTRUMENTATION & CONTROL SYSTEMS
R16	B.Tech	24	3	2	R1632243	AUTOMOTIVE ELECTRICAL AND ELECTRONICS
R16	B.Tech	24	3	2	R1632244	ALTERNATIVE ENERGY SOURCES FOR AUTOMOBILES
R16	B.Tech	24	3	2	R1632246	AUTOMOTIVE ELECTRICAL AND ELECTRONICS LAB
R16	B.Tech	24	3	2	R1632247	METROLOGY & MACHINE TOOLS-LAB
R16	B.Tech	24	3	2	R1632248	AUTO SCANNING & VEHICLE TESTING-LAB
R16	B.Tech	24	3	2	R163224A	OFFROAD VEHICLES
R16	B.Tech	24	3	2	R163224B	AUTOMOTIVE EMISSIONS AND POLLUTION CONTROL
R16	B.Tech	24	4	1	R1641032	CAD/CAM(COMMON TO ME & AME)
R16	B.Tech	24	4	1	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AME)
R16	B.Tech	24	4	1	R164103A	COMPUTATIONAL FLUID DYNAMICS (COMMON TO ME, AME & AERONAUTICAL)
R16	B.Tech	24	4	1	R164103B	CONDITION MONITORING(COMMON TO ME & AME)
R16	B.Tech	24	4	1	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION
R16	B.Tech	24	4	1	R1641242	VEHICLE DYNAMICS
R16	B.Tech	24	4	1	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION LAB
R16	B.Tech	24	4	1	R1641248	CAD/CAM -LAB
R16	B.Tech	24	4	1	R164124A	VEHICLE BODY ENGG. & SAFETY
R16	B.Tech	24	4	1	R164124B	INDUSTRIAL ROBOTICS
R16	B.Tech	24	4	1	R164124C	AUTOMOTIVE AERODYNAMICS
R16	B.Tech	24	4	1	R164124D	MICRO PROCESSORS & MICRO CONTROLLERS
R16	B.Tech	24	4	2	R1642241	AUTOMOTIVE CONTROL SYSTEMS
R16	B.Tech	24	4	2	R1642242	VEHICLE MAINTENANCE
R16	B.Tech	24	4	2	R1642243	PRODUCT DESIGN AND ASSEMBLY AUTOMATION
R16	B.Tech	24	4	2	R1642245	SEMINAR
R16	B.Tech	24	4	2	R1642246	PROJECT
R16	B.Tech	24	4	2	R164224A	AUTOMOTIVE SAFETY
R16	B.Tech	24	4	2	R164224B	AUTOMOTIVE MANUFACTURING SYSTEMS
R16	B.Tech	24	4	2	R164224C	AUTOMOBILE AIR CONDITIONING
R16	B.Tech	26	1	1	R161101	ENGLISH-I
R16	B.Tech	26	1	1	R161102	MATHEMATICS-I
R16	B.Tech	26	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	26	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	26	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	26	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	26	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	26	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	26	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	26	1	2	R161201	ENGLISH-II
R16	B.Tech	26	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	26	1	2	R161203	MATHEMATICS - III
R16	B.Tech	26	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	26	1	2	R161209	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
R16	B.Tech	26	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	26	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	26	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	26	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	26	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	26	2	1	R1621026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	26	2	1	R1621034	FLUID MECHANICS & HYDRAULIC MACHINERY
R16	B.Tech	26	2	1	R1621035	COMPUTER AIDED ENGINEERING DRAWING PRACTICE
R16	B.Tech	26	2	1	R1621036	ELECTRICAL & ELECTRONICS ENGINEERING LAB
R16	B.Tech	26	2	1	R1621261	DEVELOPMENT OF MINERAL DEPOSITS
R16	B.Tech	26	2	1	R1621262	THERMAL ENGINEERING FOR MINING
R16	B.Tech	26	2	1	R1621263	MINING GEOLOGY-I
R16	B.Tech	26	2	1	R1621264	FLUID MECHANICS AND HYDRAULIC MACHINERY LAB
R16	B.Tech	26	2	2	R1622031	KINEMATICS OF MACHINERY
R16	B.Tech	26	2	2	R1622036	INDUSTRIAL ENGINEERING AND MANAGEMENT
R16	B.Tech	26	2	2	R1622261	MATERIALS ENGINEERING
R16	B.Tech	26	2	2	R1622262	MINING GEOLOGY - II
R16	B.Tech	26	2	2	R1622263	MINE SURVEYING - I
R16	B.Tech	26	2	2	R1622264	SURFACE MINING
R16	B.Tech	26	2	2	R1622265	GEOLOGY LAB
R16	B.Tech	26	2	2	R1622266	MATERIALS LAB
R16	B.Tech	26	2	2	R1622267	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	26	3	1	R1631261	UNDERGROUND COAL MINING TECHNOLOGY
R16	B.Tech	26	3	1	R1631262	MINE ENVIRONMENT ENGINEERING - I
R16	B.Tech	26	3	1	R1631263	ELECTRICAL EQUIPMENT IN MINES
R16	B.Tech	26	3	1	R1631264	MINE SURVEYING- II
R16	B.Tech	26	3	1	R1631265	MINING MACHINERY & MECHANIZATION - I
R16	B.Tech	26	3	1	R1631266	ADVANCED ENGLISH COMMUNICATION SKILLS LAB
R16	B.Tech	26	3	1	R1631267	MINE SURVEYING LAB
R16	B.Tech	26	3	1	R1631268	MECHANICAL ENGINEERING LAB
R16	B.Tech	26	3	1	R1631269	MINE FIELD VISIT(MANDATORY)
R16	B.Tech	26	3	2	R163201D	WASTE WATER MANAGEMENT

R16	B.Tech	26	3	2	R163203A	ENTREPRENEURSHIP
R16	B.Tech	26	3	2	R163203C	INDUSTRIAL ROBOTICS
R16	B.Tech	26	3	2	R1632261	MINE SYSTEMS ENGINEERING
R16	B.Tech	26	3	2	R1632262	MINERAL ENGINEERING AND FUEL TECHNOLOGY
R16	B.Tech	26	3	2	R1632263	MINE ENVIRONMENTAL ENGINEERING - II
R16	B.Tech	26	3	2	R1632264	MINING MACHINERY & MECHANIZATION - I
R16	B.Tech	26	3	2	R1632266	MINERAL ENGINEERING LAB
R16	B.Tech	26	3	2	R1632267	ENVIRONMENTAL ENGINEERING LAB
R16	B.Tech	26	3	2	R1632268	MINE PLANNING & DESIGN LAB
R16	B.Tech	26	3	2	R1632269	INDUSTRIAL TRAINING (3-4WEEKS)
R16	B.Tech	26	3	2	R163226A	QUALITY AND RELIABILITY ENGINEERING
R16	B.Tech	26	3	2	R163226B	ROCK EXCAVATION ENGINEERING
R16	B.Tech	26	3	2	R163226C	MINE SAFETY ENGINEERING
R16	B.Tech	26	4	1	R1641019	IPR & PATENTS
R16	B.Tech	26	4	1	R1641261	COMPUTER APPLICATIONS IN MINING
R16	B.Tech	26	4	1	R1641262	UNDERGROUND METAL MINING TECHNOLOGY
R16	B.Tech	26	4	1	R1641263	ROCK MECHANICS & GROUND CONTROL
R16	B.Tech	26	4	1	R1641264	MINE LEGISLATION & GENERAL SAFETY
R16	B.Tech	26	4	1	R1641267	COMPUTER APPLICATIONS IN MINING LAB
R16	B.Tech	26	4	1	R1641268	ROCK MECHANICS & GROUND CONTROL LAB
R16	B.Tech	26	4	1	R164126A	ROCK SLOPE ENGINEERING
R16	B.Tech	26	4	1	R164126B	MINE SUBSIDENCE ENGINEERING
R16	B.Tech	26	4	1	R164126C	ROCK FRAGMENTATION ENGINEERING
R16	B.Tech	26	4	1	R164126D	DEEP SEA MINING
R16	B.Tech	26	4	1	R164126E	MINE CONSTRUCTION ENGINEERING
R16	B.Tech	26	4	1	R164126F	TUNNELING ENGINEERING
R16	B.Tech	26	4	2	R1642031	PRODUCTION PLANNING AND CONTROL (COMMON TO MECHANICAL AND MINING)
R16	B.Tech	26	4	2	R1642261	MINE ECONOMICS AND INVESTMENT
R16	B.Tech	26	4	2	R1642262	MINE HEALTH AND SAFETY ENGINEERING
R16	B.Tech	26	4	2	R1642265	SEMINAR
R16	B.Tech	26	4	2	R1642266	PROJECT
R16	B.Tech	26	4	2	R164226A	PLANNING OF UNDERGROUND METAL MINING PROJECTS
R16	B.Tech	26	4	2	R164226B	PLANNING OF UNDERGROUND COAL MINING PROJECTS
R16	B.Tech	26	4	2	R164226C	PLANNING OF SURFACE MINING PROJECTS
R16	B.Tech	27	1	1	R161101	ENGLISH-I
R16	B.Tech	27	1	1	R161102	MATHEMATICS-I
R16	B.Tech	27	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	27	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	27	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	27	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	27	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	27	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	27	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	27	1	2	R161201	ENGLISH-II
R16	B.Tech	27	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	27	1	2	R161203	MATHEMATICS - III
R16	B.Tech	27	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	27	1	2	R161205	ELEMENTS OF MECHANICAL ENGINEERING
R16	B.Tech	27	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	27	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	27	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	27	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	27	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	27	2	1	R1621012	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R16	B.Tech	27	2	1	R1621081	COMPLEX VARIABLES
R16	B.Tech	27	2	1	R1621084	CHEMICAL PROCESS CALCULATIONS
R16	B.Tech	27	2	1	R1621085	BASIC ENGINEERING (MECH. + ELEC.) LAB
R16	B.Tech	27	2	1	R1621271	MATERIALS SCIENCE & ENGINEERING
R16	B.Tech	27	2	1	R1621272	GENERAL GEOLOGY
R16	B.Tech	27	2	1	R1621273	SURVEYING & OFFSHORE STRUCTURES
R16	B.Tech	27	2	1	R1621274	GEOLOGY & SURVEYING LAB
R16	B.Tech	27	2	1	R1621275	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	27	2	2	R1622267	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	27	2	2	R1622271	PROBABILITY & STATISTICS
R16	B.Tech	27	2	2	R1622272	MOMENTUM TRANSFER
R16	B.Tech	27	2	2	R1622273	PETROLEUM GEOLOGY
R16	B.Tech	27	2	2	R1622274	THERMODYNAMICS FOR PETROLEUM ENGINEERS
R16	B.Tech	27	2	2	R1622275	PROCESS HEAT TRANSFER
R16	B.Tech	27	2	2	R1622276	PETROLEUM EXPLORATION
R16	B.Tech	27	2	2	R1622277	MOMENTUM TRANSFER LAB
R16	B.Tech	27	2	2	R1622278	PROCESS HEAT TRANSFER LAB
R16	B.Tech	27	3	1	R1631011	MANAGEMENT SCIENCE
R16	B.Tech	27	3	1	R1631271	PROCESS DYNAMICS & CONTROL
R16	B.Tech	27	3	1	R1631272	PROCESS INSTRUMENTATION
R16	B.Tech	27	3	1	R1631273	WELL LOGGING & FORMATION EVALUATION
R16	B.Tech	27	3	1	R1631274	DRILLING TECHNOLOGY
R16	B.Tech	27	3	1	R1631275	MATHEMATICAL METHODS LAB
R16	B.Tech	27	3	1	R1631276	INSTRUMENTATION PROCESS DYNAMICS & CONTROL LAB
R16	B.Tech	27	3	1	R1631277	DRILLING FLUIDS LAB
R16	B.Tech	27	3	1	R1631278	INDUSTRIAL VISITS
R16	B.Tech	27	3	1	R1631279	MINI PROJECT-I
R16	B.Tech	27	3	2	R163201A	ELECTRONIC INSTRUMENTATION
R16	B.Tech	27	3	2	R163201C	ALTERNATIVE ENERGY SOURCES FOR AUTOMOBILES
R16	B.Tech	27	3	2	R163201D	WASTE WATER MANAGEMENT
R16	B.Tech	27	3	2	R1632271	WELL COMPLETIONS TESTING & SERVICING
R16	B.Tech	27	3	2	R1632272	PETROLEUM PRODUCTION ENGINEERING
R16	B.Tech	27	3	2	R1632273	PETROLEUM RESERVOIR ENGINEERING-I
R16	B.Tech	27	3	2	R1632274	PETROLEUM REFINERY & PETROCHEMICAL ENGINEERING
R16	B.Tech	27	3	2	R1632276	DRILLING SIMULATION LAB
R16	B.Tech	27	3	2	R1632277	PETROLEUM ANALYSIS LAB
R16	B.Tech	27	3	2	R1632278	PETROLEUM RESERVOIR ENGINEERING LAB

R16	B.Tech	27	3	2	R1632279	SUMMER INTERNSHIP (4-6 WEEKS)
R16	B.Tech	27	3	2	R163227A	BIG DATA ANALYTICS
R16	B.Tech	27	3	2	R163227B	FUNDAMENTALS OF LIQUEFIED NATURAL GAS
R16	B.Tech	27	3	2	R163227C	COMPUTATIONAL FLUID DYNAMICS
R16	B.Tech	27	3	2	R1632280	MINI PROJECT-II
R16	B.Tech	27	4	1	R1641019	IPR & PATENTS
R16	B.Tech	27	4	1	R1641271	INTEGRATED ASSET MANAGEMENT
R16	B.Tech	27	4	1	R1641272	PETROLEUM RESERVOIR ENGINEERING-II
R16	B.Tech	27	4	1	R1641273	SURFACE PRODUCTION OPERATIONS
R16	B.Tech	27	4	1	R1641274	OIL & GAS PROCESSING PLANT DESIGN
R16	B.Tech	27	4	1	R1641277	PETROLEUM EQUIPMENT DESIGN & SIMULATION LAB
R16	B.Tech	27	4	1	R1641278	PETROLEUM RESERVOIR SIMULATION LAB
R16	B.Tech	27	4	1	R164127A	NATURAL GAS HYDRATES
R16	B.Tech	27	4	1	R164127B	PIPELINE ENGINEERING (COMMON TO PE AND PCE)
R16	B.Tech	27	4	1	R164127C	HORIZONTAL WELL TECHNOLOGY
R16	B.Tech	27	4	1	R164127D	COAL BED METHANE ENGINEERING
R16	B.Tech	27	4	1	R164127E	OFFSHORE ENGINEERING
R16	B.Tech	27	4	1	R164127F	RESERVOIR STIMULATION
R16	B.Tech	27	4	2	R1642271	EOR TECHNIQUES
R16	B.Tech	27	4	2	R1642272	HSE AND PE IN PETROLEUM INDUSTRY
R16	B.Tech	27	4	2	R1642273	PETROLEUM ECONOMICS POLICIES AND REGULATIONS
R16	B.Tech	27	4	2	R1642275	SEMINAR(SIP REPORT PRESENTATION)
R16	B.Tech	27	4	2	R1642276	PROJECT
R16	B.Tech	27	4	2	R164227A	SHALE GAS RESERVOIR ENGINEERING
R16	B.Tech	27	4	2	R164227B	SUBSEA ENGINEERING
R16	B.Tech	27	4	2	R164227C	RESERVOIR MODELLING AND SIMULATION
R16	B.Tech	28	1	1	R161101	ENGLISH-I
R16	B.Tech	28	1	1	R161102	MATHEMATICS-I
R16	B.Tech	28	1	1	R161105	ENGINEERING CHEMISTRY
R16	B.Tech	28	1	1	R161107	COMPUTER PROGRAMMING
R16	B.Tech	28	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	28	1	1	R161111	ENGINEERING MECHANICS
R16	B.Tech	28	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	28	1	1	R161118	ENGINEERING/APPLIED CHEMISTRY LABORATORY
R16	B.Tech	28	1	1	R161119	C PROGRAMMING LAB
R16	B.Tech	28	1	2	R161201	ENGLISH-II
R16	B.Tech	28	1	2	R161202	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	28	1	2	R161203	MATHEMATICS - III
R16	B.Tech	28	1	2	R161204	ENGINEERING PHYSICS
R16	B.Tech	28	1	2	R161205	ELEMENTS OF MECHANICAL ENGINEERING
R16	B.Tech	28	1	2	R161210	ENGINEERING DRAWING
R16	B.Tech	28	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	28	1	2	R161222	ENGINEERING /APPLIED PHYSICS LAB
R16	B.Tech	28	1	2	R161223	ENGINEERING /APPLIED PHYSICS- VIRTUAL LABS - ASSIGNMENTS
R16	B.Tech	28	1	2	R161224	ENGG. WORKSHOP & IT WORKSHOP
R16	B.Tech	28	2	1	R1621012	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R16	B.Tech	28	2	1	R1621081	COMPLEX VARIABLES
R16	B.Tech	28	2	1	R1621082	ORGANIC CHEMISTRY
R16	B.Tech	28	2	1	R1621083	PHYSICAL CHEMISTRY
R16	B.Tech	28	2	1	R1621084	CHEMICAL PROCESS CALCULATIONS
R16	B.Tech	28	2	1	R1621085	BASIC ENGINEERING (MECH. + ELEC.) LAB
R16	B.Tech	28	2	1	R1621086	PHYSICAL & ORGANIC CHEMISTRY LAB
R16	B.Tech	28	2	1	R1621271	MATERIALS SCIENCE & ENGINEERING
R16	B.Tech	28	2	1	R1621275	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	35	1	1	R161101	ENGLISH-I
R16	B.Tech	35	1	1	R161102	MATHEMATICS-I
R16	B.Tech	35	1	1	R161103	ENGINEERING PHYSICS
R16	B.Tech	35	1	1	R161108	ENVIRONMENTAL STUDIES
R16	B.Tech	35	1	1	R161109	MATHEMATICS-II (MATHEMATICAL METHODS)
R16	B.Tech	35	1	1	R161112	ENGINEERING DRAWING(CSE/IT/AGRIE)
R16	B.Tech	35	1	1	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I
R16	B.Tech	35	1	1	R161117	ENGINEERING WORKSHOP & IT WORKSHOP
R16	B.Tech	35	1	1	R161120	ENGINEERING/APPLIED PHYSICS LABORATORY
R16	B.Tech	35	1	1	R161121	ENGINEERING/APPLIED PHYSICS - VIRTUAL LABS-ASSIGNMENTS
R16	B.Tech	35	1	2	R161201	ENGLISH-II
R16	B.Tech	35	1	2	R161203	MATHEMATICS - III
R16	B.Tech	35	1	2	R161216	ENGINEERING MECHANICS
R16	B.Tech	35	1	2	R161219	ENGINEERING CHEMISTRY
R16	B.Tech	35	1	2	R161220	PRINCIPLES OF SOIL SCIENCE & AGRONOMY
R16	B.Tech	35	1	2	R161221	ENGLISH - COMMUNICATION SKILLS LAB - II
R16	B.Tech	35	1	2	R161228	COMPUTER PROGRAMMING LAB
R16	B.Tech	35	1	2	R161230	ENGINEERING /APPLIED CHEMISTRY LABORATORY
R16	B.Tech	35	1	2	R161231	COMPUTER PROGRAMMING
R16	B.Tech	35	2	1	R1621351	FLUID MECHANICS AND OPEN CHANNEL HYDRAULICS
R16	B.Tech	35	2	1	R1621352	RENEWABLE ENERGY SOURCES
R16	B.Tech	35	2	1	R1621353	GROUND WATER HYDROLOGY WELLS AND PUMPS
R16	B.Tech	35	2	1	R1621354	PROPERTIES AND STRENGTH OF MATERIALS
R16	B.Tech	35	2	1	R1621355	ELECTRICAL SYSTEMS
R16	B.Tech	35	2	1	R1621356	SURVEYING
R16	B.Tech	35	2	1	R1621357	FLUID MECHANICS AND OPEN CHANNEL HYDRAULICS LAB
R16	B.Tech	35	2	1	R1621358	SURVEYING LAB
R16	B.Tech	35	2	2	R1622351	THEORY OF STRUCTURES
R16	B.Tech	35	2	2	R1622352	HEAT AND MASS TRANSFER
R16	B.Tech	35	2	2	R1622353	THEORY OF MACHINES
R16	B.Tech	35	2	2	R1622354	SOIL MECHANICS
R16	B.Tech	35	2	2	R1622355	SURFACE WATER HYDROLOGY
R16	B.Tech	35	2	2	R1622356	FARM POWER AND TRACTOR SYSTEMS
R16	B.Tech	35	2	2	R1622357	SOIL SCIENCE AND AGRONOMY FIELD LAB
R16	B.Tech	35	2	2	R1622358	MACHINE DRAWING AND COMPUTER GRAPHICS LAB
R16	B.Tech	35	3	1	R1631029	IPR & PATENTS
R16	B.Tech	35	3	1	R1631351	THERMODYNAMICS AND REFRIGERATION SYSTEMS

R16	B.Tech	35	3	1	R1631352	SOIL AND WATER CONSERVATION ENGINEERING
R16	B.Tech	35	3	1	R1631353	AGRICULTURAL PROCESS ENGINEERING
R16	B.Tech	35	3	1	R1631354	ENGINEERING PROPERTIES OF BIOLOGICAL MATERIALS AND FOOD QUALITY
R16	B.Tech	35	3	1	R1631355	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R16	B.Tech	35	3	1	R1631356	AGRICULTURAL PROCESS ENGINEERING LAB
R16	B.Tech	35	3	1	R1631357	ADVANCED ENGLISH COMMUNICATIONS SKILLS LAB
R16	B.Tech	35	3	1	R1631358	FIELD OPERATION AND MAINTENANCE OF TRACTORS LAB - 1
R16	B.Tech	35	3	2	R1632029	PROFESSIONAL ETHICS & HUMAN VALUES
R16	B.Tech	35	3	2	R1632351	IRRIGATION AND DRAINAGE ENGINEERING
R16	B.Tech	35	3	2	R1632352	FARM MACHINERY AND EQUIPMENT - I
R16	B.Tech	35	3	2	R1632353	DESIGN OF SOIL WATER CONSERVATION AND FARM STRUCTURES
R16	B.Tech	35	3	2	R1632354	DAIRY AND FOOD ENGINEERING
R16	B.Tech	35	3	2	R1632356	FARM MACHINERY LAB - 1
R16	B.Tech	35	3	2	R1632357	FIELD OPERATION AND MAINTENANCE OF TRACTORS LAB - 2
R16	B.Tech	35	3	2	R1632358	SOIL AND WATER ENGINEERING LAB
R16	B.Tech	35	3	2	R163235A	OPERATIONS RESEARCH
R16	B.Tech	35	3	2	R163235B	DIGITAL CONTROL SYSTEMS
R16	B.Tech	35	3	2	R163235C	ROBOTICS & AUTOMATION
R16	B.Tech	35	3	2	R163235D	INDUSTRIAL POLLUTION CONTROL ENGINEERING
R16	B.Tech	35	3	2	R163235E	FINITE ELEMENT METHOD
R16	B.Tech	35	3	2	R163235F	WATER RESOURCES SYSTEM PLANNING AND MANAGEMENT
R16	B.Tech	35	4	1	R1641351	MICRO IRRIGATION ENGINEERING
R16	B.Tech	35	4	1	R1641352	FARM MACHINERY AND EQUIPMENTS-II
R16	B.Tech	35	4	1	R1641353	POST HARVEST ENGINEERING FOR HORTICULTURE PRODUCE
R16	B.Tech	35	4	1	R1641354	MECHANICAL MEASUREMENTS AND INSTRUMENTATION
R16	B.Tech	35	4	1	R1641357	FARM MACHINERY LAB-2
R16	B.Tech	35	4	1	R1641358	DAIRY AND FOOD ENGINEERING LAB
R16	B.Tech	35	4	1	R164135A	SEED PROCESSING AND STORAGE ENGINEERING
R16	B.Tech	35	4	1	R164135B	GREEN HOUSE TECHNOLOGIES(NO SYLLABUS)
R16	B.Tech	35	4	1	R164135C	FOOD PROCESSING PLANT DESIGN AND LAYOUT
R16	B.Tech	35	4	1	R164135D	WATERSHED MANAGEMENT
R16	B.Tech	35	4	1	R164135E	FOOD PACKAGING TECHNOLOGY
R16	B.Tech	35	4	1	R164135F	MINOR IRRIGATION AND COMMAND AREA DEVELOPMENT(NO SYLLABUS)
R16	B.Tech	35	4	2	R1642351	DESIGN OF AGRICULTURAL MACHINERY
R16	B.Tech	35	4	2	R1642352	AGRICULTURAL EXTENSION TECHNIQUES AND BUSINESS MANAGEMET
R16	B.Tech	35	4	2	R1642353	AGRO INDUSTRIES AND BI-PRODUCT UTILIZATION
R16	B.Tech	35	4	2	R1642355	SEMINAR
R16	B.Tech	35	4	2	R1642356	PROJECT
R16	B.Tech	35	4	2	R164235A	GIS AND REMOTE SENSING
R16	B.Tech	35	4	2	R164235B	HUMAN ENGINEERING AND SAFETY
R16	B.Tech	35	4	2	R164235C	PRODUCTION TECHNOLOGY OF AGRICULTURAL MACHINERY
R19	B.Tech	1	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	1	1	1	R19BS1102	MATHEMATICS-II
R19	B.Tech	1	1	1	R19BS1108	ENGINEERING PHYSICS
R19	B.Tech	1	1	1	R19BS1109	ENGINEERING PHYSICS LAB
R19	B.Tech	1	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	1	1	1	R19ES1104	ENGINEERING MECHANICS
R19	B.Tech	1	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	1	1	1	R19PR1101	ENGINEERING EXPLORATION LAB
R19	B.Tech	1	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	1	1	2	R19BS1210	ENGINEERING CHEMISTRY
R19	B.Tech	1	1	2	R19BS1211	ENGINEERING CHEMISTRY LAB
R19	B.Tech	1	1	2	R19ES1201	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	1	1	2	R19ES1202	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	1	1	2	R19ES1207	COMPUTER AIDED ENGINEERING DRAWING
R19	B.Tech	1	1	2	R19ES1219	WORKSHOP PRACTICE LAB
R19	B.Tech	1	1	2	R19HS1201	ENGLISH
R19	B.Tech	1	1	2	R19HS1203	COMMUNICATIONS SKILLS LAB
R19	B.Tech	1	1	2	R19M1201	ENVIRONMENTAL SCIENCE
R19	B.Tech	1	2	1	R1921011	COMPLEX VARIABLES AND STATISTICAL METHODS
R19	B.Tech	1	2	1	R1921012	STRENGTH OF MATERIALS-I
R19	B.Tech	1	2	1	R1921013	FLUID MECHANICS
R19	B.Tech	1	2	1	R1921014	SURVEYING AND GEOMETRICS
R19	B.Tech	1	2	1	R1921015	BUILDING MATERIALS, CONSTRUCTION AND PLANNING
R19	B.Tech	1	2	1	R1921016	TRANSPORTATION ENGINEERING-I
R19	B.Tech	1	2	1	R1921017	STRENGTH OF MATERIALS LAB
R19	B.Tech	1	2	1	R1921018	SURVEYING FIELD WORK - I
R19	B.Tech	1	2	1	R1921019	CONSTITUTION OF INDIA
R19	B.Tech	1	2	2	R1922011	STRENGTH OF MATERIALS-II
R19	B.Tech	1	2	2	R1922012	HYDRAULICS AND HYDRAULIC MACHINERY
R19	B.Tech	1	2	2	R1922013	ENGINEERING GEOLOGY
R19	B.Tech	1	2	2	R1922014	TRANSPORTATION ENGINEERING-II
R19	B.Tech	1	2	2	R1922015	ENVIRONMENTAL ENGINEERING-I
R19	B.Tech	1	2	2	R1922016	ENGINEERING GEOLOGY LAB
R19	B.Tech	1	2	2	R1922017	TRANSPORTATION ENGINEERING LAB
R19	B.Tech	1	2	2	R1922018	FLUID MECHANICS & HYDRAULICS MACHINERY LAB
R19	B.Tech	1	2	2	R1922019	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE/PROFESSIONAL ETHICS AND HUMAN VALUES
R19	B.Tech	1	3	1	R1931011	STRUCTURAL ANALYSIS
R19	B.Tech	1	3	1	R1931012	CONCRETE TECHNOLOGY
R19	B.Tech	1	3	1	R1931013	WATER RESOURCES ENGINEERING-I
R19	B.Tech	1	3	1	R1931014	ENVIRONMENTAL ENGINEERING-II
R19	B.Tech	1	3	1	R1931015	CONCRETE TECHNOLOGY LAB
R19	B.Tech	1	3	1	R1931016	SURVEYING FIELD WORK-II
R19	B.Tech	1	3	1	R193101A	REPAIR & REHABILITATION OF BUILDINGS
R19	B.Tech	1	3	1	R193101B	ENVIRONMENTAL IMPACT ASSESSMENT
R19	B.Tech	1	3	1	R193101C	REINFORCED SOIL STRUCTURES
R19	B.Tech	1	3	1	R193101D	TRAFFIC ENGINEERING
R19	B.Tech	1	3	1	R193101E	CONSTRUCTION TECHNOLOGY & MANAGEMENT
R19	B.Tech	1	3	1	R193101F	DISASTER MANAGEMENT
R19	B.Tech	1	3	1	R193101G	ENVIRONMENTAL POLLUTION & CONTROL
R19	B.Tech	1	3	1	R193101H	ELEMENTS OF CIVIL ENGINEERING

R19	B.Tech	1	3	1	R193101I	GREEN TECHNOLOGY
R19	B.Tech	1	3	1	R193101J	SMART CITIES
R19	B.Tech	1	3	1	R193101K	PROJECT MANAGEMENT
R19	B.Tech	1	3	1	R193101L	TRAFFIC SAFETY
R19	B.Tech	1	3	1	R193101M	GEO-SPATIAL TECHNOLOGIES
R19	B.Tech	1	3	1	R193101N	WASTEWATER TREATMENT
R19	B.Tech	2	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	2	1	1	R19BS1106	APPLIED CHEMISTRY
R19	B.Tech	2	1	1	R19BS1107	APPLIED CHEMISTRY LAB
R19	B.Tech	2	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	2	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	2	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	2	1	1	R19HS1101	ENGLISH
R19	B.Tech	2	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	2	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	2	1	2	R19BS1202	MATHEMATICS-II
R19	B.Tech	2	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	2	1	2	R19BS1204	APPLIED PHYSICS
R19	B.Tech	2	1	2	R19BS1205	APPLIED PHYSICS LAB
R19	B.Tech	2	1	2	R19ES1212	FUNDAMENTALS OF COMPUTERS
R19	B.Tech	2	1	2	R19ES1217	ELECTRICAL CIRCUIT ANALYSIS-I
R19	B.Tech	2	1	2	R19ES1218	ELECTRICAL ENGINEERING WORKSHOP
R19	B.Tech	2	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	2	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	2	2	1	R1921021	ELECTRICAL CIRCUIT ANALYSIS - II
R19	B.Tech	2	2	1	R1921022	ELECTRICAL MACHINES-I
R19	B.Tech	2	2	1	R1921023	ELECTRONIC DEVICES AND CIRCUITS
R19	B.Tech	2	2	1	R1921024	ELECTRO MAGNETIC FIELDS
R19	B.Tech	2	2	1	R1921025	THERMAL AND HYDRO PRIME MOVERS
R19	B.Tech	2	2	1	R1921026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R19	B.Tech	2	2	1	R1921027	THERMAL AND HYDRO LABORATORY
R19	B.Tech	2	2	1	R1921028	ELECTRICAL CIRCUITS LABORATORY
R19	B.Tech	2	2	1	R1921029	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	2	2	2	R1922021	ELECTRICAL MEASUREMENTS & INSTRUMENTATION
R19	B.Tech	2	2	2	R1922022	ELECTRICAL MACHINES-II
R19	B.Tech	2	2	2	R1922023	DIGITAL ELECTRONICS
R19	B.Tech	2	2	2	R1922024	CONTROL SYSTEMS
R19	B.Tech	2	2	2	R1922025	POWER SYSTEMS-I
R19	B.Tech	2	2	2	R1922026	SIGNALS AND SYSTEMS
R19	B.Tech	2	2	2	R1922027	ELECTRICAL MACHINES-I LABORATORY
R19	B.Tech	2	2	2	R1922028	ELECTRONIC DEVICES & CIRCUITS LABORATORY
R19	B.Tech	2	2	2	R1922029	PROFESSIONAL ETHICS AND HUMAN VALUES
R19	B.Tech	2	3	1	R1931021	POWER SYSTEMS-II
R19	B.Tech	2	3	1	R1931022	POWER ELECTRONICS
R19	B.Tech	2	3	1	R1931023	LINEAR IC APPLICATIONS
R19	B.Tech	2	3	1	R1931024	DIGITAL SIGNAL PROCESSING
R19	B.Tech	2	3	1	R1931025	MICROPROCESSORS AND MICROCONTROLLERS
R19	B.Tech	2	3	1	R1931026	ELECTRICAL MACHINES-II LABORATORY
R19	B.Tech	2	3	1	R1931027	CONTROL SYSTEMS LABORATORY
R19	B.Tech	2	3	1	R1931028	ELECTRICAL MEASUREMENTS & INSTRUMENTATION LABORATORY
R19	B.Tech	2	3	1	R1931029	SOCIALLY RELEVANT PROJECTS
R19	B.Tech	3	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	3	1	1	R19BS1102	MATHEMATICS-II
R19	B.Tech	3	1	1	R19BS1108	ENGINEERING PHYSICS
R19	B.Tech	3	1	1	R19BS1109	ENGINEERING PHYSICS LAB
R19	B.Tech	3	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	3	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	3	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	3	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	3	1	1	R19MC1104	CONSTITUTION OF INDIA
R19	B.Tech	3	1	2	R19BS1210	ENGINEERING CHEMISTRY
R19	B.Tech	3	1	2	R19BS1211	ENGINEERING CHEMISTRY LAB
R19	B.Tech	3	1	2	R19ES1204	ENGINEERING MECHANICS
R19	B.Tech	3	1	2	R19ES1206	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R19	B.Tech	3	1	2	R19ES1207	COMPUTER AIDED ENGINEERING DRAWING
R19	B.Tech	3	1	2	R19ES1208	BASIC ELECTRICAL & ELECTRONICS ENGINEERING LAB
R19	B.Tech	3	1	2	R19ES1219	WORKSHOP PRACTICE LAB
R19	B.Tech	3	1	2	R19HS1201	ENGLISH
R19	B.Tech	3	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	3	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	3	2	1	R1921030	SOCIALLY RELEVANT PROJECT
R19	B.Tech	3	2	1	R1921031	VECTOR CALCULUS & FOURIER TRANSFORMS
R19	B.Tech	3	2	1	R1921032	MECHANICS OF SOLIDS
R19	B.Tech	3	2	1	R1921033	MATERIAL SCIENCE & METALLURGY
R19	B.Tech	3	2	1	R1921034	PRODUCTION TECHNOLOGY
R19	B.Tech	3	2	1	R1921035	THERMODYNAMICS
R19	B.Tech	3	2	1	R1921036	MACHINE DRAWING
R19	B.Tech	3	2	1	R1921037	METALLURGY & MECHANICS OF SOLIDS LAB
R19	B.Tech	3	2	1	R1921038	PRODUCTION TECHNOLOGY LAB
R19	B.Tech	3	2	1	R1921039	ENVIRONMENTAL SCIENCE
R19	B.Tech	3	2	2	R1922031	COMPLEX VARIABLES & STATISTICAL METHODS
R19	B.Tech	3	2	2	R1922032	KINEMATICS OF MACHINERY
R19	B.Tech	3	2	2	R1922033	APPLIED THERMODYNAMICS
R19	B.Tech	3	2	2	R1922034	FLUID MECHANICS & HYDRAULIC MACHINES
R19	B.Tech	3	2	2	R1922035	METAL CUTTING & MACHINE TOOLS
R19	B.Tech	3	2	2	R1922036	DESIGN OF MACHINE MEMBERS-I
R19	B.Tech	3	2	2	R1922037	FLUID MECHANICS & HYDRAULIC MACHINES LAB
R19	B.Tech	3	2	2	R1922038	MACHINE TOOLS LAB
R19	B.Tech	3	2	2	R1922039	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	3	3	1	R1931031	DYNAMICS OF MACHINERY
R19	B.Tech	3	3	1	R1931032	DESIGN OF MACHINE MEMBERS-II

R19	B.Tech	3	3	1	R1931033	MECHANICAL MEASUREMENTS & METROLOGY
R19	B.Tech	3	3	1	R1931034	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTANCY
R19	B.Tech	3	3	1	R1931035	IC ENGINES & GAS TURBINES
R19	B.Tech	3	3	1	R1931036	THERMAL ENGINEERING LAB
R19	B.Tech	3	3	1	R1931037	THEORY OF MACHINES LAB
R19	B.Tech	3	3	1	R1931038	MECHANICAL MEASUREMENTS & METROLOGY LAB
R19	B.Tech	3	3	1	R1931039	SOCIALLY RELEVANT PROJECT
R19	B.Tech	4	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	4	1	1	R19BS1106	APPLIED CHEMISTRY
R19	B.Tech	4	1	1	R19BS1107	APPLIED CHEMISTRY LAB
R19	B.Tech	4	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	4	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	4	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	4	1	1	R19HS1101	ENGLISH
R19	B.Tech	4	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	4	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	4	1	2	R19BS1202	MATHEMATICS-II
R19	B.Tech	4	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	4	1	2	R19BS1204	APPLIED PHYSICS
R19	B.Tech	4	1	2	R19BS1205	APPLIED PHYSICS LAB
R19	B.Tech	4	1	2	R19ES1206	BASIC ELECTRICAL ENGINEERING
R19	B.Tech	4	1	2	R19ES1208	BASIC ELECTRICAL ENGINEERING LAB
R19	B.Tech	4	1	2	R19ES1209	NETWORK ANALYSIS
R19	B.Tech	4	1	2	R19ES1215	ELECTRONIC WORKSHOP
R19	B.Tech	4	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	4	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	4	2	1	R1921019	CONSTITUTION OF INDIA
R19	B.Tech	4	2	1	R1921026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R19	B.Tech	4	2	1	R1921041	ELECTRONIC DEVICES AND CIRCUITS
R19	B.Tech	4	2	1	R1921042	SWITCHING THEORY AND LOGIC DESIGN
R19	B.Tech	4	2	1	R1921043	SIGNALS AND SYSTEMS
R19	B.Tech	4	2	1	R1921044	RANDOM VARIABLES AND STOCHASTIC PROCESSES
R19	B.Tech	4	2	1	R1921045	OBJECT ORIENTED PROGRAMMING THROUGH JAVA
R19	B.Tech	4	2	1	R1921046	ELECTRONIC DEVICES AND CIRCUITS - LAB
R19	B.Tech	4	2	1	R1921047	SWITCHING THEORY AND LOGIC DESIGN - LAB
R19	B.Tech	4	2	2	R1922041	ELECTRONIC CIRCUIT ANALYSIS
R19	B.Tech	4	2	2	R1922042	LINEAR CONTROL SYSTEMS
R19	B.Tech	4	2	2	R1922043	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES
R19	B.Tech	4	2	2	R1922044	ANALOG COMMUNICATIONS
R19	B.Tech	4	2	2	R1922045	COMPUTER ARCHITECTURE AND ORGANIZATION
R19	B.Tech	4	2	2	R1922046	MANAGEMENT AND ORGANIZATIONAL BEHAVIOR
R19	B.Tech	4	2	2	R1922047	ELECTRONIC CIRCUIT ANALYSIS-LAB
R19	B.Tech	4	2	2	R1922048	ANALOG COMMUNICATIONS-LAB
R19	B.Tech	4	3	1	R1931041	LINEAR INTEGRATED CIRCUITS AND APPLICATIONS
R19	B.Tech	4	3	1	R1931042	MICROPROCESSOR AND MICROCONTROLLERS
R19	B.Tech	4	3	1	R1931043	DIGITAL COMMUNICATIONS
R19	B.Tech	4	3	1	R1931044	ELECTRONIC MEASUREMENTS & INSTRUMENTATION
R19	B.Tech	4	3	1	R1931045	LINEAR INTEGRATED CIRCUITS AND APPLICATIONS-LAB
R19	B.Tech	4	3	1	R1931046	DIGITAL COMMUNICATIONS LAB
R19	B.Tech	4	3	1	R1931047	MICROPROCESSOR AND MICROCONTROLLERS-LAB
R19	B.Tech	4	3	1	R1931048	MINI PROJECT WITH HARDWARE DEVELOPMENT
R19	B.Tech	4	3	1	R1931049	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	4	3	1	R193104A	INFORMATION THEORY & CODING
R19	B.Tech	4	3	1	R193104B	DIGITAL SYSTEM DESIGN USING HDL
R19	B.Tech	4	3	1	R193104C	DATA STRUCTURES AND ALGORITHMS
R19	B.Tech	4	3	1	R193104D	SOFT COMPUTING TECHNIQUES AND PYTHON PROGRAMMING
R19	B.Tech	4	3	1	R193104E	SIMULATION & MATHEMATICAL MODELING
R19	B.Tech	5	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	5	1	1	R19BS1106	APPLIED CHEMISTRY
R19	B.Tech	5	1	1	R19BS1107	APPLIED CHEMISTRY LAB
R19	B.Tech	5	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	5	1	1	R19ES1105	IT WORKSHOP
R19	B.Tech	5	1	1	R19ES1112	FUNDAMENTALS OF COMPUTER SCIENCE
R19	B.Tech	5	1	1	R19HS1101	ENGLISH
R19	B.Tech	5	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	5	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	5	1	2	R19BS1202	MATHEMATICS-II
R19	B.Tech	5	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	5	1	2	R19BS1204	APPLIED PHYSICS
R19	B.Tech	5	1	2	R19BS1205	APPLIED PHYSICS LAB
R19	B.Tech	5	1	2	R19ES1201	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	5	1	2	R19ES1202	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	5	1	2	R19ES1213	DIGITAL LOGIC DESIGN
R19	B.Tech	5	1	2	R19HS1203	COMMUNICATIONS SKILLS LAB
R19	B.Tech	5	1	2	R19MC1204	CONSTITUTION OF INDIA
R19	B.Tech	5	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	5	2	1	R1921029	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	5	2	1	R1921051	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE
R19	B.Tech	5	2	1	R1921052	SOFTWARE ENGINEERING
R19	B.Tech	5	2	1	R1921053	PYTHON PROGRAMMING
R19	B.Tech	5	2	1	R1921054	DATA STRUCTURES
R19	B.Tech	5	2	1	R1921055	OBJECT ORIENTED PROGRAMMING THROUGH C++
R19	B.Tech	5	2	1	R1921056	COMPUTER ORGANIZATION
R19	B.Tech	5	2	1	R1921057	PYTHON PROGRAMMING LAB
R19	B.Tech	5	2	1	R1921058	DATA STRUCTURES THROUGH C++ LAB
R19	B.Tech	5	2	1	R1921059	EMPLOYABILITY SKILLS- I*
R19	B.Tech	5	2	2	R1922029	PROFESSIONAL ETHICS & HUMAN VALUES
R19	B.Tech	5	2	2	R1922051	PROBABILITY AND STATISTICS
R19	B.Tech	5	2	2	R1922052	JAVA PROGRAMMING
R19	B.Tech	5	2	2	R1922053	OPERATING SYSTEMS
R19	B.Tech	5	2	2	R1922054	DATABASE MANAGEMENT SYSTEMS

R19	B.Tech	5	2	2	R1922055	FORMAL LANGUAGES AND AUTOMATA THEORY
R19	B.Tech	5	2	2	R1922056	JAVA PROGRAMMING LAB
R19	B.Tech	5	2	2	R1922057	UNIX OPERATING SYSTEM LAB
R19	B.Tech	5	2	2	R1922058	DATABASE MANAGEMENT SYSTEMS LAB
R19	B.Tech	5	2	2	R1922059	SOCIALLY RELEVANT PROJECT*
R19	B.Tech	5	3	1	R1931051	DATA WAREHOUSING AND DATA MINING
R19	B.Tech	5	3	1	R1931052	COMPUTER NETWORKS
R19	B.Tech	5	3	1	R1931053	COMPILER DESIGN
R19	B.Tech	5	3	1	R1931054	ARTIFICIAL INTELLIGENCE
R19	B.Tech	5	3	1	R1931055	COMPUTER NETWORKS LAB
R19	B.Tech	5	3	1	R1931056	AI TOOLS & TECHNIQUES LAB
R19	B.Tech	5	3	1	R1931057	DATA MINING LAB
R19	B.Tech	5	3	1	R1931058	EMPLOYABILITY SKILLS-II
R19	B.Tech	5	3	1	R193105A	COMPUTER GRAPHICS
R19	B.Tech	5	3	1	R193105B	PRINCIPLES OF PROGRAMMING LANGUAGES
R19	B.Tech	5	3	1	R193105C	ADVANCED DATA STRUCTURES
R19	B.Tech	5	3	1	R193105D	SOFTWARE TESTING METHODOLOGIES
R19	B.Tech	5	3	1	R193105E	ADVANCED COMPUTER ARCHITECTURE
R19	B.Tech	8	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	8	1	1	R19BS1102	MATHEMATICS-II
R19	B.Tech	8	1	1	R19BS1112	PHYSICAL CHEMISTRY
R19	B.Tech	8	1	1	R19BS1113	PHYSICAL CHEMISTRY LAB
R19	B.Tech	8	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	8	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	8	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	8	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	8	1	1	R19MC1104	CONSTITUTION OF INDIA
R19	B.Tech	8	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	8	1	2	R19BS1208	ENGINEERING PHYSICS
R19	B.Tech	8	1	2	R19BS1209	ENGINEERING PHYSICS LAB
R19	B.Tech	8	1	2	R19CH1201	INTRODUCTION TO CHEMICAL ENGINEERING
R19	B.Tech	8	1	2	R19ES1204	ENGINEERING MECHANICS
R19	B.Tech	8	1	2	R19ES1220	ENGINEERING WORKSHOP & IT WORKSHOP
R19	B.Tech	8	1	2	R19HS1201	ENGLISH
R19	B.Tech	8	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	8	1	2	R19MC1201	ENVIRONMENTAL SCIENCE
R19	B.Tech	8	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	10	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	10	1	1	R19BS1106	APPLIED CHEMISTRY
R19	B.Tech	10	1	1	R19BS1107	APPLIED CHEMISTRY LAB
R19	B.Tech	10	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	10	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	10	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	10	1	1	R19HS1101	ENGLISH
R19	B.Tech	10	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	10	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	10	1	2	R19BS1202	MATHEMATICS-II
R19	B.Tech	10	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	10	1	2	R19BS1204	APPLIED PHYSICS
R19	B.Tech	10	1	2	R19BS1205	APPLIED PHYSICS LAB
R19	B.Tech	10	1	2	R19ES1206	BASIC ELECTRICAL ENGINEERING
R19	B.Tech	10	1	2	R19ES1208	BASIC ELECTRICAL ENGINEERING LAB
R19	B.Tech	10	1	2	R19ES1209	NETWORK ANALYSIS
R19	B.Tech	10	1	2	R19ES1216	ELECTRONIC COMPONENTS & MEASURING INSTRUMENTS WORKSHOP
R19	B.Tech	10	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	10	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	10	2	1	R1921019	CONSTITUTION OF INDIA
R19	B.Tech	10	2	1	R1921046	ELECTRONIC DEVICES AND CIRCUITS -LAB
R19	B.Tech	10	2	1	R1921101	TRANSDUCER TECHNOLOGY
R19	B.Tech	10	2	1	R1921102	DATA STRUCTURES
R19	B.Tech	10	2	1	R1921103	DATA STRUCTURES LAB
R19	B.Tech	12	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	12	1	1	R19BS1106	APPLIED CHEMISTRY
R19	B.Tech	12	1	1	R19BS1107	APPLIED CHEMISTRY LAB
R19	B.Tech	12	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	12	1	1	R19ES1105	IT WORKSHOP
R19	B.Tech	12	1	1	R19ES1112	FUNDAMENTALS OF COMPUTER SCIENCE
R19	B.Tech	12	1	1	R19HS1101	ENGLISH
R19	B.Tech	12	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	12	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	12	1	2	R19BS1202	MATHEMATICS-II
R19	B.Tech	12	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	12	1	2	R19BS1204	APPLIED PHYSICS
R19	B.Tech	12	1	2	R19BS1205	APPLIED PHYSICS LAB
R19	B.Tech	12	1	2	R19ES1201	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	12	1	2	R19ES1202	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	12	1	2	R19ES1213	DIGITAL LOGIC DESIGN
R19	B.Tech	12	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	12	1	2	R19MC1204	CONSTITUTION OF INDIA
R19	B.Tech	12	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	12	2	1	R1921029	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	12	2	1	R1921053	PYTHON PROGRAMMING
R19	B.Tech	12	2	1	R1921054	DATA STRUCTURES
R19	B.Tech	12	2	1	R1921056	COMPUTER ORGANIZATION
R19	B.Tech	12	2	1	R1921057	PYTHON PROGRAMMING LAB
R19	B.Tech	12	2	1	R1921058	DATA STRUCTURES THROUGH C++ LAB
R19	B.Tech	12	2	1	R1921059	EMPLOYABILITY SKILLS-I
R19	B.Tech	12	2	1	R1921121	DISCRETE MATHEMATICAL STRUCTURES
R19	B.Tech	12	2	1	R1921122	PRINCIPLES OF SOFTWARE ENGINEERING
R19	B.Tech	12	2	1	R1921123	OBJECT ORIENTED PROGRAMMING THROUGH C++
R19	B.Tech	12	2	2	R1922029	PROFESSIONAL ETHICS & HUMAN VALUES

R19	B.Tech	12	2	2	R1922051	PROBABILITY AND STATISTICS
R19	B.Tech	12	2	2	R1922052	JAVA PROGRAMMING
R19	B.Tech	12	2	2	R1922054	DATABASE MANAGEMENT SYSTEMS
R19	B.Tech	12	2	2	R1922056	JAVA PROGRAMMING LAB
R19	B.Tech	12	2	2	R1922057	UNIX OPERATING SYSTEMS LAB
R19	B.Tech	12	2	2	R1922058	DATABASE MANAGEMENT SYSTEMS LAB
R19	B.Tech	12	2	2	R1922059	SOCIALLY RELEVANT PROJECT*
R19	B.Tech	12	2	2	R1922121	OPERATING SYSTEMS
R19	B.Tech	12	2	2	R1922122	THEORY OF COMPUTATION
R19	B.Tech	12	3	1	R1931054	ARTIFICIAL INTELLIGENCE
R19	B.Tech	12	3	1	R193105A	COMPUTER GRAPHICS
R19	B.Tech	12	3	1	R193105D	SOFTWARE TESTING METHODOLOGIES
R19	B.Tech	12	3	1	R1931121	ADVANCED DATA STRUCTURES
R19	B.Tech	12	3	1	R1931122	COMPUTER NETWORKS
R19	B.Tech	12	3	1	R1931123	COMPILER DESIGN
R19	B.Tech	12	3	1	R1931124	DESIGN AND ANALYSIS OF ALGORITHMS
R19	B.Tech	12	3	1	R1931125	COMPUTER NETWORKS & COMPILER DESIGN LAB
R19	B.Tech	12	3	1	R1931126	AI TOOLS & TECHNIQUES LAB
R19	B.Tech	12	3	1	R1931127	EMPLOYABILITY SKILLS-II*
R19	B.Tech	12	3	1	R193112A	NOSQL DATABASES
R19	B.Tech	12	3	1	R193112B	SCRIPTING LANGUAGES
R19	B.Tech	12	3	1	R193112C	R-PROGRAMMING
R19	B.Tech	24	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	24	1	1	R19BS1102	MATHEMATICS-II
R19	B.Tech	24	1	1	R19BS1110	ENGINEERING CHEMISTRY
R19	B.Tech	24	1	1	R19BS1111	ENGINEERING CHEMISTRY LAB
R19	B.Tech	24	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	24	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	24	1	1	R19ES1104	ENGINEERING MECHANICS
R19	B.Tech	24	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	24	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	24	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	24	1	2	R19BS1208	ENGINEERING PHYSICS
R19	B.Tech	24	1	2	R19BS1209	ENGINEERING PHYSICS LAB
R19	B.Tech	24	1	2	R19ES1203	ENGINEERING DRAWING
R19	B.Tech	24	1	2	R19ES1206	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
R19	B.Tech	24	1	2	R19ES1208	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LAB
R19	B.Tech	24	1	2	R19ES1220	ENGINEERING WORKSHOP & IT WORKSHOP
R19	B.Tech	24	1	2	R19HS1201	ENGLISH
R19	B.Tech	24	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	24	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	24	2	1	R1921019	CONSTITUTION OF INDIA
R19	B.Tech	24	2	1	R1921032	MECHANICS OF SOLIDS
R19	B.Tech	24	2	1	R1921035	THERMODYNAMICS
R19	B.Tech	24	2	1	R1921241	METALLURGY & MATERIALS SCIENCE
R19	B.Tech	24	2	1	R1921242	FLUID MECHANICS & HYDRAULIC MACHINES
R19	B.Tech	24	2	1	R1921243	BASIC ELEMENTS OF AUTOMOBILE CHASSIS
R19	B.Tech	24	2	1	R1921244	COMPUTER AIDED ENGINEERING PRACTICE
R19	B.Tech	24	2	1	R1921245	AUTOMOTIVE COMPONENTS LAB
R19	B.Tech	24	2	1	R1921246	MECHANICS OF SOLIDS & METALLURGY LAB
R19	B.Tech	24	2	2	R1922032	KINEMATICS OF MACHINERY
R19	B.Tech	24	2	2	R1922037	FLUID MECHANICS & HYDRAULIC MACHINES LAB
R19	B.Tech	24	2	2	R1922039	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	24	2	2	R1922241	APPLIED THERMODYNAMICS
R19	B.Tech	24	2	2	R1922242	AUTOMOTIVE ENGINES
R19	B.Tech	24	2	2	R1922243	PRODUCTION TECHNOLOGY
R19	B.Tech	24	2	2	R1922244	AUTOMOTIVE ELECTRICAL AND ELECTRONICS
R19	B.Tech	24	2	2	R1922245	AUTOMOBILE ASSEMBLY DRAWING
R19	B.Tech	24	2	2	R1922246	THERMAL ENGINEERING LAB
R19	B.Tech	24	3	1	R1931031	DYNAMICS OF MACHINERY
R19	B.Tech	24	3	1	R1931241	FUELS AND COMBUSTION
R19	B.Tech	24	3	1	R1931242	AUTOMOTIVE COMPONENTS DESIGN
R19	B.Tech	24	3	1	R1931243	MICRO PROCESSORS AND MICRO CONTROLLERS
R19	B.Tech	24	3	1	R1931244	MACHINE TOOLS & METROLOGY
R19	B.Tech	24	3	1	R1931245	AUTOMOTIVE ENGINES & FUELS LAB
R19	B.Tech	24	3	1	R1931246	MICRO PROCESSORS AND MICRO CONTROLLERS LAB
R19	B.Tech	24	3	1	R1931247	PRODUCTION TECHNOLOGY LAB
R19	B.Tech	24	3	1	R1931248	IPR & PATENTS
R19	B.Tech	24	3	1	R1931249	SOCIALLY RELEVANT PROJECT
R19	B.Tech	26	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	26	1	1	R19BS1102	MATHEMATICS-II
R19	B.Tech	26	1	1	R19BS1110	ENGINEERING CHEMISTRY
R19	B.Tech	26	1	1	R19BS1111	ENGINEERING CHEMISTRY LAB
R19	B.Tech	26	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	26	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	26	1	1	R19ES1104	ENGINEERING MECHANICS
R19	B.Tech	26	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	26	1	1	R19MC1101	ENVIRONMENTAL SCIENCE
R19	B.Tech	26	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	26	1	2	R19BS1208	ENGINEERING PHYSICS
R19	B.Tech	26	1	2	R19BS1209	ENGINEERING PHYSICS LAB
R19	B.Tech	26	1	2	R19ES1203	ENGINEERING DRAWING
R19	B.Tech	26	1	2	R19ES1206	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R19	B.Tech	26	1	2	R19ES1208	BASIC ELECTRICAL & ELECTRONICS ENGINEERING LAB
R19	B.Tech	26	1	2	R19ES1220	ENGINEERING WORKSHOP & IT WORKSHOP
R19	B.Tech	26	1	2	R19HS1201	ENGLISH
R19	B.Tech	26	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	26	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	26	2	1	R1921026	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
R19	B.Tech	26	2	1	R1921242	FLUID MECHANICS AND HYDRAULIC MACHINES
R19	B.Tech	26	2	1	R1921261	DEVELOPMENT OF MINERAL DEPOSITS

R19	B.Tech	26	2	1	R1921262	MINE SURVEYING-I
R19	B.Tech	26	2	1	R1921263	MINING GEOLOGY -I
R19	B.Tech	26	2	1	R1921264	COMPUTER AIDED ENGINEERING DRAWING PRACTICE
R19	B.Tech	26	2	1	R1921265	MINE SURVEYING-I LAB
R19	B.Tech	26	2	1	R1921266	FLUID MECHANICS AND HYDRAULIC MACHINES LAB
R19	B.Tech	26	2	2	R1922029	PROFESSIONAL ETHICS & HUMAN VALUES
R19	B.Tech	26	2	2	R1922261	DRILLING AND BLASTING
R19	B.Tech	26	2	2	R1922262	MECHANICS OF SOLIDS
R19	B.Tech	26	2	2	R1922263	MINING GEOLOGY-II
R19	B.Tech	26	2	2	R1922264	MINE SURVEYING-II
R19	B.Tech	26	2	2	R1922265	SURFACE MINING
R19	B.Tech	26	2	2	R1922266	MINE ENVIRONMENTAL ENGINEERING-I
R19	B.Tech	26	2	2	R1922267	GEOLOGY LAB
R19	B.Tech	26	2	2	R1922268	MECHANICS OF SOLIDS LAB
R19	B.Tech	26	3	1	R1931261	UNDERGROUND COAL MINING TECHNOLOGY
R19	B.Tech	26	3	1	R1931262	MINE ENVIRONMENT ENGINEERING-II
R19	B.Tech	26	3	1	R1931263	ROCK MECHANICS
R19	B.Tech	26	3	1	R1931264	MINING MACHINERY & MECHANIZATION-I
R19	B.Tech	26	3	1	R1931265	CORPORATE SOCIAL RESPONSIBILITY IN MINING
R19	B.Tech	26	3	1	R1931266	ADVANCED ENGLISH COMMUNICATION SKILLS LAB
R19	B.Tech	26	3	1	R1931267	MINE SURVEYING-II LAB
R19	B.Tech	26	3	1	R1931268	ROCK MECHANICS LAB
R19	B.Tech	26	3	1	R1931269	MINE FIELD VISIT(MANDATORY)(INTERNSHIP)
R19	B.Tech	26	3	1	R193126A	WASTE WATER MANAGEMENT
R19	B.Tech	26	3	1	R193126B	ENVIRONMENTAL IMPACT ANALYSIS
R19	B.Tech	26	3	1	R193126C	DISASTER MANAGEMENT AND MITIGATIONS
R19	B.Tech	27	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	27	1	1	R19BS1102	MATHEMATICS-II
R19	B.Tech	27	1	1	R19BS1110	ENGINEERING CHEMISTRY
R19	B.Tech	27	1	1	R19BS1111	ENGINEERING CHEMISTRY LAB
R19	B.Tech	27	1	1	R19ES1101	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	27	1	1	R19ES1102	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	27	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	27	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	27	1	1	R19MC1104	CONSTITUTION OF INDIA
R19	B.Tech	27	1	2	R19BS1203	MATHEMATICS-III
R19	B.Tech	27	1	2	R19BS1208	ENGINEERING PHYSICS
R19	B.Tech	27	1	2	R19BS1209	ENGINEERING PHYSICS LAB
R19	B.Tech	27	1	2	R19ES1204	ENGINEERING MECHANICS
R19	B.Tech	27	1	2	R19ES1220	ENGINEERING WORKSHOP & IT WORKSHOP
R19	B.Tech	27	1	2	R19HS1201	ENGLISH
R19	B.Tech	27	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	27	1	2	R19MC1201	ENVIRONMENTAL SCIENCE
R19	B.Tech	27	1	2	R19PR1201	ENGINEERING EXPLORATION PROJECT
R19	B.Tech	27	1	2	R19PT1201	INTRODUCTION TO PETROLEUM ENGINEERING
R19	B.Tech	27	2	1	R1921029	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE
R19	B.Tech	27	2	1	R1921271	MATHEMATICS- IV
R19	B.Tech	27	2	1	R1921272	BASIC ELECTRICAL & ELECTRONICS ENGINEERING
R19	B.Tech	27	2	1	R1921273	MATERIALS SCIENCE & ENGINEERING
R19	B.Tech	27	2	1	R1921274	ELEMENTS OF MECHANICAL ENGINEERING
R19	B.Tech	27	2	1	R1921275	PETROLEUM GEOLOGY
R19	B.Tech	27	2	1	R1921276	CHEMICAL PROCESS PRINCIPLES
R19	B.Tech	27	2	1	R1921277	BASIC ENGINEERING (MECH. + ELEC.) LABORATORY
R19	B.Tech	27	2	1	R1921278	PETROLEUM GEOLOGY LABORATORY
R19	B.Tech	27	2	1	R1921279	MANAGERIAL AND ORGANIZATIONAL BEHAVIOR
R19	B.Tech	27	2	2	R1922029	PROFESSIONAL ETHICS & HUMAN VALUES
R19	B.Tech	27	2	2	R1922271	FLUID MECHANICS FOR PETROLEUM ENGINEERS
R19	B.Tech	27	2	2	R1922272	THERMODYNAMICS FOR PETROLEUM ENGINEERS
R19	B.Tech	27	2	2	R1922273	PROCESS INSTRUMENTATION
R19	B.Tech	27	2	2	R1922274	PETROLEUM EXPLORATION
R19	B.Tech	27	2	2	R1922275	PETROLEUM RESERVOIR ENGINEERING-I
R19	B.Tech	27	2	2	R1922276	PROCESS HEAT TRANSFER
R19	B.Tech	27	2	2	R1922277	FLUID MECHANICS LABORATORY
R19	B.Tech	27	2	2	R1922278	PROCESS HEAT TRANSFER LABORATORY
R19	B.Tech	27	2	2	R1922279	PHYSICAL FITNESS ACTIVITIES
R19	B.Tech	27	3	1	R193101F	DISASTER MANAGEMENT
R19	B.Tech	27	3	1	R1931034	MANAGERIAL ECONOMICS & FINANCIAL ACCOUNTING
R19	B.Tech	27	3	1	R1931271	PROCESS DYNAMICS & CONTROL
R19	B.Tech	27	3	1	R1931272	WELL LOGGING & FORMATION EVALUATION
R19	B.Tech	27	3	1	R1931273	DRILLING & WELL COMPLETIONS
R19	B.Tech	27	3	1	R1931274	INSTRUMENTATION PROCESS DYNAMICS & CONTROL LABORATORY
R19	B.Tech	27	3	1	R1931275	DRILLING FLUIDS LABORATORY
R19	B.Tech	27	3	1	R1931276	INDUSTRIAL VISITS (LOCAL & OUTSIDE)
R19	B.Tech	27	3	1	R1931277	MINI PROJECT(PHASE 1)
R19	B.Tech	27	3	1	R1931278	PHYSICAL FITNESSACTIVITIES
R19	B.Tech	27	3	1	R193127A	FUNDAMENTALS OF LIQUEFIED NATURAL GAS
R19	B.Tech	27	3	1	R193127B	CBM RESERVOIR ENGINEERING
R19	B.Tech	27	3	1	R193127C	RENEWABLE ENERGY SOURCES
R19	B.Tech	35	1	1	R19AG1101	SURVEYING AND LEVELING
R19	B.Tech	35	1	1	R19AG1102	SURVEYING AND LEVELING LAB
R19	B.Tech	35	1	1	R19BS1101	MATHEMATICS-I
R19	B.Tech	35	1	1	R19BS1102	MATHEMATICS-II (MM)
R19	B.Tech	35	1	1	R19BS1108	ENGINEERING PHYSICS
R19	B.Tech	35	1	1	R19BS1109	ENGINEERING PHYSICS LAB
R19	B.Tech	35	1	1	R19ES1103	ENGINEERING DRAWING
R19	B.Tech	35	1	1	R19ES1114	ENGINEERING DRAWING LAB
R19	B.Tech	35	1	1	R19HS1102	ENGLISH LAB
R19	B.Tech	35	1	1	R19MC1104	CONSTITUTION OF INDIA
R19	B.Tech	35	1	2	R19BS1210	ENGINEERING CHEMISTRY
R19	B.Tech	35	1	2	R19BS1211	ENGINEERING CHEMISTRY LAB
R19	B.Tech	35	1	2	R19BS1214	PRINCIPLES OF SOIL SCIENCE & AGRONOMY

R19	B.Tech	35	1	2	R19ES1201	PROGRAMMING FOR PROBLEM SOLVING USING C
R19	B.Tech	35	1	2	R19ES1202	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
R19	B.Tech	35	1	2	R19ES1204	ENGINEERING MECHANICS
R19	B.Tech	35	1	2	R19ES1220	ENGINEERING WORKSHOP & IT WORKSHOP
R19	B.Tech	35	1	2	R19HS1201	ENGLISH
R19	B.Tech	35	1	2	R19HS1203	COMMUNICATION SKILLS LAB
R19	B.Tech	35	1	2	R19MC1201	ENVIRONMENTAL SCIENCES
R19	B.Tech	35	2	1	R1921351	MATHEMATICS - III
R19	B.Tech	35	2	1	R1921352	FLUID MECHANICS AND OPEN CHANNEL HYDRAULICS
R19	B.Tech	35	2	1	R1921353	RENEWABLE ENERGY SOURCES
R19	B.Tech	35	2	1	R1921354	GROUND WATER HYDROLOGY, WELL AND PUMPS
R19	B.Tech	35	2	1	R1921355	PROPERTIES AND STRENGTH OF MATERIALS
R19	B.Tech	35	2	1	R1921356	ELECTRICAL SYSTEMS
R19	B.Tech	35	2	1	R1921357	FLUID MECHANICS AND OPEN CHANNEL HYDRAULICS LAB
R19	B.Tech	35	2	1	R1921358	SOIL SCIENCE AND AGRONOMY FIELD LAB
R19	B.Tech	35	2	2	R1922351	THEORY OF STRUCTURES
R19	B.Tech	35	2	2	R1922352	HEAT AND MASS TRANSFER
R19	B.Tech	35	2	2	R1922353	THEORY OF MACHINES
R19	B.Tech	35	2	2	R1922354	SOIL MECHANICS
R19	B.Tech	35	2	2	R1922355	SURFACE WATER HYDROLOGY
R19	B.Tech	35	2	2	R1922356	FARM POWER AND TRACTOR SYSTEMS
R19	B.Tech	35	2	2	R1922357	FIELD OPERATION AND MAINTENANCE OF TRACTORS LAB-I
R19	B.Tech	35	2	2	R1922358	MACHINE DRAWING AND COMPUTER GRAPHICS LAB
R19	B.Tech	35	3	1	R1931034	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS
R19	B.Tech	35	3	1	R1931351	THERMODYNAMICS AND REFRIGERATION SYSTEMS
R19	B.Tech	35	3	1	R1931352	SOIL AND WATER CONSERVATION ENGINEERING
R19	B.Tech	35	3	1	R1931353	AGRICULTURAL PROCESS ENGINEERING
R19	B.Tech	35	3	1	R1931354	FARM MACHINERY AND EQUIPMENT-I
R19	B.Tech	35	3	1	R1931355	AGRICULTURAL PROCESS ENGINEERING LAB
R19	B.Tech	35	3	1	R1931356	SOIL AND WATER ENGINEERING LAB
R19	B.Tech	35	3	1	R1931357	FARM MACHINERY LAB-I