VELS

INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(DEEMED TO BE UNIVERSITY Estd. u/s 3 OF THE UGC ACT, 1956)

NAAC ACCREDITED

PALLAVARAM - CHENNAI - INDIA

School of Engineering

Brochure

(Programme and Courses offered)

2017-2018

PV Vaithiyalingam Road, Velan Nagar, Pallavaram, Chennai - 600117.
Phone: + 91 - 44 - 2266 2500 / 2501 / 2502 / 2503
Website: www.velsuniv.ac.in

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About the School

Engineering is the application of scientific principles for a better living. The engineering education at VISTAS is designed to accommodate current trends and future needs. We have incorporated flexibility in our curricula. As such we have an obligation to address the full range of higher education, namely: teaching and learning, research, and service to the community. The major element in our design of engineering education is teamwork and partnership. In addition to the regular curriculum, we provide additional courses on communication skills and soft skills to make our students prepared to face any interview. We also we arrange several invited talks, conduct seminars/workshops, and National & International conferences on state of the art technology. Students are regularly taken to various industries to provide first hand information about the happenings in the real world.

SCHOOL OF ENGINEERING
Department of Computer Science and Engineering
1. B.E. Computer Science and Engineering … 4 years (8 semesters)
2. B.Tech – IT (Cloud & Mobile based Application Development) in association with IBM … 4 years (8 semesters)
3. M.E. Computer Science and Engineering … 2 years (4 semesters)
4. Ph.D. Computer Science and Engineering … 4 years

Department of Electronics and Communication Engineering
1. B.E.Electronics and Communication Engineering … 4 years (8 semesters)
2. Ph.D. Electronics and Communication Engineering … 4 years

Department of Electrical and Electronics Engineering
1. B.E.Electrical and Electronics Engineering … 4 years (8 semesters)
2. M.E. Power Electronic and Drives … 2 years (4 semesters)
3. Ph.D. Electrical and Electronics Engineering … 4 years

Department of Mechanical Engineering
1. B.E. Mechanical Engineering … 4 years (8 semesters)
2. M.E. Computer Integrated Manufacturing … 2 years (4 semesters)
3. Ph.D. Mechanical Engineering … 4 years

Department of Automobile Engineering
1. B.E. Automobile Engineering … 4 years (8 semesters)
2. M.E. Automobile Engineering … 2 years (4 semesters)

Department of Civil Engineering
1. B.E. Civil Engineering … 4 years (8 semesters)
2. M.E. Construction Engineering and Management … 2 years (4 semesters)
3. M.E. Environmental Engineering … 2 years (4 semesters)
4. Ph.D. Civil Engineering … 4 years

Department of Bio-Engineering

1.	B.Tech. Biotechnology	…	4 years (8 semesters)
2.	B.E. Biomedical Engineering	…	4 years (8 semesters)
3.	Ph.D. Bio Engineering	…	4 years

Department of Navel Architecure and Offshore Engineering

| 1. | B.Tech Navel Architecture and Offshore Engineering | … | 4 years (8 semesters) |
| 2. | M.Tech Navel Architecture and Offshore Engineering | … | 2 years (4 semesters)B.Tech |

Department of Petroleum Engineering

| 1. | B.Tech. Petroleum Engineering | … | 4 years (8 semesters) |
| 2. | Ph.D Petroleum Engineering | … | 4 years |

PROGRAM AND COURSE DETAILS 2017-2018

Program Name	Course Code	Subject Name
B.E. - Computer Science and Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15ECS021	ELECTRIC CIRCUITS AND ELECTRONIC DEVICES
	15ECS022	OBJECT ORIENTED PROGRAMMING
	15ECS023	PRACTICAL - OBJECT ORIENTED PROGRAMMING
	15GBE008	MATHEMATICS - II
B.E. - Computer Science and Engineering	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY
	15CBCE31	MATHEMATICS - III
	15CBCE32	ENVIRONMENTAL SCIENCE AND ENGINEERING

	15CBCE33	ANALOG AND DIGITAL COMMUNICATION
	15CBCE34	MICROPROCESSORS AND MICROCONTROLLERS
	15CBCE35	DATA STRUCTURES
	15CBCE36	DESIGN AND ANALYSIS OF ALGORITHMS
	15GBCE31	DIGITAL PRINCIPLES AND SYSTEM DESIGN
	15PBCE31	PRACTICAL - DATA STRUCTURES
	15PBCE32	PRACTICAL - MICROPROCESSOR AND MICROCONTROLLERS
	15SUPD31	PERSONALITY DEVELOPMENT - I
	15BESY41	BASIC LIFE SKILLS
	15CBCE41	PROBABILITY AND QUEUING THEORY
	15CBCE42	DATABASE MANAGEMENT SYSTEMS
	15CBCE43	OPERATING SYSTEMS
	15DBCE41	COMPUTER ORGANIZATION AND ARCHITECTURE
	15DBCE42	THEORY OF COMPUTATION
B.E. - Computer Science and Engineering	15GBCE41	INTELLECTUAL PROPERTY RIGHTS
	15PBCE41	PRACTICAL - DATABASE MANAGEMENT
	15PBCE42	PRACTICAL - OPERATING SYSTEMS
	15SUPD41	PERSONALITY DEVELOPMENT - II
	15CBCE51	DISCRETE MATHEMATICS
	15CBCE52	COMPUTER NETWORKS

	15CBCE53	SOFTWARE ENGINEERING
	15DBCE51	PROGRAMMING PARADIGMS
	15DBCE52	ARTIFICIAL INTELLIGENCE
	15DBCE53	SOFTWARE DEFINED NETWORKS
	15GBCE51	TOTAL QUALITY MANAGEMENT
	15PBCE51	PRACTICAL - COMPUTER NETWORKS
	15PBCE52	PRACTICAL - JAVA PROGRAMMING
	15PBCE53	PRACTICAL - INTRODUCTION TO INTERNET OF THINGS
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBCE61	INTERNET PROGRAMMING
	15CBCE62	OBJECT ORIENTED ANALYSIS AND DESIGN
	15CBCE63	PRINCIPLES OF COMPILER DESIGN
	15DBCE61	MOBILE AND PERVASIVE COMPUTING
	15DBCE62	SOFT COMPUTING
	15DBCE63	USER INTERFACE DESIGN
B.E. - Computer Science and Engineering	15GBCE61	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15PBCE61	PRACTICAL - OBJECT ORIENTED ANALYSIS AND DESIGN
	15PBCE62	PRACTICAL - INTERNET PROGRAMMING
	15PBCE63	INPLANT TRAINING
	15SUPD61	PERSONALITY DEVELOPMENT - IV

	15CBCE71	COMPUTER GRAPHICS
	15CBCE72	SOFTWARE TESTING
	15CBCE73	.NET ENVIRONMENT
	15DBCE71	GENETIC ALGORITHMS AND MACHINE LEARNING
	15DBCE72	CRYPTOGRAPHY AND NETWORK SECURITY
	15DBCE73	BIG DATA PROGRAMMING
	15GBCE71	E - LEARNING
	15NSS255	NSS - I
	15PBCE71	PRACTICAL - COMPUTER GRAPHICS
	15PBCE72	PRACTICAL - OPEN SOURCE AND .NET
	15PBCE73	MINI PROJECT AND SEMINAR
B.E. - Electronics & Communication Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
B.E. - Electronics & Communication Engineering	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15ECN021	ELECTRON DEVICES
	15ECN022	CIRCUIT THEORY

	15ECN023	PRACTICAL - ELECTRON DEVICES
	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY
	15CBEC31	MATHEMATICS - III
	15CBEC32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBEC33	ELECTRICAL ENGINEERING
	15CBEC34	ELECTROMAGNETIC FIELDS AND WAVES
	15CBEC35	DATA STRUCTURES USING C++
	15CBEC36	ANALOG ELECTRONICS
	15GBEC31	MEASUREMENTS AND INSTRUMENTATION
	15PBEC31	PRACTICAL - ANALOG ELECTRONICS
	15PBEC32	PRACTICAL - DATA STRUCTURES USING C++
B.E. - Electronics & Communication Engineering	15SUPD31	PERSONALITY DEVELOPMENT - I
	15BESY41	BASIC LIFE SKILLS
	15CBEC41	PROBABILITY AND RANDOM PROCESS
	15CBEC42	SIGNALS AND SYSTEMS
	15CBEC43	DIGITAL ELECTRONICS

	15DBEC41	LINEAR AND SWITCHING CIRCUITS
	15DBEC42	PARALLEL AND DISTRIBUTED PROCESSING
	15DBEC43	TRANSMISSION LINES AND WAVEGUIDES
	15GBEC41	MEASUREMENTS AND INSTRUMENTATION
	15GBEC42	CONTROL SYSTEMS
	15PBEC41	PRACTICAL - DIGITAL ELECTRONICS
	15PBEC42	PRACTICAL - LINEAR AND SWITCHING CIRCUITS
	15SUPD41	PERSONALITY DEVELOPMENT - II
	15CBEC51	ANALOG COMMUNICATION
	15CBEC52	DIGITAL SIGNAL PROCESSING
	15CBEC53	MICROPROCESSORS AND MICROCONTROLLERS
	15DBEC51	COMPUTER ARCHITECTURE AND ORGANIZATION
	15DBEC52	TRANSMISSION LINES AND WAVEGUIDES
	15DBEC53	INFORMATION THEORY AND CODING
	15DBEC54	MULTIMEDIA COMPRESSION AND COMMUNICATION
	15GBEC51	CONTROL SYSTEMS
B.E. - Electronics & Communication Engineering	15GBEC52	REMOTE SENSING
	15PBEC51	PRACTICAL - MICROPROCESSORS AND MICROCONTROLLERS
	15PBEC52	PRACTICAL - DIGITAL SIGNAL PROCESSING
	15PBEC53	PRACTICAL - ADVANCED SYSTEMS DESIGN

	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBEC61	DIGITAL COMMUNICATION
	15CBEC62	VLSI DESIGN
	15CBEC63	MICROWAVE ENGINEERING
	15DBEC61	DIGITAL IMAGE PROCESSING
	15DBEC62	ADVANCED MICROPROCESSORS
	15DBEC63	ANTENNA AND WAVE PROPAGATION
	15GBEC61	PRINCIPLES OF MANAGEMENT
	15GBEC62	REMOTE SENSING
	15PBEC61	PRACTICAL - COMMUNICATION SYSTEM
	15PBEC62	PRACTICAL - VLSI DESIGN
	15PBEC63	INPLANT TRAINING
	15SUPD61	PERSONALITY DEVELOPMENT - IV
	15CBEC71	EMBEDDED SYSTEMS
	15CBEC72	OPTICAL COMMUNICATION
	15CBEC73	WIRELESS COMMUNICATION
	15DBEC71	WIRELESS NETWORKS
B.E. - Electronics & Communication Engineering	15DBEC72	WIRELESS SENSOR NETWORKS
	15DBEC73	CRYPTOGRAPHY AND NETWORK SECURITY
	15DBEC74	SOFT COMPUTING
	15GBEC71	COMPUTER NETWORKS

	15NSS255	NSS - I
	15PBEC71	PRACTICAL - COMPUTER NETWORKS
	15PBEC72	PRACTICAL - OPTICAL AND MICROWAVE
	15PBEC73	MINI PROJECT CUM SEMINAR
B.E. - Mechanical Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15EME021	ENGINEERING MECHANICS
	15EME022	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
	15EME023	PRACTICAL - COMPUTER AIDED DRAFTING
	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
B.E. - Mechanical Engineering	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY

	15CBME31	MATHEMATICS - III
	15CBME32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBME33	ELECTRICAL DRIVES AND CONTROL
	15CBME34	ENGINEERING THERMODYNAMICS
	15CBME35	KINEMATICS OF MACHINERY
	15CBME36	PRODUCTION TECHNOLOGY
	15PBME31	PRACTICAL - ELECTRICAL ENGINEERING
	15PBME32	PRACTICAL - COMPUTER AIDED MACHINE DESIGN
	15SUPD31	PERSONALITY DEVELOPMENT - I
	15BESY41	BASIC LIFE SKILLS
	15CBME41	STATISTICS AND NUMERICAL METHODS
	15CBME42	FLUID MECHANICS AND MACHINERY
	15CBME43	STRENGTH OF MATERIALS
	15DBME41	MANUFACTURING TECHNOLOGY
	15DBME42	ENGINEERING MATERIALS AND METALLURGY
	15GBME41	ENTREPRENEURSHIP DEVELOPMENT
	15PBME41	PRACTICAL - FLUID MECHANICS AND STRENGTH OF MATERIALS
B.E. - Mechanical Engineering	15PBME42	PRACTICAL - MANUFACTURING TECHNOLOGY
	15SUPD41	PERSONALITY DEVELOPMENT - II
	15CBME51	ENGINEERING METROLOGY AND MEASUREMENTS

	15CBME52	DESIGN OF MACHINE ELEMENTS
	15CBME53	DYNAMICS OF MACHINERY
	15DBME51	AUTOMOBILE ENGINEERING
	15DBME52	APPLIED HYDRAULICS AND PNEUMATICS
	15GBME51	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15PBME51	PRACTICAL - METROLOGY AND MEASUREMENTS
	15PBME52	PRACTICAL - DYNAMICS
	15PBME53	INDUSTRIAL SAFETY
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBME61	FINITE ELEMENT ANALYSIS
	15CBME62	THERMAL ENGINEERING
	15CBME63	DESIGN OF TRANSMISSION SYSTEMS
	15DBME61	UNCONVENTIONAL MACHINING PROCESSES
	15DBME62	INDUSTRIAL AUTOMATION, CNC AND ROBOTICS
	15GBME61	TOTAL QUALITY MANAGEMENT
	15PBME61	PRACTICAL - THERMAL ENGINEERING
	15PBME62	PRACTICAL - CAM
	15PBME63	INPLANT TRAINING
B.E. - Mechanical Engineering	15SUPD61	PERSONALITY DEVELOPMENT - IV
	15CBME71	MECHATRONICS
	15CBME72	COMPUTER INTEGRATED MANUFACTURING

	15CBME73	POWER PLANT ENGINEERING
	15DBME71	NON DESTRUCTIVE TESTING AND MATERIALS
	15DBME72	PROCESS PLANNING AND COST ESTIMATION
	15GBME71	INDUSTRIAL MARKETING AND MARKET RESEARCH
	15NSS255	NSS - I
	15PBME71	PRACTICAL - COMPUTER AIDED SIMULATION AND ANALYSIS
	15PBME72	PRACTICAL - MECHATRONICS
	15PBME73	MINI PROJECT AND SEMINAR
B.E. - Civil Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15ECI021	ENGINEERING MECHANICS
	15ECI022	CONSTRUCTION MATERIALS
B.E. - Civil Engineering	15ECI023	PRACTICAL - BUILDING DRAWING
	15EME022	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING

	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY
	15CBCI31	MATHEMATICS - III
	15CBCI32	MECHANICS OF FLUIDS
	15CBCI33	MECHANICS OF SOLIDS
	15CBCI34	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBCI35	PRINCIPLES OF ARCHITECTURE
	15CBCI36	SURVEYING AND LEVELING
	15PBCI31	PRACTICAL - STRENGTH OF MATERIALS
	15PBCI32	PRACTICAL - SURVEYING AND LEVELING
	15SUPD31	PERSONALITY DEVELOPMENT - I
	15BESY41	BASIC LIFE SKILLS
	15CBCI41	NUMERICAL METHODS
	15CBCI42	APPLIED HYDRAULIC ENGINEERING
	15CBCI43	ADVANCED MECHANICS OF SOLIDS
B.E. - Civil Engineering	15DBCI41	MODERN SURVEYING TECHNIQUES
	15DBCI42	CONSTRUCTION TECHNIQUES AND EQUIPMENT

	15DBCI43	HIGHWAY ENGINEERING
	15GBCI41	QUALITY AND SAFETY MANAGEMENT
	15GBCI42	AIR POLLUTION MANAGEMENT
	15PBCI41	PRACTICAL - HYDRAULICS
	15PBCI42	PRACTICAL - MODERN SURVEYING
	15SUPD41	PERSONALITY DEVELOPMENT - II
	15CBCI51	STRUCTURAL ANALYSIS - I
	15CBCI52	SOIL MECHANICS
	15CBCI53	DESIGN OF RCC STRUCTURAL ELEMENTS
	15DBCI51	CONCRETE TECHNOLOGY
	15DBCI52	WATER SUPPLY ENGINEERING
	15GBCI51	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15PBCI51	PRACTICAL - GEOTECHNICAL
	15PBCI52	PRACTICAL - CONCRETE TECHNOLOGY
	15PBCI53	PRACTICAL - SURVEY CAMP
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBCI61	STRUCTURAL ANALYSIS - II
	15CBCI62	FOUNDATION ENGINEERING
	15CBCI63	DESIGN OF STEEL STRUCTURES
B.E. - Civil Engineering	15DBCI61	PUBLIC HEALTH ENGINEERING
	15DBCI62	CONSTRUCTION PLANNING AND MANAGEMENT

	15DBCI63	HYDROLOGY
	15GBCI61	TOTAL QUALITY MANAGEMENT
	15PBCI61	PRACTICAL - COMPUTER AIDED DESIGN AND DRAFTING
	15PBCI62	PRACTICAL - ENVIRONMENTAL ENGINEERING
	15PBCI63	INPLANT TRAINING
	15SUPD61	PERSONALITY DEVELOPMENT - IV
	15CBCI71	EARTHQUAKE RESISTANT DESIGN OF STRUCTURES
	15CBCI72	PRE-STRESSED CONCRETE STRUCTURES
	15CBCI73	ESTIMATING AND COSTING
	15DBCI71	HIGHWAY ENGINEERING
	15DBCI72	REMOTE SENSING TECHNIQUES AND GIS
	15GBCI71	DISASTER MANAGEMENT
	15NSS255	NSS - I
	15PBCI71	PRACTICAL - COMPUTER AIDED DESIGN AND DRAFTING
	15PBCI72	PRACTICAL - HIGHWAY ENGINEERING
	15PBCI73	MINI PROJECT CUM SEMINAR
B.E. - Electrical & Electronics Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
B.E. - Electrical & Electronics Engineering	15GBE004	ENGINEERING GRAPHICS

	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15EEE021	CIRCUIT THEORY
	15EEE022	BASIC CIVIL AND MECHANICAL ENGINEERING
	15EEE023	PRACTICAL - ELECTRIC CIRCUITS
	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY
	15CBEE31	MATHEMATICS - III
	15CBEE32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBEE33	ELECTRICAL MACHINES - I
	15CBEE34	ELECTRONIC DEVICES AND CIRCUITS
	15CBEE35	DIGITAL LOGIC CIRCUITS
	15CBEE36	ELECTROMAGNETIC THEORY
	15CBEE37	POWER PLANT ENGINEERING
B.E. - Electrical & Electronics Engineering	15PBEE31	PRACTICAL - ELECTRONIC CIRCUITS AND DIGITAL

	15PBEE32	PRACTICAL - ELECTRICAL MACHINES - I
	15SUPD31	PERSONALITY DEVELOPMENT - I
	15BESY41	BASIC LIFE SKILLS
	15CBEE41	NUMERICAL METHODS
	15CBEE42	ELECTRICAL MACHINES - II
	15CBEE43	CONTROL SYSTEMS
	15DBEE41	MEASUREMENT AND INSTRUMENTATION
	15DBEE42	POWER PLANT ENGINEERING
	15DBEE43	ELECTROMAGNETIC THEORY
	15GBEE41	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15PBEE41	PRACTICAL - ELECTRICAL MACHINES - II
	15PBEE42	PRACTICAL - MEASUREMENTS AND CONTROL SYSTEMS
	15SUPD41	PERSONALITY DEVELOPMENT - II
	15CBEE51	POWER ELECTRONICS
	15CBEE52	TRANSMISSION AND DISTRIBUTION
	15CBEE53	ELECTRICAL MACHINE DESIGN
	15DBEE51	FLEXIBLE AC TRANSMISSION SYSTEMS
	15DBEE52	LINEAR INTEGRATED CIRCUITS
	15DBEE53	FIBRE OPTICS AND LASER INSTRUMENTS
	15GBEE51	COMMUNICATION ENGINEERING
B.E. - Electrical & Electronics Engineering	15GBEE52	MICROCONTROLLER BASED SYSTEM DESIGN

	15PBEE51	PRACTICAL - POWER ELECTRONICS
	15PBEE52	PRACTICAL - MICROPROCESSORS AND MICROCONTROLLERS
	15PBEE53	PRACTICAL - ELECTRIC CIRCUITS AND POWER ELECTRONICS SIMULATION
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBEE61	ELECTRIC DRIVES AND CONTROL
	15CBEE62	POWER SYSTEM ANALYSIS
	15CBEE63	SPECIAL ELECTRICAL MACHINES
	15DBEE61	DIGITAL SIGNAL PROCESSING
	15DBEE62	FIBRE OPTICS AND LASER INSTRUMENTS
	15GBEE61	MICROCONTROLLER BASED SYSTEM DESIGN
	15PBEE61	PRACTICAL - DRIVES AND CONTROL
	15PBEE62	PRACTICAL - DIGITAL SIGNAL PROCESSING
	15PBEE63	INPLANT TRAINING
	15SUPD61	PERSONALITY DEVELOPMENT - IV
	15CBEE71	POWER SYSTEM OPERATION AND CONTROL
	15CBEE72	HIGH VOLTAGE ENGINEERING
	15CBEE73	POWER SYSTEMS PROTECTION AND SWITCH GEARS
	15DBEE71	ELECTRIC ENERGY UTILIZATION AND CONSERVATION
	15DBEE72	HVDC TRANSMISSION
B.E. - Electrical & Electronics Engineering	15GBEE71	TOTAL QUALITY MANAGEMENT

	15NSS255	NSS - I
	15PBEE71	PRACTICAL - POWER SYSTEMS
	15PBEE72	PRACTICAL - DESIGN AND SIMULATION
	15PBEE73	MINI PROJECT
B.E. - Automobile Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15EAU021	ENGINEERING MECHANICS
	15EAU022	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
	15EAU023	PRACTICAL - COMPUTER AIDED DRAFTING
	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
B.E. - Automobile Engineering	15GBE203	PRACTICAL - LANGUAGE LABORATORY

	15CBAE31	MATHEMATICS - III
	15CBAE32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBAE33	AUTOMOTIVE ENGINES
	15CBAE34	ENGINEERING THERMODYNAMICS
	15CBAE35	ELECTRICAL DRIVES AND CONTROL
	15CBAE36	AUTOMOTIVE CHASSIS
	15PBAE31	PRACTICAL - AUTOMOTIVE CHASSIS COMPONENTS
	15PBAE32	PRACTICAL - AUTOMOTIVE ENGINE COMPONENTS
	15SUPD31	PERSONALITY DEVELOPMENT - I
	15BESY41	BASIC LIFE SKILLS
	15CBAE41	STATISTICS AND NUMERICAL METHODS
	15CBAE42	MANUFACTURING TECHNOLOGY
	15CBAE43	FLUID MECHANICS AND MACHINERY
	15DBAE41	HEAT TRANSFER AND MASS TRANSFER
	15DBAE42	ENGINEERING MATERIALS AND METALLURGY
	15DBAE43	NEW GENERATION AND HYBRID VEHICLES
	15GBAE41	ENTREPRENEURSHIP DEVELOPMENT
	15PBAE41	PRACTICAL - ELECTRONICS AND MICROPROCESSORS
	15PBAE42	PRACTICAL - FLUID MECHANICS AND MACHINERY
	15SUPD41	PERSONALITY DEVELOPMENT - II
B.E. - Automobile Engineering	15CBAE51	AUTOMOTIVE POLLUTION AND CONTROL

	15CBAE52	AUTOMOTIVE TRANSMISSION
	15CBAE53	VEHICLE DESIGN DATA CHARACTERISTICS
	15DBAE51	AUTOMOTIVE SAFETY
	15DBAE52	ADVANCED THEORY OF I.C. ENGINES
	15GBAE51	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15PBAE51	PRACTICAL - PERFORMANCE AND EMISSION TESTING
	15PBAE52	PRACTICAL - COMPUTER AIDED ENGINE DESIGN
	15PBAE53	INDUSTRIAL SAFETY
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBAE61	VEHICLE DYNAMICS
	15CBAE62	TWO AND THREE WHEELER TECHNOLOGY
	15CBAE63	AUTOMOTIVE CHASSIS COMPONENTS DESIGN
	15DBAE61	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEM
	15DBAE62	ALTERNATE FUELS AND ENERGY SYSTEMS
	15GBAE61	ENERGY AUDIT AND ENERGY CONSERVATION METHODS
	15PBAE61	PRACTICAL - AUTOMOTIVE ELECTRICAL AND ELECTRONICS
	15PBAE62	PRACTICAL - COMPUTER AIDED CHASSIS DESIGN
	15PBAE63	INPLANT TRAINING
	15SUPD61	PERSONALITY DEVELOPMENT - IV
	15CBAE71	VEHICLE MAINTENANCE

B.E. - Automobile Engineering	15CBAE72	SIMULATION OF IC ENGINE PROCESSES
	15CBAE73	VEHICLE BODY ENGINEERING
	15DBAE71	HYDRAULIC AND PNEUMATIC SYSTEMS
	15DBAE72	SPECIAL TYPES OF VEHICLES
	15GBAE71	TOTAL QUALITY MANAGEMENT
	15NSS255	NSS - I
	15PBAE71	PRACTICAL - VEHICLE MAINTENANCE
	15PBAE72	PRACTICAL - VEHICLE RECONDITIONING
	15PBAE73	MINI PROJECT AND SEMINAR
B.Tech - Petroleum Engineering	15EPE001	ENGINEERING MATHEMATICS - I
	15EPE002	ENGINEERING PHYSICS - I
	15EPE003	ENGINEERING CHEMISTRY
	15EPE004	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
	15EPE005	BASICS OF COMPUTERS AND UTILITIES
	15EPE006	PRACTICAL - COMPUTER LAB
	15EPE007	PRACTICAL - ENGINEERING GRAPHICS
	15EPE008	PRACTICAL - WORKSHOP PRACTICE - I
	15EPE201	ENGLISH FOR ENGINEERS - I
	15EPE202	ENVIRONMENTAL SCIENCE
	15EPE009	ENGINEERING MATHEMATICS - II
	15EPE010	ENGINEERING PHYSICS - II

	15EPE011	ENGINEERING MECHANICS
	15EPE012	MATERIAL SCIENCE
	15EPE013	C PROGRAMMING AND LANGUAGE
	15EPE014	PRACTICAL - C PROGRAMMING
	15EPE015	PRACTICAL - PHYSICS
	15EPE016	PRACTICAL - CHEMISTRY
	15EPE017	PRACTICAL - ELECTRICAL AND ELECTRONICS ENGINEERING
	15EPE018	PRACTICAL - WORKSHOP PRACTICE - II
	15EPE203	ENGLISH FOR ENGINEERS - II
B.Tech - Petroleum Engineering	15EPE251	PERSONALITY DEVELOPMENT
	15CBPE31	ENGINEERING MATHEMATICS - III
	15CBPE32	PRINCIPLES OF PETROLEUM ENGINEERING
	15CBPE33	PETROLEUM GEOLOGY
	15CBPE34	PETROLEUM GEOPHYSICS AND GEOCHEMISTRY
	15CBPE35	FLUID MECHANICS
	15CBPE36	ELECTRONICS AND INSTRUMENTATION
	15NSS255	NSS - I
	15PBPE31	PRACTICAL - GEOLOGY
	15PBPE32	PRACTICAL - FLUID MECHANICS
	15PBPE33	PRACTICAL - ELECTRONICS AND INSTRUMENTATION

	15PBPE34	PRACTICAL - ENGINEERING MECHANICS
B.Tech - Petroleum Engineering	15CBPE41	ENGINEERING MATHEMATICS - IV
	15CBPE42	RESERVOIR ENGINEERING - I
	15CBPE43	PETROLEUM THERMODYNAMICS
	15CBPE44	DRILLING OPERATIONS AND EQUIPMENTS
	15CBPE45	DRILLING FLUIDS AND CEMENT
	15CBPE46	FORMATION EVALUATION AND WELL LOGGING
	15CBPE47	NATURAL GAS ENGINEERING
	15EPE253	SOFT SKILL
	15PBPE41	PRACTICAL - DRILLING FLUIDS AND CEMENTING
	15PBPE42	PRACTICAL - THERMAL ENGINEERING
	15PBPE43	PRACTICAL - CORE ANALYSIS
	15CBPE51	RESERVOIR ENGINEERING - II
	15CBPE52	PRODUCTION EQUIPMENTS AND OPERATION
	15CBPE53	WELL TESTING
	15CBPE54	HYDROCARBON PROCESSING AND PLANT ENGINEERING
	15CBPE55	HEAT AND MASS TRANSFER
	15CBPE56	LINEAR AND NUMERICAL PROGRAMME
	15DBPE51	PETROLEUM CHEMISTRY
	15PBPE51	PRACTICAL - RESERVOIR ENGINEERING
	15PBPE52	PRACTICAL - PETROLEUM TESTING

	15PBPE53	PRACTICAL - HEAT AND MASS TRANSFER
B.Tech - Petroleum Engineering	15CBPE61	RESERVOIR MODELING, SIMULATION AND MANAGEMENT
	15CBPE62	ENHANCED OIL RECOVERY AND WATER FLOODING
	15CBPE63	PIPELINE ENGINEERING
	15CBPE64	PETROCHEMICALS AND PETROLEUM REFINING
	15CBPE65	HSE AND HAZARDS MANAGEMENT
	15CBPE66	WELL DESIGN AND COMPLETIONS
	15DBPE61	RESERVOIR ROCKS AND FLUIDS
	15GBPE61	ENERGY TECHNOLOGY
	15PBPE61	PRACTICAL - RESERVOIR MODELING
	15PBPE62	MINOR PROJECT (CASING AND WELL DESIGN)
	15PBPE63	PRACTICAL - STANDARDS OF TRAINING, CERTIFICATION AND WATCH - KEEPING (STCW)
	15CBPE71	PETROLEUM ECONOMICS
	15CBPE72	OFFSHORE DRILLING AND PRODUCTION
	15CBPE73	UNCONVENTIONAL HYDROCARBON RESOURCES
	15CBPE74	PRODUCTION CHEMICALS AND OIL FIELD CHEMISTRY
	15CBPE75	WELL SERVICES AND STIMULATION TECHNIQUES
	15CBPE76	FIELD DEVELOPMENT PLAN
	15DBPE71	ELEMENTS OF RESERVOIR ENGINEERING
	15PBPE71	PRACTICAL - AUTOCAD

	15PBPE72	MAJOR PROJECT - PHASE - I
B.Tech - Petroleum Engineering	15UGE545	SUPPLY CHAIN MANAGEMENT
B.Tech - Naval Architecture and Offshore Engineering	15ETN001	ENGINEERING MATHEMATICS - I
	15ETN002	ENGINEERING PHYSICS - I
	15ETN003	ENGINEERING CHEMISTRY
	15ETN004	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
	15ETN005	BASICS OF COMPUTERS AND UTILITIES
	15ETN006	PRACTICAL - COMPUTER LAB
	15ETN007	PRACTICAL - ENGINEERING GRAPHICS
	15ETN008	PRACTICAL - WORKSHOP PRACTICE - I
	15ETN201	ENGLISH FOR ENGINEERS - I
	15ETN202	ENVIRONMENTAL SCIENCE
	15ETN009	ENGINEERING MATHEMATICS - II
	15ETN010	ENGINEERING PHYSICS - II
	15ETN011	ENGINEERING MECHANICS
	15ETN012	MATERIAL SCIENCE
	15ETN013	C PROGRAMMING AND LANGUAGE
	15ETN014	PRACTICAL - C PROGRAMMING
	15ETN015	PRACTICAL - PHYSICS
	15ETN016	PRACTICAL - CHEMISTRY
	15ETN017	PRACTICAL - ELECTRICAL AND ELECTRONICS

		ENGINEERING
	15ETN018	PRACTICAL - WORKSHOP PRACTICE - II
B.Tech - Naval Architecture and Offshore Engineering	15ETN203	ENGLISH FOR ENGINEERS - II
	15ETN251	PERSONALITY DEVELOPMENT
	15CBNA31	ENGINEERING MATHEMATICS - III
	15CBNA32	FUNDAMENTALS OF NAVAL ARCHITECTURE
	15CBNA33	THEORY OF SHIPS
	15CBNA34	FLUID MECHANICS
	15CBNA35	APPLIED THERMODYNAMICS
	15CBNA36	STRENGTH OF MATERIALS
	15CBNA37	DESIGN OF MACHINE ELEMENTS
	15NSS255	NSS - I
	15PBNA31	PRACTICAL - SHIP DESIGN CALCULATION DRAWING AND DRAFTING - I (SDCADD - I)
	15PBNA32	PRACTICAL - ENGINEERING MECHANICS
	15PBNA33	PRACTICAL - STRENGTH OF MATERIALS
	15PBNA34	PRACTICAL - FLUID MECHANICS
	15CBNA41	ENGINEERING MATHEMATICS - IV
	15CBNA42	RESISTANCE OF SHIPS
	15CBNA43	FUNDAMENTALS OF OFFSHORE STRUCTURES
	15CBNA44	THEORY OF STRUCTURES

	15CBNA45	STRENGTH OF SHIPS
	15CBNA46	MARINE ELECTRICAL TECHNOLOGY
B.Tech - Naval Architecture and Offshore Engineering	15CBNA47	MARINE ENGINEERING - I
	15DBNA41	MARINE CORROSION AND COATING ENGINEERING
	15ETN253	SOFT SKILL
	15PBNA41	PRACTICAL - SHIP DESIGN CALCULATION DRAWING AND DRAFTING - II (SDCADD - II)
	15PBNA42	PRACTICAL - SHIP DESIGN SOFTWARE
	15PBNA43	PRACTICAL - MARINE ENGINEERING
	15CBNA51	WAVE HYDRODYNAMICS
	15CBNA52	PROPULSION OF SHIPS
	15CBNA53	MARINE DESIGN
	15CBNA54	SHIP PRODUCTION - I
	15CBNA55	ADVANCED OFFSHORE ENGINEERING
	15CBNA56	MARINE ENGINEERING - II
	15DBNA51	SUBSEA ENGINEERING
	15DBNA52	MARINE REFRIGERATION AND AIR-CONDITIONING
	15PBNA51	PRACTICAL - SHIP DESIGN CALCULATION DRAWING AND DRAFTING - III (SDCADD - III)
	15PBNA52	PRACTICAL - OFFSHORE DESIGN SOFTWARE (SACS)
	15PBNA53	SHIP VISIT AND REPORT
	15CBNA61	SEA KEEPING OF SHIPS AND OFFSHORE STRUCTURES

	15CBNA62	STRUCTURAL DESIGN OF SHIPS
	15CBNA63	STRUCTURAL DESIGN OF OFFSHORE STRUCTURES
B.Tech - Naval Architecture and Offshore Engineering	15CBNA64	FINITE ELEMENT METHODS
	15CBNA65	SHIP PRODUCTION - II
	15DBNA61	HIGH PERFORMANCE MARINE VEHICLES
	15GBNA61	PRODUCTION AND PROJECT MANAGEMENT
	15PBNA61	PRACTICAL - SHIP DESIGN CALCULATION DRAWING AND DRAFTING - IV (SDCADD - IV)
	15PBNA62	PRACTICAL - SEAMANSHIP
	15PBNA63	MINOR PROJECT
	15CBNA71	DYNAMICS OF OFFSHORE STRUCTURES
	15CBNA72	CONSTRUCTABILITY OF OFFSHORE STRUCTURES
	15CBNA73	MARINE MATERIALS AND METAL JOINING TECHNIQUES
	15CBNA74	CONTROLLABILITY OF SHIPS AND OFFSHORE STRUCTURES
	15CBNA75	STANDARDS AND RECOMMENDED PRACTICES
	15DBNA71	WARSHIP DESIGN AND CONSTRUCTION
	15GBNA71	QUALITY CONTROL AND QUALITY ASSURANCE
	15PBNA71	PRACTICAL - SHIP DESIGN CALCULATION DRAWING AND DRAFTING - V (SDCADD-V)
	15PBNA72	PRACTICAL - OFFSHORE DESIGN SOFTWARE
	15PBNA73	PRACTICAL - SHIPYARD TRAINING
	15PBNA74	MAJOR DESIGN PROJECT - PHASE - I

B.Tech - Biotechnology	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
B.Tech - Biotechnology	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15EBT001	INTRODUCTION TO BIOTECHNOLOGY
	15EBT002	MICROBIOLOGY
	15EBT003	PRACTICAL - MICROBIOLOGY
	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY
	15CBTB31	MATHEMATICS - III
	15CBTB32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBTB33	BIOCHEMISTRY
	15CBTB34	CELL BIOLOGY

	15CBTB35	BASIC INDUSTRIAL BIOTECHNOLOGY
	15CBTB36	DOWNSTREAM PROCESSING
B.Tech - Biotechnology	15PBTB31	PRACTICAL - BIOCHEMISTRY
	15PBTB32	PRACTICAL - CELL BIOLOGY
	15PBTB33	PRACTICAL - DOWNSTREAM PROCESSING
	15BESY41	BASIC LIFE SKILLS
	15CBTB41	STATISTICS AND NUMERICAL METHODS
	15CBTB42	BIOPROCESS PRINCIPLES
	15CBTB43	ENZYME TECHNOLOGY AND BIOTRANSFORMATION
	15CBTB44	INSTRUMENTAL METHOD OF ANALYSIS
	15DBTB41	UNIT OPERATIONS
	15DBTB42	FERMENTATION TECHNOLOGY
	15PBTB41	PRACTICAL - BIOPROCESS
	15PBTB42	PRACTICAL - INSTRUMENTAL METHOD OF ANALYSIS
	15CBTB51	PROTEIN STRUCTURE AND FUNCTION AND PROTEOMICS
	15CBTB52	MOLECULAR BIOLOGY
	15CBTB53	BIOINFORMATICS AND COMPUTATIONAL BIOLOGY
	15CBTB54	BIOTECHNIQUES AND BIOINSTRUMENTATION
	15DBTB51	HEAT TRANSFER OPERATIONS
	15DBTB52	MARINE BIOTECHNOLOGY
	15GBTB51	BIOTECHNOLOGY AND HUMAN WELFARE

	15GBTB52	BASICS OF FORENSIC SCIENCE
	15PBTB51	PRACTICAL - MOLECULAR BIOLOGY
B.Tech - Biotechnology	15PBTB52	PRACTICAL - BIOINFORMATICS
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBTB61	GENETIC ENGINEERING AND GENOMICS
	15CBTB62	ANIMAL BIOTECHNOLOGY
	15CBTB63	IMMUNOLOGY
	15CBTB64	PROTEOMICS AND GENOMICS
	15DBTB61	TISSUE ENGINEERING
	15GBTB61	TOTAL QUALITY MANAGEMENT
	15PBTB61	PRACTICAL - IMMUNOLOGY
	15PBTB62	PRACTICAL - GENETIC ENGINEERING
	15PBTB63	PRACTICAL - ANIMAL BIOTECHNOLOGY
	15PBTB64	INPLANT TRAINING
	15SUPD61	PERSONALITY DEVELOPMENT - IV
	15CBTB71	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES
	15CBTB72	MEDICAL MICROBIOLOGY
	15CBTB73	CANCER BIOLOGY AND THERAPEUTICS
	15CBTB74	PLANT BIOTECHNOLOGY
	15DBTB71	BIOORGANIC CHEMISTRY
	15GBTB71	BIOTECHNOLOGY IN HEALTH CARE

	15PBTB71	PRACTICAL - PLANT BIOTECHNOLOGY
	15PBTB72	MINI PROJECT AND SEMINAR
B.Tech - Biotechnology	15PBTB73	PRACTICAL - BIOORGANIC CHEMISTRY
B.E. - Bio-medical Engineering	15GBE001	MATHEMATICS - I
	15GBE002	ENGINEERING PHYSICS
	15GBE003	FUNDAMENTALS OF COMPUTING
	15GBE004	ENGINEERING GRAPHICS
	15GBE005	PRACTICAL - ENGINEERING PRACTICES
	15GBE006	PRACTICAL - ENGINEERING PHYSICS
	15GBE007	PRACTICAL - COMPUTER PRACTICES
	15GBE201	TECHNICAL ENGLISH
	15EBM001	HUMAN PHYSIOLOGY
	15EBM002	BIOCHEMISTRY
	15EBM003	PRACTICAL - BIOCHEMISTRY AND HUMAN PHYSIOLOGY
	15GBE008	MATHEMATICS - II
	15GBE009	ENGINEERING CHEMISTRY
	15GBE010	MATERIAL SCIENCE
	15GBE011	PRACTICAL - ENGINEERING CHEMISTRY
	15GBE202	COMMUNICATION SKILLS
	15GBE203	PRACTICAL - LANGUAGE LABORATORY
	15CBBM31	MATHEMATICS - III

	15CBBM32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	15CBBM33	PATHOLOGY AND MICROBIOLOGY
B.E. - Bio-medical Engineering	15CBBM34	BIOMATERIALS AND ARTIFICAL ORGANS
	15CBBM35	BIOCONTROL SYSTEM
	15CBBM36	ANALOG AND DIGITAL INTEGRATED CIRCUITS
	15CBBM37	BIOETHICS AND BIOSAFETY
	15GBBM31	BIOPHOTONICS
	15PBBM31	PRACTICAL - PATHOLOGY AND MICROBIOLOGY
	15PBBM32	PRACTICAL - ANALOG AND DIGITAL INTEGRATED CIRCUITS
	15UGE521	BIOETHICS AND BIOSAFETY
	15BESY41	BASIC LIFE SKILLS
	15CBBM41	STATISTICS AND NUMERICAL METHODS
	15CBBM42	MEDICAL PHYSICS
	15CBBM43	MICROPROCESSOR, MICROCONTROLLER AND SYSTEM DESIGN
	15CBBM44	ELECTRONIC CIRCUITS
	15DBBM41	HOSPITAL MANAGEMENT
	15GBBM41	BIOETHICS AND BIOSAFETY
	15PBBM41	PRACTICAL - MICROPROCESSOR AND MICROCONTROLLER
	15PBBM42	PRACTICAL - ELECTRONIC CIRCUITS
	15SUPD41	PERSONALITY DEVELOPMENT - II

	15CBBM51	BIOMEDICAL INSTRUMENTATION
	15CBBM52	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT
B.E. - Bio-medical Engineering	15CBBM53	MEDICAL OPTICS
	15DBBM51	REHABILITATION ENGINEERING
	15DBBM52	BIOMEMS AND NANOTECHNOLOGY
	15GBBM51	ROBOTICS AND AUTOMATION IN MEDICINE
	15PBBM51	PRACTICAL - BIOMEDICAL INSTRUMENTATION
	15PBBM52	PRACTICAL - DIAGNOSTIC AND THERAPEUTIC EQUIPMENT
	15UGE523	FOOD AND BEVERAGE MANAGEMENT
	15SUPD51	PERSONALITY DEVELOPMENT - III
	15CBBM61	SENSORS AND MEASUREMENTS
	15CBBM62	DIGITAL SIGNAL IMAGE PROCESSING
	15CBBM63	RADIOLOGICAL EQUIPMENT
	15DBBM61	FIBER OPTICS AND LASERS IN MEDICINE
	15DBBM62	TELEMEDICINE
	15GBBM61	ENERGY TECHNOLOGY
	15PBBM61	PRACTICAL - DIGITAL IMAGE SIGNAL PROCESSING
	15PBBM62	PRACTICAL - SENSORS AND MEASUREMENTS
	15PBBM63	INPLANT TRAINING
	15CBBM71	PATTERN RECOGNITON AND NEURAL NETWORKS

	15CBBM72	MEDICAL INFORMATICS
	15CBBM73	VIRTUAL INSTRUMENTATION DESIGN FOR MEDICAL SYSTEMS
	15CBBM74	BIOMECHANICS
B.E. - Bio-medical Engineering	15DBBM71	HUMAN ASSIST DEVICES
	15DBBM72	TROUBLESHOOTING OF MEDICAL INSTRUMENTS
	15PBBM71	PRACTICAL - VIRTUAL INSTRUMENTATION DESIGN FOR MEDICAL SYSTEMS
	15PBBM72	PRACTICAL - MEDICAL IMAGE PROCESSING AND ANALYSIS
	15PBBM73	MINOR PROJECT
	15UGE506	TOURISM MANAGEMENT
B.Tech - IT (Cloud and Mobile Based Application Development)	16CBIC03	SOFTWARE FOUNDATION AND PROGRAMMING - I
	16GBE001	MATHEMATICS - I
	16GBE002	ENGINEERING PHYSICS
	16GBE004	ENGINEERING GRAPHICS
	16GBE005	PRACTICAL - ENGINEERING PRACTICES
	16GBE006	PRACTICAL - ENGINEERING PHYSICS
	16GBE007	PRACTICAL - COMPUTER PRACTICES
	16GBE201	TECHNICAL ENGLISH
	16CBIC21	SOFTWARE FOUNDATION AND PROGRAMMING - II
	16CBIC22	ELECTRIC CIRCUITS AND ELECTRONIC DEVICES
	16CBIC23	OBJECT ORIENTED PROGRAMMING

	16GBE008	MATHEMATICS - II
	16GBE009	ENGINEERING CHEMISTRY
	16GBE011	PRACTICAL - ENGINEERING CHEMISTRY
B.Tech - IT (Cloud and Mobile Based Application Development)	16GBE202	COMMUNICATION SKILLS
	16GBE203	PRACTICAL - LANGUAGE LABORATORY
	16PBIC21	PRACTICAL - OBJECT ORIENTED PROGRAMMING
	16CBIC31	MATHEMATICS - III
	16CBIC32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	16CBIC33	DATA STRUCTURES
	16DBIC31	ESSENTIALS OF OBJECT ORIENTED PROGRAMMING USING JAVA
	16DBIC32	MICROPROCESSORS AND MICROCONTROLLERS
	16GBIC31	DIGITAL PRINCIPLES AND SYSTEM DESIGN
	16PBIC31	PRACTICAL - DATA STRUCTURES
	16PBIC32	PRACTICAL - MICROPROCESSORS AND MICROCONTROLLERS
	16SUPD31	PERSONALITY DEVELOPMENT - I
	16BESY41	BASIC LIFE SKILLS
	16CBIC41	PROBABILITY AND QUEUING THEORY
	16CBIC42	DATABASE MANAGEMENT SYSTEMS
	16CBIC43	OPERATING SYSTEMS
	16CBIC44	INFORMATION MANAGEMENT BASICS USING IBM DB2

	16DBIC41	COMPUTER ORGANIZATION AND ARCHITECTURE
	16DBIC42	SOCIAL NETWORK ANALYSIS
	16GBIC41	INTELLECTUAL PROPERTY RIGHTS
	16PBIC41	PRACTICAL - DATABASE MANAGEMENT
B.Tech - IT (Cloud and Mobile Based Application Development)	16PBIC42	PRACTICAL - OPERATING SYSTEMS
	16SUPD41	PERSONALITY DEVELOPMENT - II
	16CBIC51	DISCRETE MATHEMATICS
	16CBIC52	COMPUTER NETWORKS
	16CBIC53	SOFTWARE ENGINEERING
	16DBIC51	PROGRAMMING PARADIGMS
	16DBIC52	FOUNDATION COURSE IN ENTERPRISE APPLICATION DEVELOPMENT USING IBM RATIONAL TOOLS
	16GBIC51	TOTAL QUALITY MANAGEMENT
	16PBIC51	PRACTICAL - COMPUTER NETWORKS
	16PBIC52	PRACTICAL - JAVA PROGRAMMING
	16PBIC53	INTRODUCTION TO R SOFTWARE
	16PBIC54	REQUIREMENT MANAGEMENT FOR ENTERPRISE APPLICATION DEVELOPMENT
	16SUPD51	PERSONALITY DEVELOPMENT - III
B.E. - Mechatronics	17GBECP1	PRACTICAL - COMPUTER PRACTICE
	17GBEE11	TECHNICAL ENGLISH
	17GBEEP4	PRACTICAL - ENGINEERING PRACTICES

	17GBEF15	FUNDAMENTALS OF COMPUTING
	17GBEG14	ENGINEERING GRAPHICS
	17GBEM12	MATHEMATICS - I
	17GBEP13	ENGINEERING PHYSICS
B.E. - Mechatronics	17GBEPP2	PRACTICAL - ENGINEERING PHYSICS
	17GBEAP5	PRACTICAL - COMPUTER AIDED DRAFTING
	17GBEC24	ENGINEERING CHEMISTRY
	17GBECP2	PRACTICAL - ENGINEERING CHEMISTRY
	17GBEE21	COMMUNICATION SKILLS
	17GBEE25	ENGINEERING MECHANICS
	17GBEE26	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
	17GBELP1	PRACTICAL - LANGUAGE LABORATORY
	17GBEM22	MATHEMATICS - II
	17GBEP23	MATERIAL SCIENCE
	17CBMC31	MATHEMATICS - III
	17CBMC32	ENVIRONMENTAL SCIENCE AND ENGINEERING
	17CBMC33	ELECTRICAL DRIVES AND CONTROL
	17DBMC31	FLUID MECHANICS AND MACHINERY
	17DBMC32	STRENGTH OF MATERIALS
	17GBMC31	DIGITAL ELECTRONICS
	17PBMC31	PRACTICAL - ELECTRICAL ENGINEERING

	17PBMC32	PRACTICAL - FLUID MECHANICS AND STRENGTH OF MATERIALS
	17PBMC33	PRACTICAL - COMPUTER AIDED MACHINE DRAWING
	17SUPD31	PERSONALITY DEVELOPMENT - I
M.E. - Computer Science and Engineering	15MES001	OPERATIONS RESEARCH
M.E. - Computer Science and Engineering	15MES002	ADVANCED DATA STRUCTURES AND ALGORITHMS
	15MES003	ADVANCED COMPUTER ARCHITECTURE
	15MES004	OBJECT ORIENTED SYSTEMS ENGINEERING
	15MES005	SEMINAR - I
	15MES101	BIO INFORMATICS
	15MES103	KNOWLEDGE ENGINEERING
	15MES123	SOCIAL NETWORK ANALYSIS AND DATA MINING
	15MES006	UNIX INTERNALS
	15MES007	COMPILER OPTIMIZATION
	15MES008	PARALLEL ALGORITHMS
	15MES009	PRACTICAL - UNIX
	15MES010	INPLANT TRAINING
	15MES110	ADVANCED DATABASE TECHNOLOGY
	15MES121	BIG DATA ANALYTICS
	15MES155	MOBILE AND PERVASIVE COMPUTING
	15CMCE31	INTEGRATED SOFTWARE PROJECT MANAGEMENT

	15CMCE32	ENTERPRISE RESOURCE PLANNING
	15CMCE33	MEDICAL IMAGE PROCESSING
	15RMCE31	PROJECT WORK - PHASE I
	15RMCE41	PROJECT WORK - PHASE II
M.E. - Communication System	15MEC001	APPLIED MATHEMATICS
M.E. - Communication System	15MEC002	SPREAD SPECTRUM TECHNIQUES
	15MEC003	ADVANCED DIGITAL COMMUNICATION TECHNIQUES
	15MEC004	DATA COMMUNICATION AND NETWORKS
	15MEC005	SEMINAR - I
	15MEC101	WAVELET THEORY AND APPLICATIONS
	15MEC103	ADAPTIVE SIGNAL PROCESSING
	15MEC105	MULTIMEDIA COMMUNICATION
	15MEC006	WIRELESS NETWORKS
	15MEC007	RF SYSTEM DESIGN
	15MEC008	DIGITAL IMAGE PROCESSING
	15MEC009	PRACTICAL - COMMUNICATION SYSTEMS AND NETWORKS
	15MEC102	OPTICAL NETWORKS
	15MEC104	WIRELESS SENSOR NETWORKS
	15MEC106	COMMUNICATION PROTOCOL ENGINEERING
	15MEC151	SOFT COMPUTING

	15MEC154	NETWORK ROUTING ALGORITHMS
	15MEC156	NEURAL NETWORKS AND ITS APPLICATIONS
	15CMCN31	ELECTROMAGNETIC INTERFERENCE AND COMPATIBILITY IN SYSTEM DESIGN
	15CMCN32	SATELLITE COMMUNICATION
	15CMCN33	CRYPTOGRAPHY AND NETWORK SECURITY
M.E. - Communication System	15DMCN31	WAVELET THEORY AND APPLICATIONS
	15DMCN32	OPTICAL NETWORKS
	15DMCN33	MODELING AND SIMULATION OF COMMUNICATION SYSTEM
	15GMCN31	NEURAL NETWORKS AND ITS APPLICATIONS
	15PMCN31	INPLANT TRAINING
	15RMCN31	PROJECT WORK - PHASE I
	15RMCN41	PROJECT WORK - PHASE II
M.E. - Computer Integrated Manufacturing	15MEI001	OPTIMIZATION TECHNIQUES
	15MEI002	FLEXIBLE COMPETITIVE MANUFACTURING SYSTEM
	15MEI003	APPLIED MATERIALS ENGINEERING
	15MEI004	METROLOGY AND NON DESTRUCTIVE TESTING
	15MEI005	SEMINAR - I
	15MEI101	COMPUTER AIDED PROCESS PLANNING
	15MEI006	COMPUTER AIDED DESIGN AND MANUFACTURING
	15MEI007	MANUFACTURING INFORMATION SYSTEMS

	15MEI008	SUPPLY CHAIN MANAGEMENT
	15MEI009	PRACTICAL - COMPUTER INTEGRATED MANUFACTURING
	15MEI010	IN-PLANT TRAINING
	15MEI102	PRODUCTION AND OPERATIONS MANAGEMENT
	15MEI151	TOTAL QUALITY SYSTEM AND ENGINEERING
	15CMCI31	ROBOTICS AND SENSORS
M.E. - Computer Integrated Manufacturing	15CMCI32	COMPUTER APPLICATIONS IN MANUFACTURING
	15CMCI33	DESIGN OF HYDRAULIC AND PNEUMATIC SYSTEMS
	15RMCI31	PROJECT WORK - PHASE I
	15RMCI41	PROJECT WORK - PHASE II
M.E. - Construction Engineering and Management	15DMET11	BUILDING SERVICES AND MAINTENANCE
	15MET001	STATISTICAL METHODS AND QUEUING THEORY
	15MET002	MODERN MATERIAL OF CONSTRUCTION
	15MET003	CONSTRUCTION EQUIPMENT AND METHODS
	15MET004	PROJECT FORMULATIONS AND APPRAISAL
	15MET005	SEMINAR – I
	15MET101	ADVANCED CONCRETE TECHNOLOGY
	15MET006	ADVANCED CONSTRUCTION TECHNIQUES
	15MET007	CONTRACT LAWS AND REGULATION
	15MET008	QUALITY CONTROL AND ASSURANCE IN CONSTRUCTION

	15MET009	PRACTICAL - ADVANCED CONSTRUCTION ENGINEERING AND COMPUTING TECHNIQUES
	15MET115	BUILDING SERVICES AND MAINTENANCE
	15MET120	GIS IN CONSTRUCTION ENGINEERING AND MANAGEMENT
	15MET121	ADVANCED CONCRETE TECHNOLOGY
	15MET155	GLOBAL WARMING AND CLIMATE CHANGE
	15CMCM31	REPAIR AND REHABILITATION OF STRUCTURES
M.E. - Construction Engineering and Management	15CMCM32	CONSTRUCTION PROJECT MANAGEMENT
	15CMCM33	FUNDAMENTALS OF ENTREPRENEURSHIP
	15DMCM31	RESOURCE MANAGEMENT AND CONTROL IN CONSTRUCTION
	15DMCM32	CONSTRUCTION PERSONNEL MANAGEMENT
	15DMCM33	PROJECT SAFETY MANAGEMENT
	15GMCM31	FUNDAMENTALS OF NANOSCIENCE
	15PMCM31	INPLANT TRAINING
	15RMCM31	PROJECT WORK - PHASE I
	15RMCM41	PROJECT WORK - PHASE II
M.E. - Power Electronics and Drives	15MEP001	OPTIMIZATION TECHNIQUES
	15MEP002	GENERALISED THEORY OF ELECTRICAL MACHINES
	15MEP003	ANALYSIS OF POWER CONVERTERS
	15MEP004	ANALYSIS OF INVERTERS
	15MEP005	SEMINAR - I

	15MEP101	ADVANCED POWER SEMICONDUCTOR DEVICES
	15MEP106	HIGH VOLTAGE DC TRANSMISSION
	15MEP006	SOLID STATE DC DRIVES
	15MEP007	SOLID STATE AC DRIVES
	15MEP008	WIND ENERGY CONVERSION SYSTEMS
	15MEP009	PRACTICAL - POWER ELECTRONICS AND DRIVES
	15MEP104	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS
M.E. - Power Electronics and Drives	15MEP109	POWER QUALITY MANAGEMENT
	15MEP126	HIGH VOLTAGE DC TRANSMISSION
	15MEP151	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15MEP153	EMBEDDED SYSTEMS
	15MEP160	NEURAL NETWORKS AND FUZZY SYSTEMS
	15CMCP31	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS
	15CMCP32	FLEXIBLE AC TRANSMISSION SYSTEMS
	15CMCP33	PRINCIPLES OF MANAGEMENT AND PROFESSIONAL ETHICS
	15DMCP31	SCADA AND DCS
	15DMCP32	SYSTEM IDENTIFICATION AND ADAPTIVE CONTROL
	15GMCP31	NEURAL NETWORKS AND FUZZY SYSTEMS
	15GMCP32	FUNDAMENTALS OF NANOSCIENCE
	15PMCP31	INPLANT TRAINING

	15RMCP31	PROJECT WORK - PHASE I
	15RMCP41	PROJECT WORK - PHASE II
M.E. - Automobile Engineering	15MEA001	APPLIED MATHEMATICS
	15MEA002	AUTOMOTIVE CHASSIS AND TRANSMISSION
	15MEA003	AUTOMOTIVE ENGINES AND ACCESSORIES
	15MEA004	AUTOMOTIVE ELECTRICAL AND ELECTRONICS
	15MEA005	SEMINAR - I
	15MEA101	ALTERNATIVE FUELS AND PROPULSION SYSTEMS
M.E. - Automobile Engineering	15MEA006	AUTOMOTIVE POLLUTION AND CONTROL
	15MEA007	VEHICLE DYNAMICS AND VEHICLE BODY ENGINEERING
	15MEA008	FINITE ELEMENT METHODS IN AUTOMOBILE
	15MEA009	PRACTICAL - COMPUTER AIDED VEHICLE DESIGN
	15MEA010	IN-PLANT TRAINING
	15MEA102	TWO AND THREE WHEELERS
	15MEA151	TOTAL QUALITY SYSTEM AND ENGINEERING
	15CMAE31	PRODUCTION OF AUTOMOTIVE COMPONENTS
	15CMAE32	AUTOMOTIVE SAFETY
	15CMAE33	HYDRAULIC AND PNEUMATIC SYSTEMS
	15RMAE31	PROJECT WORK - PHASE I
	15RMAE41	PROJECT WORK - PHASE II
M.E. - Environmental Engineering	15CMEE11	STATISTICS FOR ENVIRONMENTAL ENGINEERS

	15CMEE12	ENVIRONMENTAL CHEMISTRY
	15CMEE13	DESIGN OF BIOLOGICAL TREATMENT SYSTEMS
	15CMEE14	INDUSTRIAL WASTEWATER TREATMENT
	15DMEE11	OCCUPATIONAL HEALTH AND SAFETY IN INDUSTRIES
	15DMEE12	REMOTE SENSING AND GIS FOR ENVIRONMENTAL APPLICATIONS
	15SMEE11	SEMINAR - I
	15CMEE21	DESIGN OF PHYSIO-CHEMICAL TREATMENT SYSTEMS
	15CMEE22	SOLID AND HAZARDOUS WASTE MANAGEMENT
M.E. - Environmental Engineering	15CMEE23	ENVIRONMENTAL IMPACT AND RISK ASSESSMENT
	15DMEE21	ENVIRONMENTAL ENGINEERING STRUCTURE
	15GMEE21	QUALITY AND SAFETY MANAGEMENT
	15PMEE21	PRACTICAL - ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY
	15DMEE31	AIR POLLUTION MONITORING AND CONTROL
	15DMEE32	WATER QUALITY MODELLING
	15GMEE31	DISASTER MANAGEMENT
	15PMEE31	INPLANT TRAINING
	15RMEE31	PROJECT WORK - PHASE I
	15RMEE41	PROJECT WORK - PHASE II