First Year	
Semester I	**Semester II**
FEC101 – Applied Mathematics – I	FEC201 – Applied Mathematics – II
FEC102 – Applied Physics – I	FEC202 – Applied Physics – II
FEC103 – Applied Chemistry– I	FEC203 – Applied Chemistry– II
FEC104 – Engineering Mechanics	FEC204 – Engineering Drawing
FEC105– Basics of Electrical and Electronics Engg.	FEC205– Structure Programming Approach
FEC106 – Environmental Studies	FEC206 – Communication Skills
FEL101 – Basic Workshop Practice – I	FEL201 – Basic Workshop Practice – II

Second Year	
Semester III	**Semester IV**
ITC301 – Applied Mathematics – III	ITC401 – Applied Mathematics – IV
ITC302 – Logic Design	ITC402 – Computer Networks
ITC303 – Data Structure and Analysis	ITC403 – Operating Systems
ITC304 – Database Management System	ITC404 – Computer Organization & Architecture
ITC305 – Principle of Communication	ITC405 – Automata Theory
ITL301 – Digital Design lab	ITL401 – Networking Lab
ITL302 – Data Structures Lab	ITL402 – Unix Lab
ITL303 – SQL Lab	ITL403 – Microprocessor Programming Lab
ITL304 – Java Programming Lab	ITL404 – Python Lab

Third Year	
Semester V	**Semester VI**
ITC501 – Microcontroller & Embedded Prg.	ITC601 – Software Engineering with Project Mgmt
ITC502 – Internet Programming	ITC602 – Data Mining & Business Intelligence
ITC503 – Advance Data Management Technology	ITC603 – Cloud Computing & Services
ITC504 – Cryptography & Network Security	ITC604 – Wireless Networks
Department Level Optional Course - I	**Department Level Optional Course - II**
ITDL05011 – Advanced Data Structure & AOA ITDL05012 – Image Processing ITDL05013 – E-Commerce & E-Business ITDL05014 – IT Enabled Services ITDL05015 – Computer Graphics & VR	ITDL06021 – Advanced Internet Programming ITDL06022 – Software Architecture ITDL06023 – Digital Forensics ITDL06024 – Multimedia Systems ITDL06025 – Green IT
ITL501 – Internet Programming Lab	ITL601 – Software Design Lab
ITL502 – Security Lab	ITL602 – Business Intelligence Lab
ITL503 – OLAP Lab	ITL603 – Cloud Service Design Lab
ITL504 – IoT (Mini Project) Lab	ITL604 – Sensor Network Lab
ITL505 – Business Comm. &Ethics	ITL605 – Python Lab

Final Year	
Semester VII	**Semester VIII**
ITC701 – Enterprise Network Design	ITC801 – Big Data Analytics
ITC702 – Infrastructure Security	ITC802 – Internet of Everything
ITC703 – Artificial Intelligence	
Department Level Optional Course - III	**Department Level Optional Course – IV**
ITDL07031 – Storage Area networks ITDL07032 – Mobile Application Development ITDL07033 – High Performance Computing ITDL07034 – S/W Testing and Quality Assurance ITDL07035 – Soft Computing	ITDL08041 – User Interaction Design ITDL08042 – Information Retrieval Systems ITDL08043 – Knowledge Management ITDL08044 – Robotics ITDL08045 – Enterprise Resource Planning
Institute Level Optional Course – I	**Department Level Optional Course - II**
IL07011 – Product Life Cycle IL07012 – Reliability Engineering IL07013 – Management Information System IL07014 – Design of Experiment IL07016 – Cyber Security and Laws IL07017 – Disaster Mgmt. and Mitigation Method IL07018 – Energy Audit and Mgmt. IL07019 – Development Engineering	IL08021 – Project Management IL08022 – Finance Management IL08023 – Entrepreneurship Development & mgt. IL08024 – human Resource Management IL08025 – Professional Ethics & CSR IL08026 – Research Methodology IL08027 – IPR and Patenting IL08028 – Digital Business Management IL08029 – Environmental Management
ITL701 – Network Design Lab	ITL801 – Big Data Lab
ITL702 – Advance Security Lab	ITL802 – Internet of Everything Lab
ITL703 – Intelligence Lab	ITL803 – DevOps Lab
ITL704 – Android Apps Development Lab	ITL804 – R Programming Lab
ITL705 – Project - I	ITL805 – Project- II