

# Curriculum

## Semester 1

Curriculum
CE3001 - Fundamentals of Computer Programming
ME3003 - Engineering Graphics
Induction Program
MT3005 - Engineering Mathematics -I
PY3003 - Engineering Physics
CV3003 - Environmental Studies

## Semester 2

Curriculum
MT4001-Engineering Mathematics-III
MN4030_Management and Entrepreneurship
EL4001-Network Theory
EC4020_Principles of Signals and Systems
EC4019_Electronic Circuits
EC4018_Digital Logic Design

### Semester 3

Curriculum
EL3001 - Fundamentals of Electrical Engineering
EN3008 - Professional Communication
MT3006 - Engineering Mathematics-II
ME3002 - Workshop Practices
CE3001 - Fundamentals of Computer Programming
ME3001 - Fundamentals of Mechanical Engineering

## Semester 4

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MTXXXX - Complex Analysis and Numerical Methods

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ECXXXX - Analog Electronics

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ECXXXX - Control System

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ECXXXX - Analog and Digital Communication

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ECXXXX - Microprocessor and Microcontroller

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## Semester 5

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EC5004\_Integrated Circuit and Application

CE5001\_Elements of Research Methodology

CM5001\_Disaster Management

MN5031\_Organizational Behaviour

EC5003\_Digital Communication

EC5006\_Optical Communication and Networking

MN5030\_Economics for Engineers

EC5007\_Engineering Electromagnetics

MN5032\_Ethics and Moral Values

EC5005\_Microcontroller and Interfacing

## **Semester 6**

EC5021-Internet of Things

EC5024-Power Electronics Devices and Circuits

EC5020-Television Engineering

EC5016-Fundamentals of Computer Networks

CV5016-Rural Technologies and Community Development

ME5020-Project Management

EC5015-Modern Measurement and Instrumentation

CE5012-Intellectual Property Rights

EC5017-VLSI Technology

EC5019-Object oriented Programming with C++

EC5018-MINI PROJECT

EC5012-Digital Image Processing

EC5023-Optimization Techniques

AE5009-Supply Chain Management

## Semester 7

MN6001_Soft Skills
EC6014_Summer Internship
EC6013_Project
EC6009_Data Structure
EC6010_Information Theory and Coding
EC6008_Digital System Design
EC6002_Embedded System
EC6001_Antenna and Wave Propagation
EC6007-Operating System
EC6006_Industrial Automation
EC6005_Artificial Intelligence

## Semester 8

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030070808 Wireless communication

030070817 Fundamentals of Image Processing

030070815 Testing and Verification in VLSI Design

030070811 Satellite Communication

030070810 Speech Processing

030070812 Android Programming

030070818 RADAR and Navigational Aids

030070803 Artificial Neural Network

030060816 Electric and Hybrid Vehicles

030070809 CMOS Analog Circuit design

030070809 CMOS Analog Circuit design

030070813 Information Theory and Coding

30070814 Industrial Electronics