

Semester 1

- Aspects of Indian History for Engineers [Human Social Sciences & Management Courses]
Course Code : HS1138
- Economics for Engineers [Human Social Sciences & Management Courses]
Course Code : ECON132
- Basic Electrical Engineering [Engineering Sciences Courses]
Course Code : ES103
- Engineering Graphics Lab [Engineering Sciences Courses]
Course Code : ES104
- Introduction to Environmental Studies [Engineering Sciences Courses]
Course Code : EVS104
- Applied Mathematics- I [Basic Sciences Courses]
Course Code : MAT1014
- Engineering Chemistry [Basic Sciences Courses]
Course Code : CHEM136
- Technical Communication – I [Communication Skills]
Course Code : BC106
- Foreign Business Language
Course Code :
- Open Elective Courses
Course Code :
- Outdoor Activity Based Courses
Course Code :

Semester 2

- Basic Electrical Engineering [Engineering Sciences Courses]
Course Code : ES103
- Engineering Graphics Lab [Engineering Sciences Courses]
Course Code : ES104
- Introduction to Environmental Studies [Engineering Sciences Courses]
Course Code : EVS104
- Applied Mathematics - II [Basic Sciences Courses]
Course Code : MAT1022
- Engineering Chemistry [Basic Sciences Courses]
Course Code : CHEM136
- Technical Communication – II [Communication Skills]
Course Code : BC106
- Foreign Business Language
Course Code :
- Open Elective Courses
Course Code :
- Outdoor Activity Based Courses
Course Code :

Semester 3

- Term Paper [Supervised Independent Learning/ Non-Teaching Credit Courses]

Course Code : ETP100

- Intelligent Systems and design thinking [Engineering Sciences Courses]

Course Code : CSE209

- Machine Learning: Theory and Applications [Engineering Sciences Courses]

Course Code : AIML202

- Programming in Python [Engineering Sciences Courses]

Course Code : CSE205

- Data Structures Using C [Core Courses]

Course Code : CSIT124

- Operating System [Core Courses]

Course Code : CSE202

- Applied Mathematics- III [Basic Sciences Courses]

Course Code : MATH211

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

Semester 4

- Self-Reliance and Socialization [Human Social Sciences & Management Courses]

Course Code : BS207

- Basic Simulation Lab [Engineering Sciences Courses]

Course Code : ES204

- Database Management Systems [Core Courses]

Course Code : CSE201

- Deep Neural Networks [Core Courses]

Course Code : AIML203

- Digital Electronics and Computer Organization [Core Courses]

Course Code : CSE207

- Applied Mathematics-IV [Basic Sciences Courses]

Course Code : MATH242

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

Semester 5

- In-House Practical Training [Supervised Independent Learning/ Non-Teaching Credit Courses]

Course Code : ETP1100

- Embedded Robotics Programming [Specialisation Electives for Minor Degree (Robotics)]

Course Code : ECE329

- Network Management and Security [Specialisation Electives for Hons. (Networks and Information Security)]

Course Code : IT310

- Building Data Visualization for A.I. [Specialisation Elective Courses]

Course Code : CSE324

- Gaming & Virtual Reality [Specialisation Elective Courses]

Course Code : CSE318

- Information Retrieval [Specialisation Elective Courses]

Course Code :

- Multi Agent Systems [Specialisation Elective Courses]

Course Code : CSE319

- Social and Information Network Analysis [Specialisation Elective Courses]

Course Code : CSE317

- Soft Computing and Applications [Specialisation Elective Courses]

Semester 6

- Robotics - Modeling and Control [Specialisation Electives for Minor Degree (Robotics)]

Course Code : ECE432

- Data Encryption and Compression [Specialisation Electives for Hons. (Networks and Information Security)]

Course Code : IT311

- AI Tools [Specialisation Elective Courses]

Course Code : CSE315

- Cloud Computing Practitioner [Specialisation Elective Courses]

Course Code : CSE314

- Cognitive Modelling [Specialisation Elective Courses]

Course Code : CSE322

- Cyber Security [Specialisation Elective Courses]

Course Code : CSE436

- Generative Artificial Intelligence (Generative AI) [Specialisation Elective Courses]

Course Code : AIML303

- Optimization Methods [Specialisation Elective Courses]

Course Code : CSE444

- Software Engineering [Specialisation Elective Courses]

Course Code : IT301

- Programming & Employability Skills for Computer Engineers

Course Code : CSE320

- Visual Computing and Animation [Specialisation Elective Courses]

Course Code : CSE316

- Blockchain and its Applications [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]

Course Code : SMO438

- Product Management & Research [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]

Course Code : SMO309

- Cloud Computing Practitioner [Industry Specific Courses]

Course Code : CSE314

- Aptitude and Reasoning Ability [Employability & Skill Enhancement Courses]

Course Code : SKE301

- Applied Probability and Statistics [Core Courses]

Course Code : CSE416

- Exploring the Networks [Core Courses]

Course Code : IT307

- Machine Learning: Theory and Applications [Core Courses]

Course Code : AIML202

- Cognitive Skills, Leadership and Decision Making [Behavioural Science]

Course Code : BS309

- Foreign Business Language

Course Code :

[Employability & Skill Enhancement Courses]

Course Code : SKE309

- Big Data Analytics [Core Courses]

Course Code : IT424

- Deep Neural Networks [Core Courses]

Course Code : AIML203

- Internet of Things: Sensing and Actuator Devices [Core Courses]

Course Code : CSE449

- Principles of Robot Autonomy [Core Courses]

Course Code : CSE323

- Professional Ethics and Social Responsibility [Professional Ethics]

Course Code : PPE301

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

Semester 7

- Industry Internship [Supervised Independent Learning/ Non-Teaching Credit Courses]

Course Code : ETI1100

- A.I. in Autonomous Vehicles [Specialisation Elective Courses]

Course Code : CSE461

- A.I. in Healthcare [Specialisation Elective Courses]

Course Code : CSE462

- Advanced Robotic Process Automation [Specialisation Elective Courses]

Course Code : CSE463

- Algorithms for Computational Biology [Specialisation Elective Courses]

Course Code : CSE464

- Cloud Security [Specialisation Elective Courses]

Course Code : CSE439

- Conversational A.I. [Specialisation Elective Courses]

Course Code : CSE465

- Deep Learning and Neural Network [Specialisation Elective Courses]

Course Code : AIMI302

Semester 8

- Major Project [Supervised Independent Learning/ Non-Teaching Credit Courses]

Course Code : ETM1100

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

- Digital Image Processing and Computer Vision [Specialisation Elective Courses]

Course Code : CSE402

- Language Analytics & Modelling Techniques [Specialisation Elective Courses]

Course Code : CSE466

- Machine learning with graphs [Specialisation Elective Courses]

Course Code : CSE467

- Natural Language Processing with Deep Learning [Specialisation Elective Courses]

Course Code : CSE468

- Recommender System [Specialisation Elective Courses]

Course Code : CSE469

- Reinforcement Learning [Specialisation Elective Courses]

Course Code : CSE470

- Time Series Analysis for AI [Specialisation Elective Courses]

Course Code : CSE471

- Big Data Architecture [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]

Course Code : SMO432

- Computer Vision and Image Processing - Fundamentals and Applications [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]

Course Code : SMO444

- Deep Learning and Artificial Intelligence [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]

Course Code : SMO431

- Product Management & Research [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]

Course Code : SMO309

- Minor Project [Mandatory Courses]

Course Code : ETMN100

- Aspects of Indian History for Engineers [Human Social Sciences & Management Courses]

Course Code : HIST138

- Economics for Engineers [Human Social Sciences & Management Courses]

Course Code : ECON132

- Law for Engineers [Human Social Sciences & Management Courses]

Course Code : LAW132

- Sociology for Engineers [Human Social Sciences & Management Courses]

Course Code : SOC104

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :