



MALNAD COLLEGE OF ENGINEERING, HASSAN
(An Autonomous Institution Affiliated to VTU, Belagavi)

Autonomous Programme
Bachelor of Engineering

Department Of
INFORMATION SCIENCE AND ENGINEERING

SCHEME AND SYLLABUS
(2023 Admitted Batch)

Academic Year 2025-2026

VISION OF THE INSTITUTE

To be an institute of excellence in engineering education and research, producing socially responsible professionals.

MISSION OF THE INSTITUTE

- Create conducive environment for learning and research
- Establish industry and academia collaborations
- Ensure professional and ethical values in all institutional endeavors

VISION OF THE INFORMATION SCIENCE AND ENGINEERING DEPARTMENT

The department will be a premier centre focusing on knowledge dissemination and generation to address the emerging needs of information technology in diverse fields.

MISSION OF THE INFORMATION SCIENCE AND ENGINEERING DEPARTMENT

- To make students competent to contribute towards the development of IT field.
- Promote learning and practice of latest tools and technologies among students.
- Collaborate with industry and institutes of higher learning for R&D.;
- Develop capacity of teachers in terms of their teaching and research abilities.
- Develop software applications to solve engineering and societal problems.

COURSE TYPES

| Course Type | Abbreviation |
|---|--------------|
| Basic Science Course | BSC |
| Engineering Science Course | ESC |
| Emerging Technology Course | ETC |
| Programming Language Course | PLC |
| Professional Core Course | PCC |
| Integrated Professional Core Course | IPCC |
| Professional Core Course Laboratory | PCCL |
| Professional Elective Course | PEC |
| Open Elective Course | OEC |
| Project/Mini Project/Internship | PI |
| Humanities and Social Sciences, Management Course | HSMC |
| Ability Enhancement Course | AEC |
| Skill Enhancement Course | SEC |
| Universal Human Value Course | UHV |
| Non-credit Mandatory Course | MC |

INFORMATION SCIENCE AND ENGINEERING — SEMESTER 3 — 2025

| Sl. No | Course Category | Course Code | Course Title | L | T | P | Total | CIE | SEE | Total | Credits | Assign Faculty |
|--------|-----------------|-------------|---|---|---|---|-------|-----|-----|-------|---------|----------------|
| 1 | BSC | 23MAIS301 | Mathematics for Information Science Engineering-I | 1 | 2 | 1 | 4 | 50 | 50 | 100 | 4 | faculty1 |

Elective/Enhancement Courses

Engineering Science Course (ESC)

| Course Code | Course Title | Assign Faculty |
|-------------|---------------|----------------|
| 23IS306A | OOP with Java | faculty2 |