# CURRICULUM

## Academic Batch 2024 – 2028 (Autonomous)

## Undergraduate Bachelor of Engineering Program- B.E

## Outcome Based Education (OBE)

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

# III TO VIII SEM

## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

**An Autonomous Institution Affiliated to Visvesvaraya Technological University (VTU) Belagavi**

**Approved by All India Council for Technical Education (AICTE), New Delhi. Recognized by Govt. of Karnataka**

**UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE**

## 2024-2028

## About the Institution

East Point College of Engineering and Technology (EPCET), established in 1999 by the M.G. Charitable Trust, is a premier engineering institution located in the eastern corridor of Bangalore at Bidarahalli, Virgonagar Post, just 5 km from K.R. Puram. The college is affiliated with Visvesvaraya Technological University (VTU), Belagavi, and is NAAC accredited with an 'A' Grade. All undergraduate and postgraduate programs are approved by the All India Council for Technical Education (AICTE).

EPCET offers a wide range of undergraduate B.E. programs in:

- Artificial Intelligence and Data Science
- Computer Science and Engineering
- Information Science and Engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Artificial Intelligence and Machine Learning
- Civil Engineering
- CSE (IoT, Cyber Security including Blockchain Technology

The college also offers postgraduate M.Tech programs in Mechanical and Civil Engineering. With a current student strength of over 2,500 and a faculty team of more than 145 members (25% of whom hold Ph.D. qualifications), the institution places a strong emphasis on academic excellence, research, and innovation. Several faculty members collaborate with reputed national research organizations such as LRDE-DRDO, contributing to peer-reviewed publications.

Three departments—Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), and Information Science and Engineering (ISE)—have been NBA accredited for the periods 2008–2011 and 2023–2026.

EPCET maintains a strong placement record, with over 80% of eligible students receiving on-campus job offers from leading companies such as VMware, Cognizant, Infosys, Accenture, IBM, and Covance. Students benefit from industry-integrated training through the Industry-Institute Integrated Learning Program (IILP) in collaboration with technology leaders including CISCO, AWS, Salesforce, Google Cloud, ARM, UiPath, Microsoft, and Texas Instruments. These programs enable students to acquire industry-recognized certifications.

The campus features modern infrastructure including spacious classrooms, tutorial rooms, seminar halls, well-equipped laboratories, and a library housing over 50,000 volumes. The campus is fully Wi-Fi enabled and provides students access to industry-standard software tools. EPCET also encourages faculty to participate in and organize academic seminars, conferences, and Faculty Development Programs (FDPs), hosting at least 5–6 such events annually.

EPCET is part of a larger academic ecosystem that includes a Medical College, an 800-bed Superspeciality Hospital, a Pharmacy College, two Nursing Institutes, a Higher Education Institute, and a Pre-University College. This offers engineering students unique interdisciplinary learning opportunities and exposure to diverse academic fields. The college supports a vibrant campus life with transportation, hostel facilities, sports infrastructure, and over 15 student-led clubs for extracurricular engagement.

Driven by a vision for academic excellence and holistic education, EPCET continually adapts to new teaching methodologies, student assessment models, and innovations in learning to enhance student satisfaction and prepare graduates for global careers.

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## Institute Vision and Mission

### Vision

The East Point College of Engineering and Technology aspires to be a globally acclaimed institution, recognized for excellence in engineering education, applied research, and nurturing students for holistic development

### Mission

M1: To create Engineering graduates through quality education and to nurture innovation, creativity and excellence in teaching, learning and research.

M2: To serve the technical, scientific, economic and societal developmental needs of our communities.

M3: To induce integrity, teamwork, critical thinking, personality development, and ethics in students and to lay the foundation for lifelong learning.

## About the department

Department of Information Science and Engineering, affiliated to Visveswaraya Technological University (VTU), Belagavi, approved by AICTE and accredited with NBA Certification is functioning since 2001. The department offers BE program in Information Science and Engineering with an intake of 180 students from the academic year 2023-24. The program imparts basic and advanced knowledge in Information Science and Engineering, technical competencies and necessary IT skills and prepares the students for the development of information science-based solutions for the real-world paradigms. The department provides opportunities to students to exhibit talents, leadership qualities through the departmental forum and student chapters. The department organizes International and national conferences, Seminars, Student Symposia, youth festivals, short-time training programs, and value-added courses. This provides a wide range of opportunities for students and faculty members to bring out their potential and innovative skills in various fields.

**About the program**

| Year of Establishment | 2001-2002 |
|---|---|
| Name of the Program offered | BE- Information Science and Engineering |
| Intake | 180 |

## Department Vision and Mission

**Vision**

The Department aspires to be center of excellence for engineering education in the field of Information Science and Engineering, fosters academic and career success for holistic development.

**Mission**

**M1:** To create graduates in Information Science and Engineering by nurturing innovation, creativity and excellence in Teaching, Learning and Research.

**M2:** To develop and disseminate technical skills to address current and future industrial needs.

**M3:** To encourage team work, critical thinking, personality development and ethics in students to lay the foundation for lifelong learning.

## Program Educational Objectives (PEOs)

**PEO1:** To produce graduates who have the knowledge of science and engineering concepts for a computer professional to perform technical roles in the software industry.

**PEO2:** To produce graduates who formulate, analyze and provide innovative solutions to real world problems in Information Science and Engineering by adapting to new trends in the domain to carve a successful career in the industry.

**PEO3:** To produce graduates who exhibit leadership capability and be a supportive member serving the society in every possible way to build some innovative ideas for solving problems by applying research methodologies.

## Program Specific Outcome (PSO)

**PSO1:** To collect data, validate the data, design and develop software models, concert the model into a working solution using appropriate algorithms and programming language.

**PSO2:** To expertise in the sub domains of Information Science and Engineering such as file structures, data mining, big data analytics, cloud computing, robotic process automation to reach industry needs.

**PSO3:** Ability to develop practical competency in programming languages and open source platforms.

**Program Outcomes as defined by NBA (PO) Engineering Graduates will be able to:**

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusion with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

# East Point College of Engineering and Technology

**Total Courses**

| Sl. No | Category | No. of Courses | No. of Credits |
|---|---|---|---|
| 1 | Humanity and Social Science and management Course (HSMC) | 4 | 6 |
| 2 | Programming Language Courses (PLC)/Emerging Technology Courses (ETC) | 2 | 6 |
| 3 | Basic Science Courses (BSC)/-Applied Science Course (ASC) | 5 | 20 |
| 4 | Integrated Professional Core Course(IPCC) | 5 | 20 |
| 5 | Professional Core Course (PCC) | 9 | 31 |
| 6 | Professional Elective Course (PEC) | 4 | 16 |
| 7 | Open Elective Course (OEC) | 2 | 7 |
| 8 | Professional Core Course laboratory (PCCL) | 5 | 5 |
| 9 | Engineering Science Course (ESC) | 6 | 18 |
| 10 | Ability Enhancement Course (AEC)/ Skill Enhancement Course (SEC)/ Skill Development Course (SDC)/Universal Human Value Course (UHV) | 7 | 10 |
| 11 | Internship (INT) | 1 | 5 |
| 12 | Project (PROJ) | 3 | 16 |
| 13 | Mandatory Course (Non-credit)- NCMC | 2 | - |
| **Total** | | **55** | **160** |

**Credit Distribution**

| Sl. No | Category | Credits Per Semester | | | | | | | | Total Credits | Credits in % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | I | II | III | IV | V | VI | VII | VIII | | |
| 1 | HSMC | 1 | 2 | | | 3 | | | | 6 | 4% |
| 2 | PLC/ETC | 3 | 3 | | | | | | | 6 | 4% |
| 3 | BSC/ASC | 8 | 8 | 4 | | | | | | 20 | 13% |
| 4 | IPCC | | | 4 | 4 | 4 | 4 | 4 | | 20 | 13% |
| 5 | PCC | | | 7 | 9 | 4 | 3 | 8 | | 31 | 19% |
| 6 | PEC | | | | | 4 | 8 | 4 | | 16 | 10% |
| 7 | OEC | | | | | | 3 | 4 | | 7 | 4% |
| 8 | PCCL | | | 1 | 1 | 1 | 1 | 1 | | 5 | 3% |
| 9 | ESC | 6 | 6 | 3 | 3 | | | | | 18 | 11% |
| 10 | AEC/ SEC/ SDC/ TS/UHV | 2 | 1 | 1 | 3 | 3 | | | | 10 | 6% |
| 11 | INT | | | | | | | | 5 | 5 | 3% |
| 12 | PROJ | | | | | | 2 | 2 | 12 | 16 | 10% |
| **Total** | | **20** | **20** | **20** | **20** | **19** | **21** | **23** | **17** | **160** | **100%** |

SDA-Skill Development Activities, TD/PSB- Teaching Department / Paper Setting Board, ASC-Applied Science Course, ESC- Engineering Science Courses, ETC- 29052023/V10 scheme for Computer Science and Engineering and allied branches (CSE/ISE and BT all allied branches of CSE) 2 Emerging Technology Course, AEC- Ability Enhancement Course, HSMS-Humanity and Social Science and management Course, SDC- Skill Development Course, CIE–Continuous Internal Evaluation, SEE- Semester End Examination, IC – Integrated Course (Theory Course Integrated with Practical Course)

PCC Value Course, MC: Mandatory Course (Non-credit), AEC: Ability Enhancement Course, SEC: Skill Enhancement Course, L: Lecture, T: Tutorial, P: Practical. ESC: Engineering Science Course, ETC: Emerging Technology Course, PLC: Programming Language Course, MC Mandatory Course, PCC: Professional Core Course, PCCL: Professional Core Course laboratory, UHV: Universal Human

## III Semester

| BE in Information Science & Engineering<br>Scheme of Teaching III Semester<br>Outcome Based Education and Choice Based Credit System (CBCS)<br>Effective from the academic year Batch - 2024-28 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sl. No** | **Course** | **Course Code** | **Course Title** | **Teaching Department (TD)/ Board** | **Teaching Hours /Week** | | | **Examination** | | | **Credits** |
| | | | | | **Theory** | **Tutorial** | **Practical** | **CIE Marks** | **SEE Marks** | **Total Marks** | |
| | | | | | **L** | **T** | **P** | | | | |
| 1 | BSC | 24IS31 | Mathematics III for CSE | Mathematics | 3 | 2 | 0 | 50 | 50 | 100 | 4 |
| 2 | PCC | 24IS32 | Operating System | ISE | 4 | 0 | 0 | 50 | 50 | 100 | 4 |
| 3 | PCC | 24IS33 | Data Structures and Applications | ISE | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 4 | IPCC | 24IS34 | Digital Design & Computer Organization | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 5 | PCCL | 24ISL35 | Data Structure & Applications lab | ISE | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 6 | ESC | 24IS36X | **ESC/ETC/ PLC** | ISE | 2 | 0 | 2 | 50 | 50 | 100 | 3 |
| 7 | AEC | 24ISL37X | Ability Enhancement Course - III | ISE dept/ IT Industry | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 8 | MC | 24NS38/ 24PE38/ 24YO38 | NSS/ PE/ YOGA | NSS/YOGA/ PE Coordinator | 0 | 0 | 2 | 100 | - | 100 | - |
| **Total** | | | | | | | | **450** | **350** | **800** | **20** |

| **Engineering Science Course (ESC/ETC/PLC)– III** | |
|---|---|
| 24IS36A | Object Oriented Programming with Java |
| 24IS36B | Object Oriented Programming with C++ |

| **Ability Enhancement Course – III** | | | |
|---|---|---|---|
| 24ISL37A | Data Analytics using Excel | 24ISL37C | Prompt Engineering |
| 24ISL37B | R programming | 24ISL37D | Introduction to Web Programming |

## IV Semester

**BE in Information Science & Engineering**
**Scheme of Teaching IV Semester**
Outcome Based Education and Choice Based Credit System (CBCS)
Effective from the academic year Batch - 2024-28

| Sl. No | Course | Course Code | Course Title | Teaching Department (TD)/ Board | Teaching Hours /Week | | | Examination | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Theory | Tutorial | Practical | CIE Marks | SEE Marks | Total Marks | Credits |
| | | | | | L | T | P | | | | |
| 1 | PCC | 24IS41 | Analysis and Design of Algorithms | ISE | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 2 | PCC | 24IS42 | Data Base Management System | ISE | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 3 | PCC | 24IS43 | Software Engineering | ISE | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 4 | IPCC | 24IS44 | Fundamentals of Cloud Computing | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 5 | PCCL | 24ISL45 | Analysis and Design of Algorithms Lab | ISE | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 6 | ESC | 24IS46X | **BSC/ESC** | Mathematics | 2 | 2 | 0 | 50 | 50 | 100 | 3 |
| 7 | AEC | 24ISL47X | Ability Enhancement Course-IV | ISE dept/ IT Industry | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 8 | UHV | 24UH48 | Universal Human Values | Any dept | 2 | 0 | 0 | 100 | - | 100 | 2 |
| 9 | MC | 24NS49/ 24PE49/ 24YO49 | NSS/YOGA/ PE | NSS/ YOGA/ PE Coordinator | 0 | 0 | 2 | 100 | - | 100 | - |
| **Total** | | | | | | | | **550** | **350** | **900** | **20** |

| BSC/Engineering Science Course (ESC/ETC/PLC)– IV | | | |
|---|---|---|---|
| 24IS46A | Linear Algebra | 24IS46C | Graph Theory |
| 24IS46B | Discrete Mathematics structures | | |

| Ability Enhancement Course / Skill Enhancement Course - IV | | | |
|---|---|---|---|
| 24ISL47A | UI/UX Design Tool(Figma) | 24ISL47C | Technical writing using LATEX |
| 24ISL47B | DBMS with SQL and MongoDB | 24ISL47D | Mobile Application Development |

## V Semester

| BE in Information Science & Engineering<br>Scheme of Teaching V Semester<br>Outcome Based Education and Choice Based Credit System (CBCS)<br>Effective from the academic year Batch - 2024-28 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sl. No** | **Course** | **Course Code** | **Course Title** | **Teaching Department (TD)/ Board** | **Teaching Hours /Week** | | | **Examination** | | | |
| | | | | | **Theory** | **Tutorial** | **Practical** | **CIE Marks** | **SEE Marks** | **Total Marks** | **Credits** |
| | | | | | **L** | **T** | **P** | | | | |
| 1 | HSMC | 24IS51 | Software Quality and Project Management | ISE | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 2 | PCC | 24IS52 | Theory of Computation | ISE | 3 | 2 | 0 | 50 | 50 | 100 | 4 |
| 3 | IPCC | 24IS53 | Computer Networks | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 4 | PCCL | 24ISL54 | Data Analytics with Power BI and Tableau Lab | ISE | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 5 | PEC | 24IS55X | Program Elective Course-1 | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 6 | AEC | 24RM56 | Research Methodology and IPR | ISE | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 7 | NCMC | 24ES57 | Environmental Studies and E-Waste Management* | CV | 0 | 0 | 0 | 100 | - | 100 | - |
| 8 | MC | 24NS58/ 24PE58/ 24YO58 | NSS/YOGA/ PE | NSS/ YOGA/ PE Coordinator | 0 | 0 | 2 | 100 | - | 100 | - |
| **Total** | | | | | | | | **500** | **300** | **800** | **19** |

| **Program Elective Course-1** | | | | | |
|---|---|---|---|---|---|
| 24IS55A | MongoDB | 24IS55C | Computer Vision | 24IS55E | Cloud Foundations |
| 24IS55B | Fundamentals of Data Science | 24IS55D | Cryptography Network Security And Cyber Laws | | |

## VI Semester

**BE in Information Science & Engineering**
**Scheme of Teaching VI Semester**
Outcome Based Education and Choice Based Credit System (CBCS)
Effective from the academic year Batch - 2024-28

| Sl. No | Course | Course Code | Course Title | Teaching Department (TD)/ Board | Teaching Hours /Week | | | Examination | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Theory | Tutorial | Practical | CIE Marks | SEE Marks | Total Marks | Credits |
| | | | | | L | T | P | | | | |
| 1 | PCC | 24IS61 | AI & Machine Learning | ISE | 2 | 2 | 0 | 50 | 50 | 100 | 3 |
| 2 | IPCC | 24IS62 | Software Testing | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 3 | PCCL | 24ISL63 | Machine Learning Lab | ISE | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 4 | PEC | 24IS64X | Program Elective Course- 2 | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 5 | PEC | 24IS65X | Program Elective Course- 3 | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 6 | OEC | 24XX66X | Open-Elective -1 | Concerned Dept | 3 | 0 | 0 | 50 | 50 | 100 | 3 |
| 7 | PROJ | 24IS67 | Mini Project | ISE | 0 | 0 | 4 | 100 | - | 100 | 2 |
| 8 | MC | 24NS68/ 24PE68/ 24YO68 | NSS/YOGA/ PE | NSS/ YOGA/ PE Coordinator | 0 | 0 | 2 | 100 | - | 100 | - |
| **Total** | | | | | | | | **500** | **300** | **800** | **21** |

| **Program Elective Course-2** | | | | | |
|---|---|---|---|---|---|
| 24IS64A | Express.JS &Advanced React.JS | 24IS64C | NLP &Speech Recognitions | 24IS64E | Cloud Architecting |
| 24IS64B | Data Visualization using R | 24IS64D | Quantum Algorithms and Cryptography | | |

| **Program Elective Course-3** | | | | | |
|---|---|---|---|---|---|
| 24IS65A | Integrated Full Stack Application Development | 24IS65C | Generative AI | 24IS65E | Cloud Data Engineering |
| 24IS65B | Big Data Analytics | 24IS65D | Incident Response and Management | | |

| **Open Elective Course-1** | | | |
|---|---|---|---|
| 24IS66A | Introduction to Data Structures | 24IS66C | Introduction to Artificial Intelligence |
| 24IS66B | Fundamentals of Operating Systems | | |

## VII Semester

**BE in Information Science & Engineering**
**Scheme of Teaching VI Semester**
Outcome Based Education and Choice Based Credit System (CBCS)
Effective from the academic year Batch - 2024-28

| Sl. No | Course | Course Code | Course Title | Teaching Department (TD)/ Board | Teaching Hours /Week | | | Examination | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Theory | Tutorial | Practical | CIE Marks | SEE Marks | Total Marks | Credits |
| | | | | | L | T | P | | | | |
| 1 | PCC | 24IS71 | Cryptography & Network Security | ISE | 3 | 2 | 0 | 50 | 50 | 100 | 4 |
| 2 | PCC | 24IS72 | Internet of Things | ISE | 4 | 0 | 0 | 50 | 50 | 100 | 4 |
| 3 | IPCC | 24IS73 | High Performance Computing | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 4 | PCCL | 24ISL74 | TOSCA–Automated Software testing | ISE | 0 | 0 | 2 | 50 | 50 | 100 | 1 |
| 5 | PEC | 24IS75X | Program Elective Course -4 | ISE | 3 | 0 | 2 | 50 | 50 | 100 | 4 |
| 6 | OEC | 24XX76X | Open Elective- 2 | Concerned Department | 4 | 0 | 0 | 50 | 50 | 100 | 4 |
| 7 | PROJ | 24IS77 | Project Work phase -1 | ISE | 0 | 0 | 4 | 100 | - | 100 | 2 |
| **Total** | | | | | | | | **400** | **300** | **700** | **23** |

| **Professional Elective Course-IV** | | | | | |
|---|---|---|---|---|---|
| 24IS75A | Introduction to DevOps | 24IS75C | Business Intelligence and Data Analytics | 24IS75E | Cloud Operations |
| 24IS75B | Deep Learning | 24IS75D | Blockchain Technology | | |

| **Open Elective Course-2** | | | |
|---|---|---|---|
| 24IS76A | Introduction to DBMS | 24IS76C | Software Engineering |
| 24IS76B | Introduction to Algorithms | | |

## VIII Semester

**BE in Information Science & Engineering**
**Scheme of Teaching VIII Semester**
Outcome Based Education and Choice Based Credit System (CBCS)
Effective from the academic year Batch - 2024-28

| Sl. No | Course | Course Code | Course Title | Teaching Department (TD)/ Board | Teaching Hours /Week | | | Examination | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Theory | Tutorial | Practical | CIE Marks | SEE Marks | Total Marks | Credits |
| | | | | | L | T | P | | | | |
| 1 | INT | 24INT81 | Research / Industrial Internship | ISE | Two contact hours for interaction between the faculty and students | | | 100 | 100 | 200 | 5 |
| 2 | PROJ | 24ISP82 | Project Work Phase - II | ISE | 0 | 0 | 8 | 100 | 100 | 200 | 12 |
| **Total** | | | | | | | | **200** | **200** | **400** | **17** |