



**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

**Scheme of Examination (Semester-I)**

**for Batch Admitted in Session-2025-26**

**Bachelor of Technology (B.Tech.) – Information Technology**

| Subject Code | Subject Category | Subject Name                                   | Maximum Marks Allotted                                           |     |            |      |           |    |      |             |              |   | Contact Hrs. |  |       |  | Total Credits |
|--------------|------------------|------------------------------------------------|------------------------------------------------------------------|-----|------------|------|-----------|----|------|-------------|--------------|---|--------------|--|-------|--|---------------|
|              |                  |                                                | Theory                                                           |     |            |      | Practical |    |      | Total Marks | Contact Hrs. |   |              |  |       |  |               |
|              |                  |                                                | ES                                                               | MS  | Assignment | Quiz | ES        | LW | Quiz |             | L            | T | P            |  |       |  |               |
| CHB101       | BSC              | Applied Chemistry                              | 60                                                               | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3            | 0 | 2            |  | 4     |  |               |
| CSA101       | ESC              | Introduction to Computer Science & Engineering | 60                                                               | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3            | 0 | 2            |  | 4     |  |               |
| HUB101       | HSMC             | Communication and Report Writing               | 60                                                               | 20  | 10         | 10   | --        | -- | --   | 100         | 3            | 0 | 0            |  | 3     |  |               |
| CSA102       | ESC              | Digital Electronics                            | 60                                                               | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3            | 0 | 2            |  | 4     |  |               |
| MAB101       | BSC              | Linear Algebra and Calculus                    | 60                                                               | 20  | 10         | 10   | --        | -- | --   | 100         | 3            | 1 | 0            |  | 4     |  |               |
| ILC100       | ILC              | Extracurricular Activities                     | It is a non-credit per year activity and no semester marks sheet |     |            |      |           |    |      |             |              |   |              |  |       |  |               |
| Total        |                  |                                                | 300                                                              | 100 | 50         | 50   | 90        | 30 | 30   | 650         | 15           | 1 | 6            |  | 19    |  |               |
| MAC101       | MAC*             | Universal Human Values and Professional Ethics | --                                                               | --  | --         | --   | 60        | 20 | 20   | 100         | 0            | 0 | 2            |  | Grade |  |               |

MST: Minimum two mid-semester tests to be conducted during Semester. MAC: Mandatory courses classes will be conducted in off hours (Weekends)

MST: Minimum two mid semester tests to be conducted during Semester. MAC: Mandatory courses classes will be conducted in off hours (Weekends)

| MAC | Induction Program | Non-Credit |
|-----|-------------------|------------|
| HEC | NSS/NCC/NSO       | Non-Credit |

**Abbreviations:** ES -End Semester, MS- Mid Semester, LW- Laboratory Work/Assignment, (L: Lecture, T: Tutorial, P: Practical) BSC- Basic Science Course, ESC- Engineering Science Course, HSMC- Humanities Science and Management Course, MAC- Mandatory, Audit Course, HEC- Holistic Education Course, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC- Open Course, DLC- Department Laboratory, PROJ-Project Work



**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA(M.P.)**  
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**Scheme of Examination(Semester-II)**

**for Batch Admitted in session-2025-26**

**Bachelor of Technology (B.Tech.) – Information Technology**

| Subject Code                                                                                                                                      | Subject Category | Subject Name                                                    | Maximum Marks Allotted                                                     |     |             |      |     |           |      |     |             |              | Contact Hrs. |       |  |  | Total Credits |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------|-----|-------------|------|-----|-----------|------|-----|-------------|--------------|--------------|-------|--|--|---------------|
|                                                                                                                                                   |                  |                                                                 | Theory                                                                     |     |             |      |     | Practical |      |     | Total Marks | Contact Hrs. |              |       |  |  |               |
|                                                                                                                                                   |                  |                                                                 | ES                                                                         | MS  | Assignm ent | Quiz | ES  | LW        | Quiz | L   |             | T            | P            |       |  |  |               |
|                                                                                                                                                   |                  |                                                                 |                                                                            |     |             |      |     |           |      |     |             |              |              |       |  |  |               |
| PYB101                                                                                                                                            | BSC              | Applied Physics                                                 | 60                                                                         | 20  | 10          | 10   | 30  | 10        | 10   | 150 | 3           | 0            | 2            | 4     |  |  |               |
| CSA103                                                                                                                                            | ESC              | Problem Solving and Data Structure                              | 60                                                                         | 20  | 10          | 10   | 30  | 10        | 10   | 150 | 3           | 0            | 2            | 4     |  |  |               |
| ITC101                                                                                                                                            | ITC              | Python Programming                                              | 60                                                                         | 20  | 10          | 10   | 30  | 10        | 10   | 150 | 3           | 0            | 2            | 4     |  |  |               |
| CSA104                                                                                                                                            | ESC              | Principles of Software System                                   | 60                                                                         | 20  | 10          | 10   |     |           |      | 100 | 3           | 0            | 0            | 3     |  |  |               |
| MAB102                                                                                                                                            | BSC              | Statistics: Probability Distribution and Differential Equations | 60                                                                         | 20  | 10          | 10   | --  |           | --   | 100 | 3           | 1            | 0            | 4     |  |  |               |
| CSL110                                                                                                                                            | ESC              | Computer Workshop(Linux Lab)                                    |                                                                            |     |             |      | 30  | 10        | 10   | 50  | 1           | 0            | 2            | 2     |  |  |               |
| ILC100                                                                                                                                            | ILC              | Extracurricular Activities                                      |                                                                            |     |             |      |     |           |      |     |             |              |              |       |  |  |               |
| Total                                                                                                                                             |                  |                                                                 | It is a one credit per year activity endorise in eight semester mark sheet |     |             |      |     |           |      |     |             |              |              |       |  |  |               |
| MAC102                                                                                                                                            | MAC*             | Professional ethics and social responsibility                   | 300                                                                        | 100 | 50          | 50   | 120 | 40        | 40   | 700 | 16          | 1            | 8            | 21    |  |  |               |
|                                                                                                                                                   |                  |                                                                 | --                                                                         | --  |             | --   | 30  | 10        | 10   | 50  | 0           | 0            | 2            | Grade |  |  |               |
| MST: Minimum 10 words in semester tests to be conducted during Semester, MAC: Mandatory courses classes will be conducted in off hours (Weekends) |                  |                                                                 |                                                                            |     |             |      |     |           |      |     |             |              |              |       |  |  |               |

MST: Minumuntwomidsemestertests to be conducted during Semester, MAC: Mandatory courses classes will be conducted in off hours (Weekends)

|     |                                    |            |
|-----|------------------------------------|------------|
| ILC | Internship-I(60Hrs)Institute Level | Non-Credit |
| HEC | NSS/NCC/NSO                        | Non-Credit |

**Abbreviations:**

ES -End Semester, MS- Mid Semester, LW- Laboratory Work/Assignment (L: Lecture, T: Tutorial, P: Practical)  
Abbreviations: ES-EndSemester, MS-MidSemester, LW-LaboratoryWork, Assignment(L:lecture, T:Tutorial, P:Practical), BFC-BasicScienceCourse, ESC-EngineeringScienceCourse, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC DepartmentCourse, DE-DepartmentElective, OE-OpenElective, DLC-DepartmentalLaboratoryCourse

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**SAMRATASHOKTECHNOLOGICALINSTITUTE VIDISHA (M.P.)**  
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**Scheme of Examination (Semester-III)**

**for Batch Admitted in session-2024-25 2025-26**

**Bachelor of Technology (B.Tech.) - Information Technology (Dept. of IT)**

| Subject Code | Subject Category | Subject Name                                   | Maximum Marks Allotted                                                 |     |            |      |           |    |      |             |               |   | Contact |    |  | Total Credits |
|--------------|------------------|------------------------------------------------|------------------------------------------------------------------------|-----|------------|------|-----------|----|------|-------------|---------------|---|---------|----|--|---------------|
|              |                  |                                                | Theory                                                                 |     |            |      | Practical |    |      | Total Marks | Hrs.-per week |   |         |    |  |               |
|              |                  |                                                | ES                                                                     | MS  | Assignment | Quiz | ES        | LW | Quiz |             | L             | T | P       |    |  |               |
| MAB301       | BSC              | Discrete mathematics                           | 60                                                                     | 20  | 10         | 10   | --        | -- | --   | 100         | 3             | 0 | 0       | 4  |  |               |
| IT-302       | DC               | Communication system                           | 60                                                                     | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3             | 0 | 2       | 4  |  |               |
| IT-303       | DC               | Object-oriented Programming with Java          | 60                                                                     | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3             | 0 | 2       | 4  |  |               |
| IT-304       | DC               | Analysis and Design of Algorithms              | 60                                                                     | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3             | 0 | 2       | 4  |  |               |
| IT-305       | DC               | Computer System Organization                   | 60                                                                     | 20  | 10         | 10   | --        | -- | --   | 100         | 3             | 0 | 0       | 3  |  |               |
| IT-306       | DLC              | Internet Programming                           | --                                                                     | --  | --         | --   | 30        | 10 | 10   | 50          | 0             | 0 | 4       | 2  |  |               |
| IT-307       | ILC              | Internship-I(60Hrs)Institute Level(Evaluation) | --                                                                     | --  | --         | --   | -         | 50 | -    | 50          | -             | - | 2       | 1  |  |               |
| Total        |                  |                                                | 300                                                                    | 100 | 50         | 50   | 170       | 40 | 40   | 750         | 15            | 1 | 12      | 22 |  |               |
|              | ILC              | ExtracurricularActivities                      | It isaonecredit peryearactivitytobeendorsedin eight semestermarksheet. |     |            |      |           |    |      |             |               |   |         |    |  |               |
| MAC- 308     | MAC*             | Energy,Ecology, Environment&Society            | Grade                                                                  |     |            |      |           |    |      |             |               |   |         |    |  |               |
| HUM -309     | HEC*             | HolisticEducationCourse                        | Grade                                                                  |     |            |      |           |    |      |             |               |   |         |    |  |               |

MS: Minimum two midsemester tests are to be conducted during Semester (L-Lecture, T-Tutorial, P-Practical)

MST: Minimum two midsemester tests to be conducted during Semester \*MAC and HEC courses classes will be conducted in off hours (Weekends)

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L-lecture, T-Tutorial, P-Practical), BFC-Basic Science Course, ESC-Engineering Science Course, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC-Departmental Course, Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course

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**Scheme of Examination (Semester-IV)**

**for Batch Admitted in session-2024-25 2025-26**

**Bachelor of Technology (B.Tech.) - Information Technology (Dept. of IT)**

| Subject Code | Subject Category | Subject Name                  | Maximum Marks Allotted                                                                                                      |     |            |      |           |    |      |             |    |   | Contact Hrs. per week |    |  | Total Credits |
|--------------|------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----|------------|------|-----------|----|------|-------------|----|---|-----------------------|----|--|---------------|
|              |                  |                               | Theory                                                                                                                      |     |            |      | Practical |    |      | Total Marks | L  | T | P                     |    |  |               |
|              |                  |                               | ES                                                                                                                          | MS  | Assignment | Quiz | ES        | LW | Quiz |             |    |   |                       |    |  |               |
| IT-401       | DC               | Computer Network              | 60                                                                                                                          | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0 | 2                     | 4  |  |               |
| IT-402       | DC               | Database Management System    | 60                                                                                                                          | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0 | 2                     | 4  |  |               |
| IT-403       | DC               | Automata and Compiler Design  | 60                                                                                                                          | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0 | 2                     | 4  |  |               |
| IT-404       | DC               | Software Engineering          | 60                                                                                                                          | 20  | 10         | 10   | --        | -- | --   | 100         | 3  | 1 | 0                     | 4  |  |               |
| IT-405       | DC               | Information Theory and Coding | 60                                                                                                                          | 20  | 10         | 10   | --        | -- | --   | 100         | 3  | 1 | 0                     | 4  |  |               |
| IT-406       | DL               | Advance Java Programming      | --                                                                                                                          | --  | --         | --   | 30        | 10 | 10   | 50          | 0  | 0 | 4                     | 2  |  |               |
| Total        |                  |                               | 300                                                                                                                         | 100 | 50         | 50   | 180       | 60 | 60   | 750         | 15 | 2 | 10                    | 22 |  |               |
| ILC          |                  | Extracurricular Activities    | Based on participation in extracurricular activities, one credit per year to be endorsed in the eighth semester mark sheet. |     |            |      |           |    |      |             |    |   |                       |    |  |               |
|              |                  |                               |                                                                                                                             |     |            |      |           |    |      |             |    |   |                       |    |  |               |

MS: Minimum two midsemester tests are to be conducted during Semester, (L-Lecture, T-Tutorial, P-Practical)

MST: Minimum two midsemester tests to be conducted during Semester \*MA and HEC courses will be conducted in 10 hours (Weekends)

MS: Minimum two mid semester tests are to be conducted during Semester (L-Lecture, T-Tutorial, P-Practical)

MST: Minimum two mid semester tests to be conducted during Semester \*MA C and HEC courses classes will be conducted in off hours (Weekends)

Internship-II (90 Hrs) External/Institute Level

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28/05/2023



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**Scheme of Examination (Semester-V)**

**for Batch Admitted in session - 2025-26**

**Bachelor of Technology (B. Tech.) – Information Technology (Dept. of IT)**

| Subject Code | Subject Category | Subject Name                                           | Maximum Marks Allotted                                                             |     |            |      |           |    |      |             |    |   | Contact Hrs. per week |    |  | Total Credits |
|--------------|------------------|--------------------------------------------------------|------------------------------------------------------------------------------------|-----|------------|------|-----------|----|------|-------------|----|---|-----------------------|----|--|---------------|
|              |                  |                                                        | Theory                                                                             |     |            |      | Practical |    |      | Total Marks | L  | T | P                     |    |  |               |
|              |                  |                                                        | ES                                                                                 | MS  | Assignment | Quiz | ES        | LW | Quiz |             |    |   |                       |    |  |               |
|              |                  |                                                        |                                                                                    |     |            |      |           |    |      |             |    |   |                       |    |  |               |
| IT-501       | DC               | Mobile Application Development                         | 60                                                                                 | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0 | 2                     | 4  |  |               |
| IT-502       | DC               | Wireless & Mobile Computing                            | 60                                                                                 | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0 | 2                     | 4  |  |               |
| IT-503       | DC               | Artificial Intelligence                                | 60                                                                                 | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0 | 2                     | 4  |  |               |
| IT-504       | DE               | DE-I                                                   | 60                                                                                 | 20  | 10         | 10   | --        | -- | --   | 100         | 3  | 0 | 0                     | 3  |  |               |
| IT-505       | OE               | OE-I                                                   | 60                                                                                 | 20  | 10         | 10   | --        | -- | --   | 100         | 3  | 0 | 0                     | 3  |  |               |
| IT-506       | DLC              | IT Workshop (Matlab/Scilab)                            | --                                                                                 | --  | --         | --   | 30        | 10 | 10   | 50          | 0  | 0 | 4                     | 2  |  |               |
| IT-507       | ILC              | Internship-II<br>(60 Hrs) Institute Level (Evaluation) | --                                                                                 | --  | --         | --   | 50        | -- | --   | 50          | -  | - | 4                     | 2  |  |               |
| Total        |                  |                                                        | 300                                                                                | 100 | 50         | 50   | 170       | 40 | 40   | 750         | 15 | 0 | 14                    | 22 |  |               |
| IT-508       | ILC              | Extracurricular Activities                             | It is a one credit per year activity to be endorsed in eight semester marks sheet. |     |            |      |           |    |      |             |    |   |                       |    |  |               |

|   | DE-1                        | OE-1                             |
|---|-----------------------------|----------------------------------|
| A | Blockchain Technology       | Mobile Application Development   |
| B | Digital Image Processing    | Analog and Digital Communication |
| C | Natural Language Processing | Communication System             |

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28/05/2025



**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)**  
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Scheme of Examination (Semester-VI)

for Batch Admitted in session - 2025-26

Bachelor of Technology (B. Tech.) – Information Technology (Dept. of IT)

| Subject Code | Subject Category | Subject Name                | Maximum Marks Allotted                                                    |     |            |      |           |    |      |             |    | Contact Hrs. per week |    |    | Total Credits |
|--------------|------------------|-----------------------------|---------------------------------------------------------------------------|-----|------------|------|-----------|----|------|-------------|----|-----------------------|----|----|---------------|
|              |                  |                             | Theory                                                                    |     |            |      | Practical |    |      | Total Marks | L  | T                     | P  |    |               |
|              |                  |                             | ES                                                                        | MS  | Assignment | Quiz | ES        | LW | Quiz |             |    |                       |    |    |               |
| IT-601       | DC               | Data Mining and Warehousing | 60                                                                        | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0                     | 2  | 4  |               |
| IT-602       | DC               | Web Application Development | 60                                                                        | 20  | 10         | 10   | 30        | 10 | 10   | 150         | 3  | 0                     | 2  | 4  |               |
| IT-603       | DE               | DE-2                        | 60                                                                        | 20  | 10         | 10   |           |    |      | 100         | 3  | 1                     | 0  | 4  |               |
| IT-604       | DE               | DE-3                        | 60                                                                        | 20  | 10         | 10   |           |    |      | 100         | 3  | 1                     | 0  | 4  |               |
| IT-605       | OE               | OE-2                        | 60                                                                        | 20  | 10         | 10   |           |    |      | 100         | 3  | 0                     | 0  | 3  |               |
| IT-606       | DLC              | Android Programming         |                                                                           |     |            |      | 30        | 10 | 10   | 50          | 0  | 0                     | 2  | 1  |               |
| IT-607       |                  | Minor Project               |                                                                           |     |            |      | 50        | 50 |      | 100         | 0  | 0                     | 4  | 2  |               |
| Total        |                  |                             | 300                                                                       | 100 | 50         | 50   | 150       | 50 | 50   | 750         | 15 | 2                     | 10 | 22 |               |
| IT-608       | ILC              | Extracurricular Activities  | It is a one credit per year activity endorse in eight semester mark sheet |     |            |      |           |    |      |             |    |                       |    |    |               |

It is a one credit per year activity endorse in eight semester mark sheet

MST: Minimum two mid semester tests to be conducted during Semester

|   | DE -2           | DE -3                       | OE -2                       |
|---|-----------------|-----------------------------|-----------------------------|
| A | Cloud Computing | Information Security        | Web Application Development |
| B | Sensor Network  | Data Science Analytics      | Big Data Analytics          |
| C | Soft Computing  | Robotics Process Automation | Deep Learning               |

Internship-III (120 Hrs) External /Institute Level

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lecture, T:Tutorial, P:Practical), BFC-Basic Science Course, ESC-Engineering Science Course, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course

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**Scheme of Examination (Semester-VII)**

**for Batch Admitted in session - 2025-26**

**Bachelor of Technology (B. Tech.) – Information Technology**

| Subject Code                                                        | Subject Category | Subject Name                             | Maximum Marks Allotted |    |                                                                           |      |           |     |      |     | Contact Hrs. per week |   |    | Total Credits |   |
|---------------------------------------------------------------------|------------------|------------------------------------------|------------------------|----|---------------------------------------------------------------------------|------|-----------|-----|------|-----|-----------------------|---|----|---------------|---|
|                                                                     |                  |                                          | Theory                 |    |                                                                           |      | Practical |     |      |     | Total Marks           | L | T  |               | P |
|                                                                     |                  |                                          | ES                     | MS | Assignment                                                                | Quiz | ES        | LW  | Quiz |     |                       |   |    |               |   |
| IT-701                                                              | DC               | Software Testing and Quality             | 60                     | 20 | 10                                                                        | 10   | --        | --  | --   | 100 | 3                     | 0 | 0  | 03            |   |
| IT-702                                                              | DE-4             | DE-IV                                    | 60                     | 20 | 10                                                                        | 10   | --        | --  | --   | 100 | 3                     | 0 | 0  | 03            |   |
| IT-703                                                              | DE-5             | DE-V                                     | 60                     | 20 | 10                                                                        | 10   | --        | --  | --   | 100 | 3                     | 0 | 0  | 03            |   |
| IT-704                                                              | DE-6             | DE-VI                                    | 60                     | 20 | 10                                                                        | 10   | --        | --  | --   | 100 | 3                     | 0 | 0  | 03            |   |
| IT-705                                                              | PROJ             | Major Project Prelim                     | --                     | -- | --                                                                        |      | 100       | 50  | --   | 150 | 0                     | 0 | 8  | 04            |   |
| IT-706                                                              | ILC              | Internship-III (Completed in Third Year) | --                     | -- | --                                                                        |      | --        | 100 | --   | 100 | 0                     | 0 | 4  | 02            |   |
| Total                                                               |                  |                                          | 240                    | 80 | 40                                                                        | 40   | 100       | 150 | --   | 650 | 12                    | 0 | 12 | 18            |   |
| IT-707                                                              | ILC              | Extracurricular Activities               |                        |    | It is a one credit per year activity endorse in eight semester mark sheet |      |           |     |      |     |                       |   |    |               |   |
| MST: Minimum two mid semester tests to be conducted during Semester |                  |                                          |                        |    |                                                                           |      |           |     |      |     |                       |   |    |               |   |

|          |                     |                                   |                                                                 |
|----------|---------------------|-----------------------------------|-----------------------------------------------------------------|
|          | <b>DE-4</b>         | <b>DE-5</b>                       | <b>DE-6</b>                                                     |
| <b>A</b> | Distributed System  | Information and Storage Retrieval | Object Oriented System Development using UML, Java and Patterns |
| <b>B</b> | Internet Technology | Optimization Techniques           | Business Intelligence & Analytics                               |
| <b>C</b> | Computer Vision     | Pattern Recognition               | Systems and Usable Security                                     |

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lecture, T:Tutorial, P:Practical), BFC-Basic Science Course, ESC-Engineering Science Course, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course

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**Scheme of Examination (Semester-VIII)**  
**for Batch Admitted in session - 2025-26**

**Bachelor of Technology (B. Tech.) - Information Technology**

| Subject Code | Subject Category | Subject Name                                                                           | Maximum Marks Allotted                                                     |    |                  |           |          | Contact Hrs. per week |     |     | Total Credits |    |    |    |
|--------------|------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|------------------|-----------|----------|-----------------------|-----|-----|---------------|----|----|----|
|              |                  |                                                                                        | Theory                                                                     |    |                  | Practical |          | Total Marks           | L   | T   |               | P  |    |    |
|              |                  |                                                                                        | ES                                                                         | MS | Assignment/ Quiz | ES        | LW/ Quiz |                       |     |     |               |    |    |    |
| IT-801       | PROJ             | Major Project<br><a href="https://archive.nptel.ac.in">https://archive.nptel.ac.in</a> |                                                                            |    |                  | 250       | 150      |                       | 400 | 0   | 0             | 20 | 10 |    |
| IT-802       | ILC              | Extracurricular Activities                                                             | It is a one credit per year activity endorsed in eight semester mark sheet |    |                  |           | 100      | --                    |     | 100 | --            | -- | -- | 04 |
| Total        |                  |                                                                                        |                                                                            |    |                  | 350       | 150      |                       | 500 | 0   | 0             | 20 | 14 |    |

\*List of Course suggested by department (Min. of 8 weeks)

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lecture, T:Tutorial, P:Practical), BFC-Basic Science Course, ESC-Engineering Science Course, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course