



# PUNYASHLOKAHILYADEVILHOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025

SEMESTER PATTERN EXAMINATION

**REVISED FINAL PROGRAM OF THE BACHELOR OF TECHNOLOGY (B.TECH.)**

**EXAMINATIONS IN THE BRANCHES**

- |                              |                                    |                            |
|------------------------------|------------------------------------|----------------------------|
| [1] CIVIL ENGINEERING        | [2] MECHANICAL ENGINEERING         | [3] ELECTRONIC ENGINEERING |
| [4] ELECTRONICS & TELE-COMM. | [5] COMPUTER SCI & ENGG            | [6] INFORMATION TECHNOLOGY |
| [7] ELECTRICAL ENGINEERING   | [8] Electronics and Computer Engg. |                            |

**MAR./APR-2025 EXAMINATION TO BE HELD IN MAY.-2025**

- Candidates are requested to be present at their respective places of Examinations FIFTEEN MINUTES before the time starting of the first paper and TEN MINUTES before the time starting of each subsequent paper. They are forbidden to take any book or paper in to the Examination Hall.
- Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents.
- All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.
- All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.

ज्या विद्यार्थ्यांच्या जुन्या अभ्यासक्रमाप्रमाणे परीक्षा देण्याच्या संधी संपलेल्या आहेत व त्यांना आता नवीन अभ्यासक्रमाप्रमाणे समकक्ष पेपर (Equivalence subject) देणे आवश्यक आहे, अशा विद्यार्थ्यांनी नवीन अभ्यासक्रमा प्रमाणे द्यावायच्या समकक्ष विषयाची नावे व त्यांचे पेपर कोड यांचा तक्ता वेळापत्रकाच्या शेवटच्या पानावर प्रिंट करण्यात आला आहे. त्याप्रमाणे विद्यार्थ्यांनी सदर पेपर घ्यावेत.

The Written Examinations will be held at the following places:

| Sr. No. | Centre     | College Abbreviation | Place  |
|---------|------------|----------------------|--|
| 1       | Solapur    | WIT                  | Walchand Institute of Technology                                 |
| 2       |            | BMIT                 | Brahmdevdada Mane Institute of Technology                        |
| 3       |            | NBNSCOE              | N.B.Navale Sinhgad College of Engg., Kegaon                      |
| 4       | Pandharpur | COEP                 | SVERI College of Engineering, Pandharpur                         |
| 5       |            | SCOEK                | S.K.N. Sinhgad College of Engg. Korti                            |
| 6       | Akluj      | SMPIT                | S.M.Shankarrao Mohite-Patil Inst.of Tech. and Research, Akluj    |
| 7       | Barshi     | MITCORER             | MIT College of Railway Engineering and Research, Jamgaon, Barshi |

| Day & Date                            | Sr. No. | <b>F.Y. (B.Tech.) Sem – I (New w.e.f. June 2023)</b><br><b>(NEP CBCS PATTERN JUNE-2023)</b><br><b>Time:3.00 pm to 6.00 pm</b>             |
|---------------------------------------|---------|---|
| <b>Saturday</b><br><b>17/05/2025</b>  | 1       | Engineering Mathematics-I(BTCE0103) /(BTCSE0103)/<br>(BTETE0103)/ (BTEE0103)/ (BTME0103)/(BTECE0103)<br><b>Time: 10.00 am to 01.00 pm</b> |
| <b>Monday</b><br><b>19/05/2025</b>    | 2       | Engineering Mechanics (BTCE0106)/ (BTCSE0106) / (BTETE0106)/<br>(BTEE0106)/ (BTME0106)/(BTECE0106)<br><b>Time: 10.00 am to 01.00 pm</b>   |
| <b>Tuesday</b><br><b>27/05/2025</b>   | 3       | Engineering Physics / (BTCE0101)/ (BTCSE0101)/ (BTETE0101)/<br>(BTEE0101)/ (BTME0101)/ (BTECE0101)  |
| <b>Thursday</b><br><b>29/05/2025</b>  | 4       | Engineering Chemistry \$ (BTCE0102) /(BTCSE0102) / (BTETE0102)/<br>(BTEE0102)/ (BTME0102)/ (BTECE0102)                                    |
| <b>Monday</b><br><b>02/06/2025</b>    | 5       | Basics of Civil and Mechanical Engineering /(BTCE0104)/<br>(BTCSE0104) / (BTETE0104)/ (BTEE0104)/ (BTME0104)/(BTECE0104)                  |
| <b>Wednesday</b><br><b>04/06/2025</b> | 6       | Basic Electrical & Electronics Engineering (BTCE0105)<br>/ (BTCSE0105)/ (BTETE0105)/ (BTEE0105)/ (BTME0105)/(BTECE0105)                   |

| Day & Date                            | Sr. No. | <b>F.Y. (B.Tech.) Sem – II (NEW w.e.f. Nov. 2023)</b><br><b>(NEPCBCS-2023 PATTERN)</b><br><b>Time:3.00 pm to 6.00 pm</b> |
|---------------------------------------|---------|--|
| <b>Tuesday</b><br><b>27/05/2025</b>   | 7       | Engineering Physics (BTCE0201/ BTME0201/ BTETE0201/<br>BTCSE0201/ BTEE0201)/(BTECE0201)                                  |
| <b>Thursday</b><br><b>29/05/2025</b>  | 8       | Engineering Chemistry (BTCE0202/ BTME0202/ BTETE0202/<br>BTCSE0202/ BTEE0202)/ (BTECE0202)                               |
| <b>Monday</b><br><b>02/06/2025</b>    | 9       | Basics of Civil and Mechanical Engineering (BTCE0204/ BTME0204/<br>BTETE0204/ BTCSE0204/ BTEE0204)/ (BTECE0204)          |
| <b>Wednesday</b><br><b>04/06/2025</b> | 10      | Basic Electrical & Electronics Engineering (BTCE0205/ BTME0205/<br>BTETE0205/ BTCSE0205/ BTEE0205)/ (BTECE0205)          |
| <b>Friday</b><br><b>06/06/2025</b>    | 11      | Engineering Mathematics – II (BTCE0203/ BTME0203/ BTETE0203/<br>BTCSE0203/ BTEE0203)/ (BTECE0203)                        |

| Day & Date                         | Sr. No. | <b>F.Y. (B.Tech.) Sem – II (w.e.f. Nov. 2020)</b><br><b>(CBCS-2020PATTERN)</b><br><b>Time:3.00 pm to 7.00 pm</b> |
|------------------------------------|---------|--|
| <b>Monday</b><br><b>17/06/2025</b> | 636     | Engineering Graphics & CAD(BTN10206)   |

| Day & Date                            | Sr.No.                                       | <b><u>S.Y. (B.Tech. Civil Engg.) Sem – I (New w.e.f. June 2024)</u></b><br><b>(NEP CBCS 2023 PATTERN)</b><br><b>Time:03.00 Pm to 06.00 pm</b>   |
|---------------------------------------|--|---|
| <b>Saturday</b><br><b>17/05/2025</b>  | 12   | Structural Mechanics –I (CIVPCC-01)   |
| <b>Monday</b><br><b>19/05/2025</b>    | 13   | Fluid Mechanics and Machines (CIVPCC-02)  |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 14   | Surveying and Geomatics (CIVPCC-03)   |
| <b>Wednesday</b><br><b>21/05/2025</b> | 15<br>16<br>17<br>18<br>19<br>20             | Open Elective-I<br>OE-01A: Advanced Mathematics and Statistics (OE-01A)<br>2. OE-01B Digital Marketing and E- Commerce (OE-01B)<br>3. OE-01C Humanities and Social Sciences (OE-01C)<br>4. OE-01D Industrial and Quality Management (OE-01D)<br>5. OE-01E Mathematics for Software and Hardware (OE-01E)<br>6. OE-01F Soft Skills and Personality Development (OE-01F)  |
| <b>Thursday</b><br><b>22/05/2025</b>  | 21<br>22<br>23<br>24<br>25<br>26<br>27<br>28 | <b>Multidisciplinary Minor I</b><br><b>Mechanical Engineering:</b><br>1)Fundamentals of Material science and Engineering (MECHMDM-01A)<br>OR<br>2)Industrial Management (MECHMDM-01B)<br><b>Electronics and Telecommunication Engineering:</b><br>1)Digital Techniques (ENTMDM-01A)<br>OR<br>2)Sensor Technology (ENTMDM-01B)<br><b>Computer Science and Engineering:</b><br>1)Programming basics using Python (CSEMDM-01A)<br>OR<br>2)Software Engineering (CSEMDM-01B)<br><b>Electrical Engineering:</b><br>1)Electrical Technology (EEMDM-01A)<br>OR<br>2)Basics of Electrical Vehicle (EEMDM-01B) |
| <b>Friday</b><br><b>23/05/2025</b>    | 29<br>30<br>31<br>32                         | <b>Honors</b><br>1) Environmental Laws and Impact Assessment(CIVHON-01C)<br>OR<br>2) Applications of Information Technology and Information systems(CIVHON-01B)<br>OR<br>3) Design Thinking (CIVHON-01A)<br>OR<br>4) Railway Track Structure (CIVHON-01D)   |
| <b>Saturday</b><br><b>24/05/2025</b>  | 33   | Universal Human Values (VEC-01)<br>MCQ paper(1.5 hour i.e. 90 mint.)  |

| Day & Date                            | Sr.No. | <b>S.Y. (B.Tech.) (Civil Engg.) Sem – I(w.e.f. June 2021-22)</b><br><b>(CBCS 2020 PATTERN) (Old up to MAR.-2025)</b><br><b>Time: 03.00 Pm to 06.00 pm</b> |
|---------------------------------------|--------|---|
| <b>Saturday</b><br><b>17/05/2025</b>  | 34     | Surveying & Geomatics (BTN01301)  |
| <b>Monday</b><br><b>19/05/2025</b>    | 35     | Fluid Mechanics and Fluid Machines (BTN01302)   |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 36     | Concrete Technology, Material Testing & Evaluation (BTN01303)   |
| <b>Wednesday</b><br><b>21/05/2025</b> | 37     | Structural Mechanics-I(BTN01305)  |
| <b>Thursday</b><br><b>22/05/2025</b>  | 38     | Building Construction & Drawing (BTN01304) 4 hrs<br><b>Time: 03.00 pm to 07.00 pm</b>   |

| Day&Date                              | Sr. No.                                | <b>S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Nov. 2024)</b><br><b>(CBCS PATTERN 2023)</b><br><b>Time:10.00 am to 1.00 pm</b>  |
|---------------------------------------|--|---|
| <b>Monday</b><br><b>26/05/2025</b>    | 39                                     | Structural Mechanics-II (CIVPCC-04)   |
| <b>Wednesday</b><br><b>28/05/2025</b> | 40                                     | Building and Infrastructure Planning (CIVPCC-05)  |
| <b>Friday</b><br><b>30/05/2025</b>    | 41                                     | Environmental Engineering (CIVPCC-06)   |
| <b>Tuesday</b><br><b>03/06/2025</b>   | 42<br>43<br>44<br>45<br>46<br>47<br>48 | <b>Open Elective-II</b><br>1. Entrepreneurship and Innovation (OE-02A)<br>2. Environmental Sustainability (OE-02B)<br>3. Renewable Energy (OE-02C)<br>4. Measurement, Instrumentation and Sensors (OE-02D)<br>5. Operation Research (OE-02E)<br>6. Computational Mathematics (OE-02F)<br>7. Professional Business Communication (OE-02G)  |
| <b>Thursday</b><br><b>05/06/2025</b>  | 49<br>50<br>101<br>102<br>214<br>215   | <b>Multidisciplinary Minor II</b><br><b>Civil Engineering:</b><br>1) Entrepreneurship, Leadership and Management (CIVMDM-02A)<br>OR<br>2) Urban Planning and Design (CIVMDM-02B)<br><b>Mechanical Engineering:</b><br>1) Materials for Technolgy Development (MECHMDM-02A)<br>OR<br>2) Production and Operation Management (MECHMDM-02B)<br><b>Electronics and Telecommunication Engineering:</b><br>1) Microcontroller (ENTMDN-02A)<br>OR<br>2) Fundamentals of IOT (ENTMDN-02A)<br><b>Computer Science and Engineering:</b> |

|                                 |            |   |
|---------------------------------|------------|---|
|                                 | 165        | 1) Data Pre-processing & Visualization (CSEMDM-02A)<br>OR   |
|                                 | 166        | 2) Software Testing & Quality Assurance (CSEMDM-02B)  |
|                                 | 278        | <b>Electrical Engineering:</b>  |
|                                 | 279        | 1) Advanced application in renewable Energy (EEMDM-02A)<br>OR<br>2) Electrical Vehicle Motors (EEMDM-02B) |
| <b>Monday<br/>09/06/2025</b>    | 51         | <b>Honors</b><br>1) Managing Innovation and Entrepreneurship (CIVHON-02A)<br>OR                           |
|                                 | 52         | 2) Planning and Design of Rural Roads (CIVHON-02B)<br>OR  |
|                                 | 53         | 3) Construction Materials: Sustainability and Usability (CIVHON-02C)<br>OR                                |
|                                 | 54         | 4) Elevated structures in Railway (CIVHON-02D)  |
| <b>Wednesday<br/>11/06/2025</b> | <b>631</b> | <b>Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.)</b><br><b>Time:10.00 am to 11.30 am</b> |

| <b>Day&amp;Date</b>             | <b>Sr. No.</b> | <b><u>S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Oct 2021-22)</u></b><br><b><u>(CBCS 2020 PATTERN) (Old up to OCT-2025)</u></b><br><b>Time:10.00 am to 1.00 pm</b> |
|---------------------------------|----------------|---|
| <b>Monday<br/>26/05/2025</b>    | 55             | Environmental Engineering-I(BTN01401)   |
| <b>Wednesday<br/>28/05/2025</b> | 56             | Building Planning &Design (BTN01402)  |
| <b>Friday<br/>30/05/2025</b>    | 57             | Structural Mechanics-II(BTN01403)   |
| <b>Tuesday<br/>03/06/2025</b>   | 58             | Engineering Geology(BTN01405)   |
| <b>Thursday<br/>05/06/2025</b>  | 59             | Engineering Mathematics-III(BTN01404)   |
| <b>Monday<br/>09/06/2025</b>    | 60             | Environmental Laws and Impact Assessment (BTN01407)<br>OR   |
|                                 | 61             | Applications of Information Technology and Information systems(BTN01408)<br>OR  |
|                                 | 62             | Design Thinking (BTN01409)<br>OR  |
|                                 | 63             | Disaster Management(BTN01410)   |

| Day & Date                            | Sr.No.                                       | <b>S.Y. (B.Tech. Mech. Engg.) Sem – I (New w.e.f. June 2024)</b><br><b>(NEP CBCS 2023 PATTERN)</b><br><b>Time:03.00 Pm to 06.00 pm</b>   |
|---------------------------------------|--|--|
| <b>Saturday</b><br><b>17/05/2025</b>  | 64   | Applied Thermodynamics (MECHPCC-01)  |
| <b>Monday</b><br><b>19/05/2025</b>    | 65   | Manufacturing Processes (MECHPCC-02)   |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 66   | Mechanics of Materials (MECHPCC-03)  |
| <b>Wednesday</b><br><b>21/05/2025</b> | 67<br>68<br>69<br>70<br>71<br>72             | <b>Open Elective-I</b><br>1. OE-01A: Advanced Mathematics and Statistics (OE-01A)<br>2. OE-01B Digital Marketing and E- Commerce (OE-01B)<br>3. OE-01C Humanities and Social Sciences (OE-01C)<br>4. OE-01D Industrial and Quality Management (OE-01D)<br>5. OE-01E Mathematics for Software and Hardware (OE-01E)<br>6. OE-01F Soft Skills and Personality Development (OE-01F)   |
| <b>Thursday</b><br><b>22/05/2025</b>  | 73<br>74<br>75<br>76<br>77<br>78<br>79<br>80 | <b>Multidisciplinary Minor I</b><br><b>Civil Engineering:</b><br>1)Design Thinking: Business Innovation Framework (CIVMDM-01A)<br>OR<br>2)Introduction to Geographic Information System (CIVMDM-01B)<br><b>Electronics and Telecommunication Engineering:</b><br>1)Digital Techniques (ENTMDM-01A)<br>OR<br>2)Sensor Technology (ENTMDM-01B)<br><b>Computer Science and Engineering:</b><br>1)Programming basics using Python (CSEMDM-01A)<br>OR<br>2)Software Engineering (CSEMDM-01B)<br><b>Electrical Engineering:</b><br>1)Electrical Technology (EEMDM-01A)<br>OR<br>2)Basics of Electrical Vehicle (EEMDM-01B) |
| <b>Friday</b><br><b>23/05/2025</b>    | 81<br>82                                     | <b>Honors</b><br>Industrial Robotics (MechHon-01A)<br>OR<br>Introduction to Automobile Engineering (MechHon-01B)   |
| <b>Saturday</b><br><b>24/05/2025</b>  | 83   | Universal Human Values (VEC-01)<br>MCQ paper (1.5 hour i.e. 90 mint.)  |

| Day & Date                            | Sr.No. | <b>S.Y.(B.Tech.)(Mechanical Engg.) Sem-I (w.e.f.June 2021)</b><br><b>(CBCS 2020 PATTERN) (Old up to MAR.-2025)</b><br><b>Time:03.00 pm to 06.00 pm</b> |
|---------------------------------------|--------|--|
| <b>Saturday</b><br><b>17/05/2025</b>  | 84     | Applied Thermodynamics(BTN02301)   |
| <b>Monday</b><br><b>19/05/2025</b>    | 85     | Mechanics of Materials (BTN02302)  |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 86     | Manufacturing Processes(BTN02303)  |
| <b>Wednesday</b><br><b>21/05/2025</b> | 87     | Machine Drawing & CAD(BTN02304)  |

|                                      |                |  |
|--------------------------------------|----------------|--|
| <b>Thursday</b><br><b>22/05/2025</b> | 88<br>89<br>90 | <b>Professional Elective-I</b><br>a) Microprocess in Automations(BTN02305)<br>b) Internal Combustion Engines(BTN02306)<br>c) Composite Material (BTN02307) |
|--------------------------------------|----------------|--|

| <b>Day&amp;Date</b>                   | <b>Sr. No.</b>   | <b>S.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov 2024)</b><br><b>(CBCS PATTERN 2023)</b><br><b>Time:10.00 am to 1.00 pm</b>   |
|---------------------------------------|--|--|
| <b>Monday</b><br><b>26/05/2025</b>    | 91   | Kinematics and Theory of Machine (MECHPCC-04)  |
| <b>Wednesday</b><br><b>28/05/2025</b> | 92   | Machine Drawing (MECHPCC-05)   |
| <b>Friday</b><br><b>30/05/2025</b>    | 93   | Fluid mechanics and Fluid Machines (MECHPCC-06)  |
| <b>Tuesday</b><br><b>03/06/2025</b>   | 94<br>95<br>96<br>97<br>98<br>99<br>100  | <b>Open Elective-II</b><br>1. Entrepreneurship and Innovation (OE-02A)<br>2. Environmental Sustainability (OE-02B)<br>3. Renewable Energy (OE-02C)<br>4. Measurement, Instrumentation and Sensors (OE-02D)<br>5. Operation Research (OE-02E)<br>6. Computational Mathematics (OE-02F)<br>7. Professional Business Communication (OE-02G)   |
| <b>Thursday</b><br><b>05/06/2025</b>  | 49<br><br>50<br><br>101<br><br>102<br><br>214<br><br>215<br><br>165<br><br>166<br><br>278<br><br>279 | <b>Multidisciplinary Minor II</b><br><b>Civil Engineering:</b><br>1) Entrepreneurship, Leadership and Management (CIVMDM-02A)<br>OR<br>2) Urban Planning and Design (CIVMDM-02B)<br><b>Mechanical Engineering:</b><br>1) Materials for Technology Development (MECHMDM-02A)<br>OR<br>2) Production and Operation Management (MECHMDM-02B)<br><b>Electronics and Telecommunication Engineering:</b><br>1) Microcontroller (ENTMDN-02A)<br>OR<br>2) Fundamentals of IOT (ENTMDN-02A)<br><b>Computer Science and Engineering:</b><br>1) Data Pre-processing & Visualization (CSEMDM-02A)<br>OR<br>2) Software Testing & Quality Assurance (CSEMDM-02B)<br><b>Electrical Engineering:</b><br>1) Advanced application in renewable Energy (EEMDM-02A)<br>OR<br>2) Electrical Vehicle Motors (EEMDM-02B) |
| <b>Monday</b><br><b>09/06/2025</b>    | 103<br><br>104   | <b>Honors</b><br>Machine Vision (MechHon-02A)<br>OR<br>Introduction to Electric and Hybrid Vehicles (MechHon-02B)  |
| <b>Wednesday</b><br><b>11/06/2025</b> | <b>632</b>   | <b>Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.)</b><br><b>Time:10.00 am to 11.30 am</b>  |

| Day&Date                | Sr. No.                              | <b><u>S.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov 2021)</u></b><br><b>(CBCS 2020 PATTERN) (Old up to OCT-2025)</b><br><b>Time:10.00 am to 1.00 pm</b>                        |
|-------------------------|--------------------------------------|---|
| Monday<br>26/05/2025    | 105                                  | Engineering Mathematics–III(BTN02401)   |
| Wednesday<br>28/05/2025 | 106                                  | Manufacturing Technology(BTN02402)  |
| Friday<br>30/05/2025    | 107                                  | Fluid Mechanics & Fluid Machines(BTN02403)  |
| Tuesday<br>03/06/2025   | 108                                  | Kinematics & Theory of Machines(BTN02404)   |
| Thursday<br>05/06/2025  | 109<br>110<br>111                    | <b>Professional Elective-II</b><br>A. Mechatronic Systems(BTN02408)<br>B. Power Plant And Energy Engineering(BTN02409)<br>C. Solid Mechanics(BTN02410)                                |
| Monday<br>09/06/2025    | 112<br><br>113<br><br>114<br><br>115 | Industrial Robotics (BTN02411)<br>OR<br>Introduction to 3D Printing (BTN02412)<br>OR<br>Renewable Energy Sources (BTN02413)<br>OR<br>Introduction to Automobile Engineering(BTN02414) |

| Day&Date                | Sr. No. | <b><u>S.Y.(B.Tech.)(Electronics Engg.)Sem-I (w.e.f.June 2021)</u></b><br><b>(CBCS 2020 PATTERN) (Old up to MAR-2025)</b><br><b>Time: 03.00 pm to 06.00 pm</b> |
|-------------------------|---------|---|
| Saturday<br>17/05/2025  | 116     | Engineering Mathematics– III(BTN04301)  |
| Monday<br>19/05/2025    | 117     | Network Theory and Analysis (BTN04303)  |
| Tuesday<br>20/05/2025   | 118     | Electrical Machines (BTN04304)  |
| Wednesday<br>21/05/2025 | 119     | Digital Techniques (BTN04305)   |
| Thursday<br>22/05/2025  | 120     | Electronic Circuit Analysis and Design (BTN04302)   |



| Day& Date                             | Sr. No. | <b>S.Y.(B.Tech.) (Electronics Engg.)Sem-II (New w.e.f.Nov. 2024)</b><br><b>(CBCS PATTERN 2023)</b><br><b>Time:10.00 am to 1.00 pm</b> |
|---------------------------------------|---------|---|
| <b>Monday</b><br><b>26/05/2025</b>    | 121     | Signals& Systems (BTN04401)   |
| <b>Wednesday</b><br><b>28/05/2025</b> | 122     | Control Systems (BTN04402)  |
| <b>Friday</b><br><b>30/05/2025</b>    | 123     | Data Structures and Algorithms (BTN04405)   |
| <b>Tuesday</b><br><b>03/06/2025</b>   | 124     | Analog Integrated Circuits (BTN04403)   |
| <b>Thursday</b><br><b>05/06/2025</b>  | 125     | Analog Communication (BTN04404)   |
| <b>Monday</b><br><b>09/06/2025</b>    | 126     | Computational Statistics (BTN04407)<br>OR   |
|                                       | 127     | Database Management Systems (BTN04408)<br>OR  |
|                                       | 128     | Fundamentals of IOT(BTN04409)   |

| Day & Date                            | Sr.No.   | <b>S.Y. (B.Tech. Computer Science &amp; Engg.) Sem – I</b><br><b>(New w.e.f. June 2024) (NEP CBCS 2023 PATTERN)</b><br><b>Time: 03.00 pm to 06.00 pm</b>   |
|---------------------------------------|--|--|
| <b>Saturday</b><br><b>17/05/2025</b>  | 129  | Discrete Mathematical Structure (CSEPCC-01)  |
| <b>Monday</b><br><b>19/05/2025</b>    | 130  | Computer Graphics (CSEPCC-02)  |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 131  | Data Structure (CSEPCC-03)   |
| <b>Wednesday</b><br><b>21/05/2025</b> | 132<br>133<br>134<br>135<br>136<br>137               | <b>Open Elective-I</b><br>OE-01A: Advanced Mathematics and Statistics (OE-01A)<br>2. OE-01B Digital Marketing and E- Commerce (OE-01B)<br>3. OE-01C Humanities and Social Sciences (OE-01C)<br>4. OE-01D Industrial and Quality Management (OE-01D)<br>5. OE-01E Mathematics for Software and Hardware (OE-01E)<br>6. OE-01F Soft Skills and Personality Development (OE-01F)  |
| <b>Thursday</b><br><b>22/05/2025</b>  | 138<br>139<br>140<br>141<br>142<br>143<br>144<br>145 | <b>Multidisciplinary Minor I</b><br><b>Civil Engineering:</b><br>Design Thinking: Business Innovation Framework (CIVMDM-01A)<br>OR<br>Introduction to Geographic Information System (CIVMDM-01B)<br><b>Mechanical Engineering:</b><br>1)Fundamentals of Material science and Engineering (MECHMDM-01A)<br>OR<br>2)Industrial Management (MECHMDM-01B)<br><b>Electronics and Telecommunication Engineering:</b><br>Digital Techniques (ENTMDM-01A)<br>OR<br>Sensor Technology (ENTMDM-01B)<br><b>Electrical Engineering:</b><br>1)Electrical Technology (EEMDM-01A)<br>OR<br>2)Basics of Electrical Vehicle (EEMDM-01B) |
| <b>Friday</b><br><b>23/05/2025</b>    | 146<br>147<br>148                                    | <b>Honors</b><br>Machine Learning (CSEHON-01A)<br>OR<br>Cryptography (CSEHON-01B)<br>OR<br>Mathematics for Data Science (CSEHON-01C)   |
| <b>Saturday</b><br><b>24/05/2025</b>  | 149  | Universal Human Values (VEC-01)<br>MCQ paper (1.5 hour i.e. 90 mint.)  |

| Day& Date               | Sr. No. | <u>S.Y.(B.Tech.)(Computer Science&amp;Engg.) Sem-I (w.e.f.June2021)</u><br><b>(CBCS 2020 PATTERN) (Old up to MAR.2025)</b><br><b>Time: 030.00 pm to 06.00 pm</b> |
|-------------------------|---------|--|
| Saturday<br>17/05/2025  | 150     | Applied Mathematics-I(BTN03301)  |
| Monday<br>19/05/2025    | 151     | Discrete Mathematical Structures(BTN03302)   |
| Tuesday<br>20/05/2025   | 152     | Data Structures(BTN03303)  |
| Wednesday<br>21/05/2025 | 153     | Computer Graphics(BTN03304)  |
| Thursday<br>22/05/2025  | 154     | Microprocessors( BTN03305)   |

| Day& Date               | Sr. No.  | <u>S.Y.(B.Tech.)(Computer Science &amp; Engg.)Sem- II (New w.e.f.Nov.2024)</u><br><b>(CBCS PATTERN 2023)</b><br><b>Time:10.00 am to 1.00 pm</b>  |
|-------------------------|--|--|
| Monday<br>26/05/2025    | 155  | Computer Organization and Architecture (CSEPCC-04)   |
| Wednesday<br>28/05/2025 | 156  | Theory of Computation (CSEPCC-05)  |
| Friday<br>30/05/2025    | 157  | Computer Networks (CSEPCC-06)  |
| Tuesday<br>03/06/2025   | 158<br>159<br>160<br>161<br>162<br>163<br>164                    | Open Elective-II<br>1. Entrepreneurship and Innovation (OE-02A)<br>2. Environmental Sustainability (OE-02B)<br>3. Renewable Energy (OE-02C)<br>4. Measurement, Instrumentation and Sensors (OE-02D)<br>5. Operation Research (OE-02E)<br>6. Computational Mathematics (OE-02F)<br>7. Professional Business Communication (OE-02G)  |
| Thursday<br>05/06/2025  | 49<br>50<br>101<br>102<br>214<br>215<br>165<br>166<br>278<br>279 | <b>Multidisciplinary Minor II</b><br><b>Civil Engineering:</b><br>1) Entrepreneurship, Leadership and Management (CIVMDM-02A)<br>OR<br>2) Urban Planning and Design (CIVMDM-02B)<br><b>Mechanical Engineering:</b><br>1) Materials for Technology Development (MECHMDM-02A)<br>OR<br>2) Production and Operation Management (MECHMDM-02B)<br><b>Electronics and Telecommunication Engineering:</b><br>1) Microcontroller (ENTMDN-02A)<br>OR<br>2) Fundamentals of IOT (ENTMDN-02A)<br><b>Computer Science and Engineering:</b><br>1) Data Pre-processing & Visualization (CSEMDM-02A)<br>OR<br>2) Software Testing & Quality Assurance (CSEMDM-02B)<br><b>Electrical Engineering:</b><br>1) Advanced application in renewable Energy (EEMDM-02A)<br>OR<br>2) Electrical Vehicle Motors (EEMDM-02B) |

|                                 |                   |  |
|---------------------------------|-------------------|--|
|                                 |                   |  |
| <b>Monday<br/>09/06/2025</b>    | 167<br>168<br>169 | <b>Honors</b><br>Reinforcement Learning (CSEHON-02A)<br>OR<br>Network Security and Secure Coding (CSEHON-02B)<br>OR<br>Data Pre-processing& Visualization (CSEHON-02C) |
| <b>Wednesday<br/>11/06/2025</b> | <b>633</b>        | <b>Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.)</b><br><b>Time:10.00 am to 11.30 am</b>  |

| <b>Day&amp; Date</b>            | <b>Sr.<br/>No.</b> | <b>S.Y.(B.Tech.)(Computer Science &amp; Engg.)Sem– II (New w.e.f.Oct.2021)<br/>(CBCS 2020 PATTERN) (Old up to OCT-2025)<br/>Time:10.00 am to 1.00 pm</b> |
|---------------------------------|--------------------|--|
| <b>Monday<br/>26/05/2025</b>    | 170                | Theory of Computation(BTN03402)  |
| <b>Wednesday<br/>28/05/2025</b> | 171                | Computer Organization and Architecture(BTN03403)   |
| <b>Friday<br/>30/05/2025</b>    | 172                | Computer Networks(BTN03404)  |
| <b>Tuesday<br/>03/06/2025</b>   | 173                | Applied Mathematics-II(BTN03401)   |
| <b>Thursday<br/>05/06/2025</b>  | 174                | Machine Learning (BTN03406)  |
|                                 | 175                | OR<br>Mathematics for Data Science (BTN03407 )   |
|                                 | 176                | OR<br>Cryptography(BTN04410)   |

| Day & Date                            | Sr.No.   | <b><u>S.Y. (B.Tech. Electronics &amp; Telecommunication Engg.)</u></b><br><b><u>Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN)</u></b><br><b>Time: 03.00 pm to 06.00 pm</b>   |
|---------------------------------------|--|---|
| <b>Saturday</b><br><b>17/05/2025</b>  | 177  | Network Theory Analysis (ENTPCC-01)   |
| <b>Monday</b><br><b>19/05/2025</b>    | 178  | Electronics Circuit Analysis & Design (ENTPCC-02)   |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 179  | Analog and Digital Communication (ENTPCC-03)  |
| <b>Wednesday</b><br><b>21/05/2025</b> | 180<br>181<br>182<br>183<br>184<br>185               | Open Elective-I<br>OE-01A: Advanced Mathematics and Statistics (OE-01A)<br>2. OE-01B Digital Marketing and E- Commerce (OE-01B)<br>3. OE-01C Humanities and Social Sciences (OE-01C)<br>4. OE-01D Industrial and Quality Management (OE-01D)<br>5. OE-01E Mathematics for Software and Hardware (OE-01E)<br>6. OE-01F Soft Skills and Personality Development (OE-01F)  |
| <b>Thursday</b><br><b>22/05/2025</b>  | 186<br>187<br>188<br>189<br>190<br>191<br>192<br>193 | <b>Multidisciplinary Minor I</b><br><b>Civil Engineering:</b><br>Design Thinking: Business Innovation Framework (CIVMDM-01A)<br>OR<br>Introduction to Geographic Information System (CIVMDM-01B)<br><b>Mechanical Engineering:</b><br>1)Fundamentals of Material science and Engineering (MECHMDM-01A)<br>OR<br>2)Industrial Management (MECHMDM-01B)<br><b>Computer Science and Engineering:</b><br>1)Programming basics using Python (CSEMDM-01A)<br>OR<br>2)Software Engineering (CSEMDM-01B)<br><b>Electrical Engineering:</b><br>1)Electrical Technology (EEMDM-01A)<br>OR<br>2)Basics of Electrical Vehicle (EEMDM-01B) |
| <b>Friday</b><br><b>23/05/2025</b>    | 194<br>195<br>196                                    | <b>Honors</b><br>Computational Statistics (ENTHON-01A)<br>OR<br>Database Management System (ENTHON-01B)<br>OR<br>Railway Engineering: A Beginner's Perspective (ENTHON-01D )  |
| <b>Saturday</b><br><b>24/05/2025</b>  | 197  | Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)  |

| Day&Date                | Sr. No. | <b>S.Y. (B.Tech.) (Electronics &amp; Telecommunication Engineering &amp; Engg.) Sem-I (w.e.f. June 2021)</b><br><b>(CBCS 2020 PATTERN) (Old up to MAR-2025)</b><br><b>Time: 03.00 pm to 06.00 pm</b> |
|-------------------------|---------|--|
| Saturday<br>17/05/2025  | 199     | Engineering Mathematics–III(BTN06301)  |
| Monday<br>19/05/2025    | 200     | Electronic Circuit Analysis and Design(BTN06302)   |
| Tuesday<br>20/05/2025   | 201     | Network Theory and Analysis ( BTN06303)  |
| Wednesday<br>21/05/2025 | 202     | Digital Techniques(BTN06304)   |
| Thursday<br>22/05/2025  | 203     | Analog Communication(BTN06305)   |

| Day & Date              | Sr.No.   | <b>S.Y. (B.Tech. Electronics &amp; Telecommunication Engg.) NEW</b><br><b>Sem – II (New w.e.f. June 2024) (NEP CBCS PATTERN 2023)</b><br><b>Time:10.00 am to 1.00 pm</b>   |
|-------------------------|--|--|
| Monday<br>26/05/2025    | 204  | Signals and Systems (ENTPCC-04)  |
| Wednesday<br>28/05/2025 | 205  | Control System (ENTPCC-05)   |
| Friday<br>30/05/2025    | 206  | Analog Integrated Circuits (ENTPCC-06)   |
| Tuesday<br>03/06/2025   | 207<br>208<br>209<br>210<br>211<br>212<br>213                    | <b>Open Elective-II</b><br>1. Entrepreneurship and Innovation (OE-02A)<br>2. Environmental Sustainability (OE-02B)<br>3. Renewable Energy (OE-02C)<br>4. Measurement, Instrumentation and Sensors (OE-02D)<br>5. Operation Research (OE-02E)<br>6. Computational Mathematics (OE-02F)<br>7. Professional Business Communication (OE-02G)   |
| Thursday<br>05/06/2025  | 49<br>50<br>101<br>102<br>214<br>215<br>165<br>166<br>278<br>279 | <b>Multidisciplinary Minor II</b><br><b>Civil Engineering:</b><br>1) Entrepreneurship, Leadership and Management (CIVMDM-02A)<br>OR<br>2) Urban Planning and Design (CIVMDM-02B)<br><b>Mechanical Engineering:</b><br>1) Materials for Technology Development (MECHMDM-02A)<br>OR<br>2) Production and Operation Management (MECHMDM-02B)<br><b>Electronics and Telecommunication Engineering:</b><br>1) Microcontroller (ENTMDN-02A)<br>OR<br>2) Fundamentals of IOT (ENTMDN-02B)<br><b>Computer Science and Engineering:</b><br>1) Data Pre-processing & Visualization (CSEMDM-02A)<br>OR<br>2) Software Testing & Quality Assurance (CSEMDM-02B)<br><b>Electrical Engineering:</b><br>1) Advanced application in renewable Energy (EEMDM-02A)<br>OR<br>2) Electrical Vehicle Motors (EEMDM-02B) |

|                                       |            |   |
|---------------------------------------|------------|---|
| <b>Monday</b><br><b>09/06/2025</b>    | 216        | <b>Honors</b><br>Artificial Intelligence (ENTHON-02A)<br>OR   |
|                                       | 217        | Machine Learning (ENTHON-02B)<br>OR   |
|                                       | 218        | Industrial IoT (ENTHON-02C)<br>OR   |
|                                       | 219        | Data Communication and Signaling in Railway(ENTHON-02D)   |
|                                       |            |   |
| <b>Wednesday</b><br><b>11/06/2025</b> | <b>634</b> | <b>Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.)</b><br><b>Time:10.00 am to 11.30 am</b> |

| <b>Day&amp;Date</b>                   | <b>Sr. No.</b> | <b>S.Y. (B.Tech.) (Electronics &amp; Telecommunication Engineering &amp; Engg.)Sem-II (New w.e.f.June 2021) (CBCS PATTERN 2023) (Old up to OCT-2025) Time:10.00 am to 1.00 pm</b> |
|---------------------------------------|----------------|---|
| <b>Monday</b><br><b>26/05/2025</b>    | 220            | Control System(BTN06401)  |
| <b>Wednesday</b><br><b>28/05/2025</b> | 221            | Analog Integrated Circuits(BTN06402)  |
| <b>Friday</b><br><b>30/05/2025</b>    | 222            | Principles of Digital Communication (BTN06403)  |
| <b>Tuesday</b><br><b>03/06/2025</b>   | 223            | Signals and Systems(BTN06404)   |
| <b>Thursday</b><br><b>05/06/2025</b>  | 224            | Data Structures(BTN06405)   |
| <b>Monday</b><br><b>09/06/2025</b>    | 225            | Computational Statistics(BTN04407)<br>OR  |
|                                       | 226            | Database Management Systems(BTN04408)<br>OR   |
|                                       | 227            | Fundamentals of IOT(BTN04409)<br>OR   |
|                                       | 228            | Cryptography(BTN04410)<br>OR  |
|                                       | 229            | Railway Engineering: A Beginner's Perspective (BTN04411)  |

| <b>Day&amp;Date</b>                   | <b>Sr. No.</b> | <b>S.Y.(B.Tech.) (Information Technology)Sem-I(w.e.f.June2021) (CBCSPATTERNJUNE-2020) (Old up to MAR-2025) Time: 03.00 pm to 06.00 pm</b> |
|---------------------------------------|----------------|---|
| <b>Saturday</b><br><b>17/05/2025</b>  | 230            | Applied Mathematics-I(BTN05301)   |
| <b>Monday</b><br><b>19/05/2025</b>    | 231            | Discrete Mathematical Structure(BTN05302)   |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 232            | Data structures(BTN05303)   |
| <b>Wednesday</b><br><b>21/05/2025</b> | 233            | Microprocessors( BTN05305)  |
| <b>Thursday</b><br><b>22/05/2025</b>  | 234            | Computer Graphics(BTN05304)   |

| Day&Date                              | Sr. No.           | <b>S.Y.(B.Tech.)(InformationTechnology)Sem–II (New w.e.f.Oct.2021)</b><br><b>(CBCS 2020 PATTERN)</b><br><b>Time:10.00 am to 1.00 pm</b> |
|---------------------------------------|-------------------|---|
| <b>Monday</b><br><b>26/05/2025</b>    | 235               | Theory of Computation(BTN05402)   |
| <b>Wednesday</b><br><b>28/05/2025</b> | 236               | Computer Organization and Architecture(BTN05403)  |
| <b>Friday</b><br><b>30/05/2025</b>    | 237               | Computer Networks(BTN05404)   |
| <b>Tuesday</b><br><b>03/06/2025</b>   | 238               | Applied Mathematics–II(BTN05401)  |
| <b>Thursday</b><br><b>05/06/2025</b>  | 239<br>240<br>241 | Machine Learning (BTN03406)<br>OR<br>Mathematics for Data Science (BTN05406)<br>OR<br>Cryptography(BTN04410)                            |

| Day & Date                            | Sr.No.                                 | <b>S.Y. (B.Tech. Electrical Engg.) Sem – I (New w.e.f. June 2024)</b><br><b>(NEP CBCS 2023 PATTERN)</b><br><b>Time: 03.00 pm to 06.00 pm</b>  |
|---------------------------------------|--|---|
| <b>Saturday</b><br><b>17/05/2025</b>  | 242                                    | Analog Electronics (EEPCC-01)   |
| <b>Monday</b><br><b>19/05/2025</b>    | 243                                    | Power Plant Engineering and Elements of Power System (EEPCC-02)   |
| <b>Tuesday</b><br><b>20/05/2025</b>   | 244                                    | DC Machines and Transformer (EEPCC-03)  |
| <b>Wednesday</b><br><b>21/05/2025</b> | 245<br>246<br>247<br>248<br>249<br>250 | <b>Open Elective-I</b><br>OE-01A: Advanced Mathematics and Statistics (OE-01A)<br>2. OE-01B Digital Marketing and E- Commerce (OE-01B)<br>3. OE-01C Humanities and Social Sciences (OE-01C)<br>4. OE-01D Industrial and Quality Management (OE-01D)<br>5. OE-01E Mathematics for Software and Hardware (OE-01E)<br>6. OE-01F Soft Skills and Personality Development (OE-01F)   |
| <b>Thursday</b><br><b>22/05/2025</b>  | 251<br>252<br>253<br>254<br>255<br>256 | <b>Multidisciplinary Minor I</b><br><b>Civil Engineering:</b><br>Design Thinking: Business Innovation Framework (CIVMDM-01A)<br>OR<br>Introduction to Geographic Information System (CIVMDM-01B)<br><b>Mechanical Engineering:</b><br>1)Fundamentals of Material science and Engineering (MECHMDM-01A)<br>OR<br>2)Industrial Management (MECHMDM-01B)<br><b>Electronics and Telecommunication Engineering:</b><br>Digital Techniques (ENTMDM-01A)<br>OR |



|                                |     |   |
|--------------------------------|-----|---|
|                                | 257 | Sensor Technology (ENTMDM-01B)  |
|                                | 258 | <b>Computer Science and Engineering:</b><br>1) Programming basics using Python (CSEMDM-01A)<br>OR<br>2) Software Engineering (CSEMDM-01B) |
| <b>Friday<br/>23/05/2025</b>   | 259 | <b>Honors</b><br>Electric Vehicle Technology (EEHn-01A)<br>OR<br>260<br>Advanced and Sustainable Energy Sources (EEHn-01B)                |
| <b>Saturday<br/>24/05/2025</b> | 261 | Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)  |

| <b>Day&amp;Date</b>             | <b>Sr. No.</b> | <b><u>S.Y.(B.Tech.)(Electrical Engg.)Sem– I (w.e.f. June 2021)</u><br/><u>(CBCS 2020 PATTERN) (Old up to MAR.-2025)</u><br/>Time: 03.00 pm to 06.00 pm</b> |
|---------------------------------|----------------|--|
| <b>Saturday<br/>17/05/2025</b>  | 263            | Engineering Mathematics-III(BTN07301)  |
| <b>Monday<br/>19/05/2025</b>    | 264            | Electrical Machines-I(BTN07302)  |
| <b>Tuesday<br/>20/05/2025</b>   | 265            | Power System I (BTN07304)  |
| <b>Wednesday<br/>21/05/2025</b> | 266            | Electronic devices and Circuits(BTN07305)  |
| <b>Thursday<br/>22/05/2025</b>  | 267            | Electrical Measurement and Instrumentation(BTN07303)   |

| <b>Day &amp; Date</b>           | <b>Sr.No.</b>                                 | <b><u>S.Y. (B.Tech. Electrical Engg.) Sem – II (New w.e.f. Nov. 2024)</u><br/><u>(NEP CBCS PATTERN 2023)</u><br/>Time:10.00 am to 1.00 pm</b>  |
|---------------------------------|---|--|
| <b>Monday<br/>26/05/2025</b>    | 268   | Electrical Transmission and Distribution (EEPCC-04 )   |
| <b>Wednesday<br/>28/05/2025</b> | 269   | Network Analysis (EEPCC-05)  |
| <b>Friday<br/>30/05/2025</b>    | 270   | AC Machines (EEPCC-06)   |
| <b>Tuesday<br/>03/06/2025</b>   | 271<br>272<br>273<br>274<br>275<br>276<br>277 | <b>Open Elective-II</b><br>1. Entrepreneurship and Innovation (OE-02A)<br>2. Environmental Sustainability (OE-02B)<br>3. Renewable Energy (OE-02C)<br>4. Measurement, Instrumentation and Sensors (OE-02D)<br>5. Operation Research (OE-02E)<br>6. Computational Mathematics (OE-02F)<br>7. Professional Business Communication (OE-02G) |
| <b>Thursday<br/>05/06/2025</b>  | 49<br>50                                      | <b>Multidisciplinary Minor II</b><br><b>Civil Engineering:</b><br>1) Entrepreneurship, Leadership and Management (CIVMDM-02A)<br>OR  |

|                                 |     |   |
|---------------------------------|-----|---|
|                                 | 101 | 2) Urban Planning and Design (CIVMDM-02B)<br><b>Mechanical Engineering:</b>                                   |
|                                 | 102 | 3) Materials for Technology Development (MECHMDM-02A)<br>OR   |
|                                 | 214 | 4) Production and Operation Management (MECHMDM-02B)<br><b>Electronics and Telecommunication Engineering:</b> |
|                                 | 215 | 3) Microcontroller (ENTMDN-02A)<br>OR   |
|                                 | 165 | 4) Fundamentals of IOT (ENTMDN-02A)<br><b>Computer Science and Engineering:</b>                               |
|                                 | 166 | 3) Data Pre-processing & Visualization (CSEMDM-02A)<br>OR   |
|                                 | 278 | 4) Software Testing & Quality Assurance (CSEMDM-02B)<br><b>Electrical Engineering:</b>                        |
|                                 | 279 | 3) Advanced application in renewable Energy (EEMDM-02A)<br>OR   |
|                                 |     | 4) Electrical Vehicle Motors (EEMDM-02B)  |
| <b>Monday<br/>09/06/2025</b>    | 280 | <b>Honors</b><br>Electric Motors and Controls for Electric Vehicle (EEHn-02A)<br>OR                           |
|                                 | 281 | Smart Energy Management System (EEHn-02B)   |
| <b>Wednesday<br/>11/06/2025</b> | 635 | <b>Professional Ethics (VEC-02)</b> MCQ paper(1.5 hour i.e. 90 mint.)<br><b>Time:10.00 am to 11.30 am</b>     |

| <b>Day&amp;Date</b>             | <b>Sr. No.</b> | <b>S.Y.(B.Tech.) (Electrical Engg.) Sem-II (New w.e.f. Oct 2021)<br/>(CBCS 2020 PATTERN) (Old up to OCT-2025)<br/>Time:10.00 am to 1.00 pm</b> |
|---------------------------------|----------------|--|
| <b>Monday<br/>26/05/2025</b>    | 282            | Electrical Machines-II(BTN07402)   |
| <b>Wednesday<br/>28/05/2025</b> | 283            | Power System II(BTN07403)  |
| <b>Friday<br/>30/05/2025</b>    | 284            | Analog & Digital Integrated circuits(BTN07404)   |
| <b>Tuesday<br/>03/06/2025</b>   | 285            | Network Analysis(BTN07405)   |
| <b>Thursday<br/>05/06/2025</b>  | 286            | Numerical Methods and Linear Algebra(BTN07401)   |
| <b>Monday<br/>09/06/2025</b>    | 287            | Advanced and Sustainable Energy Sources(BTN07407)  |
|                                 | 288            | OR<br>Electric Vehicle Technology(BTN07408)  |

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Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/1075

Date: 06/06/2025

Sd/-  
Director  
Board of Examinations and Evaluation

## Equivalence Subject List

| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-I OLD                                   | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-I NEW                             |
|----------------------------------|--|----------------------------------|--|
| BTN10101                         | Engineering Physics-I                              | BTCE0101                         | Engineering Physics                          |
| BTN10102                         | Engineering Chemistry-I                            | BTCE0102                         | Engineering Chemistry                        |
| BTN10103                         | Engineering Mathematics-I                          | BTCE0103                         | Engineering Mathematics-I                    |
| BTN10104                         | Basics of Civil and Mechanical Engineering         | BTCE0104                         | Basics of Civil and Mechanical Engineering   |
| BTN10105                         | Engineering Mechanics                              | BTCE0106                         | Engineering Mechanics                        |
| BTN10106                         | Universal Human Values                             |                                  |  |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-II OLD                                  | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-II NEW                            |
| BTN10201                         | Engineering Physics-II                             | BTCE0201                         | Engineering Physics                          |
| BTN10202                         | Engineering Chemistry-II                           | BTCE0202                         | Engineering Chemistry                        |
| BTN10203                         | Engineering Mathematics-II                         | BTCE0203                         | Engineering Mathematics-II                   |
| BTN10204                         | Basic Electrical & Electronics Engineering         | BTCE0205                         | Basic Electrical and Electronics Engineering |
| BTN10205                         | Programming for Problem Solving                    |                                  |  |
| BTN10206                         | Engineering Graphics and CAD                       |                                  | No equ                                       |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-III OLD                                 | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-III NEW                           |
| BTN01301                         | Surveying & Geomatics                              | CIVPCC-03                        | Surveying & Geomatics                        |
| BTN01302                         | Fluid Mechanics and Fluid Machines                 | CIVPCC-02                        | Fluid Mechanics and Fluid Machines           |
| BTN01303                         | Concrete Technology, Material Testing & Evaluation |                                  | No equ                                       |
| BTN01304                         | Building Construction & Drawing                    |                                  | No equ                                       |
| BTN01305                         | Structural Mechanics-I                             | CIVPCC-01                        | Structural Mechanics –I                      |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-IV OLD                                  | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-IV NEW                            |
| BTN01401                         | Environmental Engineering-I                        |                                  |  |
| BTN01402                         | Building Planning & Design                         |                                  |  |
| BTN01403                         | Structural Mechanics-II                            |                                  |  |
| BTN01404                         | Engineering Mathematics-III                        |                                  |  |
| BTN01405                         | Engineering Geology                                |                                  |  |
| BTN01407                         | Environmental Laws and Impact Assessment           |                                  |  |

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|----------|--|--|--|
| BTN01408 | Applications of Information Technology and Information systems |  |  |
| BTN01409 | Design Thinking  |  |  |
| BTN01410 | Disaster Management  |  |  |

| Pattern 2020 Paper Code | B.Tech Sem-I OLD                           | Pattern 2023 Paper Code | B.Tech Sem-I NEW                             |
|-------------------------|--|-------------------------|--|
| BTN10101                | Engineering Physics-I                      | BTME0101                | Engineering Physics                          |
| BTN10102                | Engineering Chemistry-I                    | BTME0102                | Engineering Chemistry                        |
| BTN10103                | Engineering Mathematics-I                  | BTME0103                | Engineering Mathematics-I                    |
| BTN10104                | Basics of Civil and Mechanical Engineering | BTME0104                | Basics of Civil and Mechanical Engineering   |
| BTN10105                | Engineering Mechanics                      | BTME0106                | Engineering Mechanics                        |
| BTN10106                | Universal Human Values                     |                         |  |
| Pattern 2020 Paper Code | B.Tech Sem-II OLD                          | Pattern 2023 Paper Code | B.Tech Sem-II NEW                            |
| BTN10201                | Engineering Physics-II                     | BTME0201                | Engineering Physics                          |
| BTN10202                | Engineering Chemistry-II                   | BTME0202                | Engineering Chemistry                        |
| BTN10203                | Engineering Mathematics-II                 | BTME0203                | Engineering Mathematics-II                   |
| BTN10204                | Basic Electrical & Electronics Engineering | BTME0205                | Basic Electrical and Electronics Engineering |
| BTN10205                | Programming for Problem Solving            |                         |  |
| BTN10206                | Engineering Graphics and CAD               |                         | No Equ                                       |
| Pattern 2020 Paper Code | B.Tech Sem-III OLD                         | Pattern 2023 Paper Code | B.Tech Sem-III NEW                           |
| BTN02301                | Applied Thermodynamics                     | MECHPCC-01              | Applied Thermodynamics                       |
| BTN02302                | Mechanics of Materials                     | MECHPCC-03              | Mechanics of Materials                       |
| BTN02303                | Manufacturing Processes                    | MECHPCC-02              | Manufacturing Processes                      |
| BTN02304                | Machine Drawing & CAD                      |                         |  |
| BTN02305                | Microprocessin Automations                 |                         | no equ                                       |
| BTN02306                | Internal Combustion Engines                |                         | no equ                                       |
| BTN02307                | Composite Material                         |                         | No Equ                                       |
| Pattern 2020 Paper Code | B.Tech Sem-IV OLD                          | Pattern 2023 Paper Code | B.Tech Sem-IV NEW                            |
| BTN02401                | Engineering Mathematics–III                |                         |  |
| BTN02402                | Manufacturing Technology                   |                         |  |
| BTN02403                | Fluid Mechanics & Fluid Machines           |                         |  |
| BTN02404                | Kinematics&Theory of Machines              |                         |  |
| BTN02408                | Mechatronic Systems                        |                         |  |
| BTN02409                | Power Plant And Energy Engineering         |                         |  |
| BTN02410                | Solid Mechanics                            |                         |  |
| BTN02411                | Industrial Robotics                        |                         |  |

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| BTN02412 | Introduction to 3D Printing            |  |  |
| BTN02413 | Renewable Energy Sources               |  |  |
| BTN02414 | Introduction to Automobile Engineering |  |  |

| Pattern 2020 Paper Code | B.Tech Sem-I OLD                              | Pattern 2023 Paper Code | B.Tech Sem-I NEW                             |
|-------------------------|---|-------------------------|--|
| BTN10101                | Engineering Physics-I                         | BTETE0101               | Engineering Physics                          |
| BTN10102                | Engineering Chemistry-I                       | BTETE0102               | Engineering Chemistry                        |
| BTN10103                | Engineering Mathematics-I                     | BTETE0103               | Engineering Mathematics-I                    |
| BTN10104                | Basics of Civil and Mechanical Engineering    | BTETE0104               | Basics of Civil and Mechanical Engineering   |
| BTN10105                | Engineering Mechanics                         | BTETE0106               | Engineering Mechanics                        |
| BTN10106                | Universal Human Values                        |                         |  |
| Pattern 2020 Paper Code | B.Tech Sem-II OLD                             | Pattern 2023 Paper Code | B.Tech Sem-II NEW                            |
| BTN10201                | Engineering Physics-II                        | BTETE0201               | Engineering Physics                          |
| BTN10202                | Engineering Chemistry-II                      | BTETE0202               | Engineering Chemistry                        |
| BTN10203                | Engineering Mathematics-II                    | BTETE0203               | Engineering Mathematics-II                   |
| BTN10204                | Basic Electrical & Electronics Engineering    | BTETE0205               | Basic Electrical and Electronics Engineering |
| BTN10205                | Programming for Problem Solving               |                         |  |
| BTN10206                | Engineering Graphics and CAD                  |                         | No Equ                                       |
| Pattern 2020 Paper Code | B.Tech Sem-III OLD                            | Pattern 2023 Paper Code | B.Tech Sem-III NEW                           |
| BTN06301                | Engineering Mathematics–III                   |                         |  |
| BTN06302                | Electronic Circuit Analysis and Design        | ENTPCC-02               | Electronics Circuit Analysis & Design        |
| BTN06303                | Network Theory and Analysis                   | ENTPCC-01               | Network Theory Analysis                      |
| BTN06304                | Digital Techniques                            |                         |  |
| BTN06305                | Analog Communication                          | (ENTPCC-03              | Analog and Digital Communication             |
| Pattern 2020 Paper Code | B.Tech Sem-IV OLD                             | Pattern 2023 Paper Code | B.Tech Sem-IV NEW                            |
| BTN06401                | Control System                                |                         |  |
| BTN06402                | Analog Integrated Circuits                    |                         |  |
| BTN06403                | Principles of Digital Communication           |                         |  |
| BTN06404                | Signals and Systems                           |                         |  |
| BTN06405                | Data Structures                               |                         |  |
| BTN04407                | Computational Statistics                      |                         |  |
| BTN04408                | Database Management Systems                   |                         |  |
| BTN04409                | Fundamentals of IOT                           |                         |  |
| BTN04410                | Cryptography                                  |                         |  |
| BTN04411                | Railway Engineering: A Beginner's Perspective |                         |  |

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| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-I OLD                           | Pattern 2023<br>Paper Code | B.Tech Sem-I NEW                             |
| BTN10101                         | Engineering Physics-I                      | BTCSE0101                  | Engineering Physics                          |
| BTN10102                         | Engineering Chemistry-I                    | BTCSE0102                  | Engineering Chemistry                        |
| BTN10103                         | Engineering Mathematics-I                  | BTCSE0103                  | Engineering Mathematics-I                    |
| BTN10104                         | Basics of Civil and Mechanical Engineering | BTCSE0104                  | Basics of Civil and Mechanical Engineering   |
| BTN10105                         | Engineering Mechanics                      |                            |  |
| BTN10106                         | Universal Human Values                     |                            |  |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-II OLD                          | Pattern 2023<br>Paper Code | B.Tech Sem-II NEW                            |
| BTN10201                         | Engineering Physics-II                     | BTCSE0201                  | Engineering Physics                          |
| BTN10202                         | Engineering Chemistry-II                   | BTCSE0202                  | Engineering Chemistry                        |
| BTN10203                         | Engineering Mathematics-II                 | BTCSE0203                  | Engineering Mathematics-II                   |
| BTN10204                         | Basic Electrical & Electronics Engineering | BTCSE0205                  | Basic Electrical and Electronics Engineering |
| BTN10205                         | Programming for Problem Solving            |                            |  |
| BTN10206                         | Engineering Graphics and CAD               |                            | no equ                                       |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-III OLD                         | Pattern 2023<br>Paper Code | B.Tech Sem-III NEW                           |
| BTN03301                         | Applied Mathematics-I                      |                            |  |
| BTN03302                         | Discrete Mathematical Structures           | CSEPCC-01                  | Discrete Mathematical Structure              |
| BTN03303                         | Data Structures                            | (CSEPCC-03)                | Data Structure                               |
| BTN03304                         | Computer Graphics                          | CSEPCC-02                  | Computer Graphics                            |
| BTN03305                         | Microprocessors                            |                            |  |
|                                  |  |                            |  |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-IV OLD                          | Pattern 2023<br>Paper Code | B.Tech Sem-IV NEW                            |
| BTN03401                         | Applied Mathematics-II                     |                            |  |
| BTN03402                         | Theory of Computation                      |                            |  |
| BTN03403                         | Computer Organization and Architecture     |                            |  |
| BTN03404                         | Computer Network                           |                            |  |
| BTN03406                         | Machine Learning                           |                            |  |
| BTN03407                         | Mathematics for Data Science               |                            |  |
| BTN04410                         | Cryptography                               |                            |  |

| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-I OLD                           | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-I NEW                             |
|----------------------------------|--|----------------------------------|--|
| BTN10101                         | Engineering Physics-I                      | BTEE0101                         | Engineering Physics                          |
| BTN10102                         | Engineering Chemistry-I                    | BTEE0102                         | Engineering Chemistry                        |
| BTN10103                         | Engineering Mathematics-I                  | BTEE0103                         | Engineering Mathematics-I                    |
| BTN10104                         | Basics of Civil and Mechanical Engineering | BTEE0104                         | Basics of Civil and Mechanical Engineering   |
| BTN10105                         | Engineering Mechanics                      |                                  |  |
| BTN10106                         | Universal Human Values                     |                                  |  |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-II OLD                          | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-II NEW                            |
| BTN10201                         | Engineering Physics-II                     | BTEE0201                         | Engineering Physics                          |
| BTN10202                         | Engineering Chemistry-II                   | BTEE0202                         | Engineering Chemistry                        |
| BTN10203                         | Engineering Mathematics-II                 | BTEE0203                         | Engineering Mathematics-II                   |
| BTN10204                         | Basic Electrical & Electronics Engineering | BTEE0205                         | Basic Electrical and Electronics Engineering |
| BTN10205                         | Programming for Problem Solving            |                                  |  |
| BTN10206                         | Engineering Graphics and CAD               |                                  | no Equ                                       |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-III OLD                         | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-III NEW                           |
| BTN07301                         | Engineering Mathematics-III                |                                  |  |
| BTN07302                         | Electrical Machines-I                      |                                  |  |
| BTN07303                         | Electrical Measurement and Instrumentation |                                  |  |
| BTN07304                         | Power System I                             |                                  |  |
| BTN07305                         | Electronic devices and Circuits            |                                  |  |
| Pattern<br>2020<br>Paper<br>Code | B.Tech Sem-IV OLD                          | Pattern<br>2023<br>Paper<br>Code | B.Tech Sem-IV NEW                            |
| BTN07401                         | Numerical Methods and Linear Algebra       |                                  |  |
| BTN07402                         | Electrical Machines-II                     |                                  |  |
| BTN07403                         | Power System II                            |                                  |  |
| BTN07404                         | Analog & Digital Integrated circuits       |                                  |  |
| BTN07405                         | Network Analysis                           |                                  |  |
| BTN07407                         | Advanced and Sustainable Energy Sources    |                                  |  |
| BTN07408                         | Electric Vehicle Technology                |                                  |  |