



# PUNYASHLOKAHILYADEVIHOLKAR 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> <b>(NEP CBCS PATTERN JUNE-2023)</b> <b>Time:3.00 pm to 6.00 pm</b>
<b>Saturday</b> <b>17/05/2025</b>	1	Engineering Mathematics-I(BTCE0103) /(BTCSE0103)/ (BTETE0103)/ (BTEE0103)/ (BTME0103)/(BTECE0103) <b>Time: 10.00 am to 01.00 pm</b>
<b>Monday</b> <b>19/05/2025</b>	2	Engineering Mechanics (BTCE0106)/ (BTCSE0106) / (BTETE0106)/ (BTEE0106)/ (BTME0106)/(BTECE0106) <b>Time: 10.00 am to 01.00 pm</b>
<b>Tuesday</b> <b>27/05/2025</b>	3	Engineering Physics / (BTCE0101)/ (BTCSE0101)/ (BTETE0101)/ (BTEE0101)/ (BTME0101)/ (BTECE0101)
<b>Thursday</b> <b>29/05/2025</b>	4	Engineering Chemistry \$ (BTCE0102) /(BTCSE0102) / (BTETE0102)/ (BTEE0102)/ (BTME0102)/ (BTECE0102)
<b>Monday</b> <b>02/06/2025</b>	5	Basics of Civil and Mechanical Engineering /(BTCE0104)/ (BTCSE0104) / (BTETE0104)/ (BTEE0104)/ (BTME0104)/(BTECE0104)
<b>Wednesday</b> <b>04/06/2025</b>	6	Basic Electrical & Electronics Engineering (BTCE0105) / (BTCSE0105)/ (BTETE0105)/ (BTEE0105)/ (BTME0105)/(BTECE0105)

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

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

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

Day&Date	Sr. No.	<b><u>S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Nov. 2024)</u></b> <b>(CBCS PATTERN 2023)</b> <b>Time:10.00 am to 1.00 pm</b>
<b>Monday</b> <b>26/05/2025</b>	39	Structural Mechanics-II (CIVPCC-04)
<b>Wednesday</b> <b>28/05/2025</b>	40	Building and Infrastructure Planning (CIVPCC-05)
<b>Friday</b> <b>30/05/2025</b>	41	Environmental Engineering (CIVPCC-06)
<b>Tuesday</b> <b>03/06/2025</b>	42 43 44 45 46 47 48	<b>Open Elective-II</b> 1. Entrepreneurship and Innovation (OE-02A) 2. Environmental Sustainability (OE-02B) 3. Renewable Energy (OE-02C) 4. Measurement, Instrumentation and Sensors (OE-02D) 5. Operation Research (OE-02E) 6. Computational Mathematics (OE-02F) 7. Professional Business Communication (OE-02G)
<b>Thursday</b> <b>05/06/2025</b>	49 50 101 102 214 215 165 166 278	<b>Multidisciplinary Minor II</b> <b>Civil Engineering:</b> 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) <b>Mechanical Engineering:</b> 1) Materials for Technology Development (MECHMDM-02A) OR 2) Production and Operation Management (MECHMDM-02B) <b>Electronics and Telecommunication Engineering:</b> 1) Microcontroller (ENTMDN-02A) OR 2) Fundamentals of IOT (ENTMDN-02A) <b>Computer Science and Engineering:</b> 1) Data Pre-processing & Visualization (CSEMDM-02A) OR 2) Software Testing & Quality Assurance (CSEMDM-02B) <b>Electrical Engineering:</b> 1) Advanced application in renewable Energy (EEMDM-02A) OR

	279	2) Electrical Vehicle Motors (EEMDM-02B)
<b>Monday 09/06/2025</b>	51	<b>Honors</b> 1) Managing Innovation and Entrepreneurship (CIVHON-02A) OR
	52	2) Planning and Design of Rural Roads (CIVHON-02B) OR
	53	3) Construction Materials: Sustainability and Usability (CIVHON-02C) OR
	54	4) Elevated structures in Railway (CIVHON-02D)
<b>Wednesday 11/06/2025</b>	<b>631</b>	<b>Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.)</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> (CBCS 2020 PATTERN) (Old up to OCT-2025) Time:10.00 am to 1.00 pm</b>
<b>Monday 26/05/2025</b>	55	Environmental Engineering-I(BTN01401)
<b>Wednesday 28/05/2025</b>	56	Building Planning &Design (BTN01402)
<b>Friday 30/05/2025</b>	57	Structural Mechanics-II(BTN01403)
<b>Tuesday 03/06/2025</b>	58	Engineering Geology(BTN01405)
<b>Thursday 05/06/2025</b>	59	Engineering Mathematics-III(BTN01404)
<b>Monday 09/06/2025</b>	60	Environmental Laws and Impact Assessment(BTN01407) OR
	61	Applications of Information Technology and Information systems(BTN01408) OR
	62	Design Thinking (BTN01409) OR
	63	Disaster Management(BTN01410)

<b>Day &amp; Date</b>	<b>Sr.No.</b>	<b><u>S.Y. (B.Tech. Mech. Engg.) Sem – I (New w.e.f. June 2024)</u> (NEP CBCS 2023 PATTERN) Time:03.00 Pm to 06.00 pm</b>
<b>Saturday 17/05/2025</b>	64	Applied Thermodynamics (MECHPCC-01)
<b>Monday 19/05/2025</b>	65	Manufacturing Processes (MECHPCC-02)

<b>Tuesday</b> <b>20/05/2025</b>	66	Mechanics of Materials (MECHPCC-03)
<b>Wednesday</b> <b>21/05/2025</b>	67 68 69 70 71 72	<b>Open Elective-I</b> 1. OE-01A: Advanced Mathematics and Statistics (OE-01A) 2. OE-01B Digital Marketing and E- Commerce (OE-01B) 3. OE-01C Humanities and Social Sciences (OE-01C) 4. OE-01D Industrial and Quality Management (OE-01D) 5. OE-01E Mathematics for Software and Hardware (OE-01E) 6. OE-01F Soft Skills and Personality Development (OE-01F)
<b>Thursday</b> <b>22/05/2025</b>	73 74 75 76 77 78 79 80	<b>Multidisciplinary Minor I</b> <b>Civil Engineering:</b> 1)Design Thinking: Business Innovation Framework (CIVMDM-01A) OR 2)Introduction to Geographic Information System (CIVMDM-01B) <b>Electronics and Telecommunication Engineering:</b> 1)Digital Techniques (ENTMDM-01A) OR 2)Sensor Technology (ENTMDM-01B) <b>Computer Science and Engineering:</b> 1)Programming basics using Python (CSEMDM-01A) OR 2)Software Engineering (CSEMDM-01B) <b>Electrical Engineering:</b> 1)Electrical Technology (EEMDM-01A) OR 2)Basics of Electrical Vehicle (EEMDM-01B)
<b>Friday</b> <b>23/05/2025</b>	81 82	<b>Honors</b> Industrial Robotics (MechHon-01A) OR Introduction to Automobile Engineering (MechHon-01B)
<b>Saturday</b> <b>24/05/2025</b>	83	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.)(Mechanical Engg.) Sem-I (w.e.f.June 2021)</u></b> <b><u>(CBCS 2020 PATTERN) (Old up to MAR.-2025)</u></b> <b>Time:03.00 pm to 06.00 pm</b>
<b>Saturday</b> <b>17/05/2025</b>	84	Applied Thermodynamics(BTN02301)
<b>Monday</b> <b>19/05/2025</b>	85	Mechanics of Materials (BTN02302)
<b>Tuesday</b> <b>20/05/2025</b>	86	Manufacturing Processes(BTN02303)
<b>Wednesday</b> <b>21/05/2025</b>	87	Machine Drawing & CAD(BTN02304)
<b>Thursday</b> <b>22/05/2025</b>	88 89 90	<b>Professional Elective-I</b> a) Microprocess in Automations(BTN02305) b) Internal Combustion Engines(BTN02306) c) Composite Material (BTN02307)

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

Day&Date	Sr. No.	<b><u>S.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov 2021)</u></b> <b>(CBCS 2020 PATTERN) (Old up to OCT-2025)</b> <b>Time:10.00 am to 1.00 pm</b>
Monday 26/05/2025	105	Engineering Mathematics–III(BTN02401)
Wednesday 28/05/2025	106	Manufacturing Technology(BTN02402)
Friday 30/05/2025	107	Fluid Mechanics & Fluid Machines(BTN02403)
Tuesday 03/06/2025	108	Kinematics &Theory of Machines(BTN02404)
Thursday 05/06/2025	109 110 111	<b>Professional Elective-II</b> A. Mechatronic Systems(BTN02408) B. Power Plant And Energy Engineering(BTN02409) C. Solid Mechanics(BTN02410)
Monday 09/06/2025	112 113 114 115	Industrial Robotics (BTN02411) OR Introduction to 3D Printing (BTN02412) OR Renewable Energy Sources (BTN02413) OR 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> <b>(CBCS 2020 PATTERN) (Old up to MAR-2025)</b> <b>Time: 03.00 pm to 06.00 pm</b>
Saturday 17/05/2025	116	Engineering Mathematics– III(BTN04301)
Monday 19/05/2025	117	Network Theory and Analysis (BTN04303)
Tuesday 20/05/2025	118	Electrical Machines (BTN04304)
Wednesday 21/05/2025	119	Digital Techniques (BTN04305)
Thursday 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> <b>(CBCS PATTERN 2023)</b> <b>Time:10.00 am to 1.00 pm</b>
<b>Monday</b> <b>26/05/2025</b>	121	Signals& Systems (BTN04401)
<b>Wednesday</b> <b>28/05/2025</b>	122	Control Systems (BTN04402)
<b>Friday</b> <b>30/05/2025</b>	123	Data Structures and Algorithms (BTN04405)
<b>Tuesday</b> <b>03/06/2025</b>	124	Analog Integrated Circuits (BTN04403)
<b>Thursday</b> <b>05/06/2025</b>	125	Analog Communication (BTN04404)
<b>Monday</b> <b>09/06/2025</b>	126	Computational Statistics (BTN04407) OR
	127	Database Management Systems (BTN04408) OR
	128	Fundamentals of IOT(BTN04409)

Day & Date	Sr.No.	<b>S.Y. (B.Tech. Computer Science &amp; Engg.) Sem – I</b> <b>(New w.e.f. June 2024) (NEP CBCS 2023 PATTERN)</b> <b>Time: 03.00 pm to 06.00 pm</b>
<b>Saturday</b> <b>17/05/2025</b>	129	Discrete Mathematical Structure (CSEPCC-01)
<b>Monday</b> <b>19/05/2025</b>	130	Computer Graphics (CSEPCC-02)
<b>Tuesday</b> <b>20/05/2025</b>	131	Data Structure (CSEPCC-03)
<b>Wednesday</b> <b>21/05/2025</b>	132 133 134 135 136 137	<b>Open Elective-I</b> OE-01A: Advanced Mathematics and Statistics (OE-01A) 2. OE-01B Digital Marketing and E- Commerce (OE-01B) 3. OE-01C Humanities and Social Sciences (OE-01C) 4. OE-01D Industrial and Quality Management (OE-01D) 5. OE-01E Mathematics for Software and Hardware (OE-01E) 6. OE-01F Soft Skills and Personality Development (OE-01F)
<b>Thursday</b> <b>22/05/2025</b>	138 139 140 141 142 143 144 145	<b>Multidisciplinary Minor I</b> <b>Civil Engineering:</b> Design Thinking: Business Innovation Framework (CIVMDM-01A) OR Introduction to Geographic Information System (CIVMDM-01B) <b>Mechanical Engineering:</b> 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR 2)Industrial Management (MECHMDM-01B) <b>Electronics and Telecommunication Engineering:</b> Digital Techniques (ENTMDM-01A) OR Sensor Technology (ENTMDM-01B) <b>Electrical Engineering:</b> 1)Electrical Technology (EEMDM-01A) OR 2)Basics of Electrical Vehicle (EEMDM-01B)
<b>Friday</b> <b>23/05/2025</b>	146 147 148	<b>Honors</b> Machine Learning (CSEHON-01A) OR Cryptography (CSEHON-01B) OR Mathematics for Data Science (CSEHON-01C)
<b>Saturday</b> <b>24/05/2025</b>	149	Universal Human Values (VEC-01) 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> <b>(CBCS 2020 PATTERN) (Old up to MAR.2025)</b> <b>Time: 030.00 pm to 06.00 pm</b>
Saturday 17/05/2025	150	Applied Mathematics-I(BTN03301)
Monday 19/05/2025	151	Discrete Mathematical Structures(BTN03302)
Tuesday 20/05/2025	152	Data Structures(BTN03303)
Wednesday 21/05/2025	153	Computer Graphics(BTN03304)
Thursday 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> <b>(CBCS PATTERN 2023)</b> <b>Time:10.00 am to 1.00 pm</b>
Monday 26/05/2025	155	Computer Organization and Architecture (CSEPCC-04)
Wednesday 28/05/2025	156	Theory of Computation (CSEPCC-05)
Friday 30/05/2025	157	Computer Networks (CSEPCC-06)
Tuesday 03/06/2025	158 159 160 161 162 163 164	Open Elective-II 1. Entrepreneurship and Innovation (OE-02A) 2. Environmental Sustainability (OE-02B) 3. Renewable Energy (OE-02C) 4. Measurement, Instrumentation and Sensors (OE-02D) 5. Operation Research (OE-02E) 6. Computational Mathematics (OE-02F) 7. Professional Business Communication (OE-02G)
Thursday 05/06/2025	49 50 101 102 214 215 165 166 278 279	<b>Multidisciplinary Minor II</b> <b>Civil Engineering:</b> 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) <b>Mechanical Engineering:</b> 1) Materials for Technology Development (MECHMDM-02A) OR 2) Production and Operation Management (MECHMDM-02B) <b>Electronics and Telecommunication Engineering:</b> 1) Microcontroller (ENTMDN-02A) OR 2) Fundamentals of IOT (ENTMDN-02A) <b>Computer Science and Engineering:</b> 1) Data Pre-processing & Visualization (CSEMDM-02A) OR 2) Software Testing & Quality Assurance (CSEMDM-02B) <b>Electrical Engineering:</b> 1) Advanced application in renewable Energy (EEMDM-02A) OR 2) Electrical Vehicle Motors (EEMDM-02B)

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

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

Day & Date	Sr.No.	<b><u>S.Y. (B.Tech. Electronics &amp; Telecommunication Engg.)</u></b> <b><u>Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN)</u></b> <b>Time: 03.00 pm to 06.00 pm</b>
<b>Saturday</b> <b>17/05/2025</b>	177	Network Theory Analysis (ENTPCC-01)
<b>Monday</b> <b>19/05/2025</b>	178	Electronics Circuit Analysis & Design (ENTPCC-02)
<b>Tuesday</b> <b>20/05/2025</b>	179	Analog and Digital Communication (ENTPCC-03)
<b>Wednesday</b> <b>21/05/2025</b>	180 181 182 183 184 185	Open Elective-I OE-01A: Advanced Mathematics and Statistics (OE-01A) 2. OE-01B Digital Marketing and E- Commerce (OE-01B) 3. OE-01C Humanities and Social Sciences (OE-01C) 4. OE-01D Industrial and Quality Management (OE-01D) 5. OE-01E Mathematics for Software and Hardware (OE-01E) 6. OE-01F Soft Skills and Personality Development (OE-01F)
<b>Thursday</b> <b>22/05/2025</b>	186 187 188 189 190 191 192 193	<b>Multidisciplinary Minor I</b> <b>Civil Engineering:</b> Design Thinking: Business Innovation Framework (CIVMDM-01A) OR Introduction to Geographic Information System (CIVMDM-01B) <b>Mechanical Engineering:</b> 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR 2)Industrial Management (MECHMDM-01B) <b>Computer Science and Engineering:</b> 1)Programming basics using Python (CSEMDM-01A) OR 2)Software Engineering (CSEMDM-01B) <b>Electrical Engineering:</b> 1)Electrical Technology (EEMDM-01A) OR 2)Basics of Electrical Vehicle (EEMDM-01B)
<b>Friday</b> <b>23/05/2025</b>	194 195 196	<b>Honors</b> Computational Statistics (ENTHON-01A) OR Database Management System (ENTHON-01B) OR Railway Engineering: A Beginner's Perspective (ENTHON-01D )
<b>Saturday</b> <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> <b>(CBCS 2020 PATTERN) (Old up to MAR-2025)</b> <b>Time: 03.00 pm to 06.00 pm</b>
Saturday 17/05/2025	199	Engineering Mathematics–III(BTN06301)
Monday 19/05/2025	200	Electronic Circuit Analysis and Design(BTN06302)
Tuesday 20/05/2025	201	Network Theory and Analysis ( BTN06303)
Wednesday 21/05/2025	202	Digital Techniques(BTN06304)
Thursday 22/05/2025	203	Analog Communication(BTN06305)

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

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

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

Day&Date	Sr. No.	<b>S.Y.(B.Tech.) (Information Technology)Sem-I(w.e.f.June2021)</b> <b>(CBCSPATTERNJUNE-2020) (Old up to MAR-2025)</b> <b>Time: 03.00 pm to 06.00 pm</b>
<b>Saturday</b> <b>17/05/2025</b>	230	Applied Mathematics-I(BTN05301)
<b>Monday</b> <b>19/05/2025</b>	231	Discrete Mathematical Structure(BTN05302)
<b>Tuesday</b> <b>20/05/2025</b>	232	Data structures(BTN05303)
<b>Wednesday</b> <b>21/05/2025</b>	233	Microprocessors( BTN05305)
<b>Thursday</b> <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> <b>(CBCS 2020 PATTERN)</b> <b>Time:10.00 am to 1.00 pm</b>
<b>Monday</b> <b>26/05/2025</b>	235	Theory of Computation(BTN05402)
<b>Wednesday</b> <b>28/05/2025</b>	236	Computer Organization and Architecture(BTN05403)
<b>Friday</b> <b>30/05/2025</b>	237	Computer Networks(BTN05404)
<b>Tuesday</b> <b>03/06/2025</b>	238	Applied Mathematics–II(BTN05401)
<b>Thursday</b> <b>05/06/2025</b>	239 240 241	Machine Learning (BTN03406) OR Mathematics for Data Science (BTN05406) OR Cryptography(BTN04410)

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



	257	Sensor Technology (ENTMDM-01B)
	258	<b>Computer Science and Engineering:</b> 1) Programming basics using Python (CSEMDM-01A) OR 2) Software Engineering (CSEMDM-01B)
<b>Friday 23/05/2025</b>	259	<b>Honors</b> Electric Vehicle Technology (EEHn-01A) OR 260 Advanced and Sustainable Energy Sources (EEHn-01B)
<b>Saturday 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> <u>(CBCS 2020 PATTERN) (Old up to MAR.-2025)</u> <b>Time: 03.00 pm to 06.00 pm</b></b>
<b>Saturday 17/05/2025</b>	263	Engineering Mathematics-III(BTN07301)
<b>Monday 19/05/2025</b>	264	Electrical Machines-I(BTN07302)
<b>Tuesday 20/05/2025</b>	265	Power System I (BTN07304)
<b>Wednesday 21/05/2025</b>	266	Electronic devices and Circuits(BTN07305)
<b>Thursday 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> <u>(NEP CBCS PATTERN 2023)</u> <b>Time:10.00 am to 1.00 pm</b></b>
<b>Monday 26/05/2025</b>	268	Electrical Transmission and Distribution (EEPCC-04 )
<b>Wednesday 28/05/2025</b>	269	Network Analysis (EEPCC-05)
<b>Friday 30/05/2025</b>	270	AC Machines (EEPCC-06)
<b>Tuesday 03/06/2025</b>	271 272 273 274 275 276 277	<b>Open Elective-II</b> 1. Entrepreneurship and Innovation (OE-02A) 2. Environmental Sustainability (OE-02B) 3. Renewable Energy (OE-02C) 4. Measurement, Instrumentation and Sensors (OE-02D) 5. Operation Research (OE-02E) 6. Computational Mathematics (OE-02F) 7. Professional Business Communication (OE-02G)
<b>Thursday 05/06/2025</b>	49  50	<b>Multidisciplinary Minor II</b> <b>Civil Engineering:</b> 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR

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

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

Please visit -sus.ac.in

PAH Solapur University, Solapur

Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/915

Date: 13/05/2025

Sd/-  
Director  
Board of Examinations and Evaluation

## Equivalence Subject List

Pattern 2020 Paper Code	B.Tech Sem-I OLD	Pattern 2023 Paper 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 2020 Paper Code	B.Tech Sem-II OLD	Pattern 2023 Paper 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 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper 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 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper 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		

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		

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		

Pattern 2020 Paper Code	B.Tech Sem-I OLD	Pattern 2023 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 2020 Paper Code	B.Tech Sem-II OLD	Pattern 2023 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 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 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 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 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 2020 Paper Code	B.Tech Sem-I OLD	Pattern 2023 Paper 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 2020 Paper Code	B.Tech Sem-II OLD	Pattern 2023 Paper 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 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper 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 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper 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		