



# PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025

SEMESTER PATTERN EXAMINATION

**DRAFT PROGRAM OF THE BACHELOR OF TECHNOLOGY (B.TECH.)**

**EXAMINATIONS IN THE BRANCHES**

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

**OCT./NOV-2025 EXAMINATION TO BE HELD IN OCT.-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>
Wednesday 12/11/2025	1	Engineering Mathematics-I(BTCE0103) /(BTCSE0103)/ (BTETE0103)/ (BTEE0103)/ (BTME0103)/(BTECE0103) <b>Time: 10.00 am to 01.00 pm</b>
Thursday 13/11/2025	2	Engineering Mechanics (BTCE0106)/ (BTCSE0106) / (BTETE0106)/ (BTEE0106)/ (BTME0106)/(BTECE0106) <b>Time: 10.00 am to 01.00 pm</b>
Friday 14/11/2025	3	Engineering Physics / (BTCE0101)/ (BTCSE0101)/ (BTETE0101)/ (BTEE0101)/ (BTME0101)/ (BTECE0101)
Saturday 15/11/2025	4	Engineering Chemistry \$ (BTCE0102) /(BTCSE0102) / (BTETE0102)/ (BTEE0102)/ (BTME0102)/ (BTECE0102)
Monday 17/11/2025	5	Basics of Civil and Mechanical Engineering /(BTCE0104)/ (BTCSE0104) / (BTETE0104)/ (BTEE0104)/ (BTME0104)/(BTECE0104)
Tuesday 18/11/2025	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>
Friday 14/11/2025	7	Engineering Physics (BTCE0201/ BTME0201/ BTETE0201/ BTCSE0201/ BTEE0201)/(BTECE0201)
Saturday 15/11/2025	8	Engineering Chemistry (BTCE0202/ BTME0202/ BTETE0202/ BTCSE0202/ BTEE0202)/ (BTECE0202)
Monday 17/11/2025	9	Basics of Civil and Mechanical Engineering (BTCE0204/ BTME0204/ BTETE0204/ BTCSE0204/ BTEE0204)/ (BTECE0204)
Tuesday 18/11/2025	10	Basic Electrical & Electronics Engineering (BTCE0205/ BTME0205/ BTETE0205/ BTCSE0205/ BTEE0205)/ (BTECE0205)
Wednesday 19/11/2025	11	Engineering Mathematics – II (BTCE0203/ BTME0203/ BTETE0203/ BTCSE0203/ BTEE0203)/ (BTECE0203)

Day & Date	Sr. No.	<b>F.Y. (B.Tech.) Sem – II (w.e.f. Nov. 2020)</b> <b>(CBCS-2020PATTERN)</b> <b>Time:3.00 pm to 7.00 pm</b>
Wednesday 12/11/2025	12	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> <b>(NEP CBCS 2023 PATTERN)</b> <b>Time:03.00 Pm to 06.00 pm</b>
<b>Friday</b> <b>31/10/2025</b>	13	Structural Mechanics –I (CIVPCC-01)
<b>Saturday</b> <b>01/11/2025</b>	14	Fluid Mechanics and Machines (CIVPCC-02)
<b>Monday</b> <b>03/11/2025</b>	15	Surveying and Geomatics (CIVPCC-03)
<b>Tuesday</b> <b>04/11/2025</b>	16 17 18 19 20 21	Open Elective-I 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>06/11/2025</b>	22 23 24 25 26 27 28 29	<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>07/11/2025</b>	30 31 32 33	<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>08/11/2025</b>	34	Universal Human Values (VEC-01) MCQ paper(1.5 hour i.e. 90 mint.)

Day&Date	Sr. No.	<b>S.Y. (B.Tech.) (Civil 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>
Tuesday 11/11/2025	35	Structural Mechanics-II (CIVPCC-04)
Thursday 13/11/2025	36	Building and Infrastructure Planning (CIVPCC-05)
Saturday 15/11/2025	37	Environmental Engineering (CIVPCC-06)
Monday 17/11/2025	38 39 40 41 42 43 44	<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)
Wednesday 19/11/2025	45 46 47 48 49 50 51 52 53 54	<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)
Friday 21/11/2025	55 56 57 58	<b>Honors</b> 1) Managing Innovation and Entrepreneurship (CIVHON-02A) OR 2) Planning and Design of Rural Roads (CIVHON-02B) OR 3) Construction Materials: Sustainability and Usability (CIVHON-02C) OR 4) Elevated structures in Railway (CIVHON-02D)
Monday 24/11/2025	59	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) <b>Time:10.00 am to 11.30 am</b>

Day&Date	Sr. No.	<b><u>S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Oct 2021-22)</u></b> <b>(CBCS 2020 PATTERN) (Old up to OCT-2025)</b> <b>Time:10.00 am to 1.00 pm</b>
Tuesday 11/11/2025	60	Environmental Engineering-I(BTN01401)
Thursday 13/11/2025	61	Building Planning &Design (BTN01402)
Saturday 15/11/2025	62	Structural Mechanics-II(BTN01403)
Monday 17/11/2025	63	Engineering Geology(BTN01405)
Wednesday 19/11/2025	64	Engineering Mathematics-III(BTN01404)
Friday 21/11/2025	65	Environmental Laws and Impact Assessment (BTN01407) OR
	66	Applications of Information Technology and Information Systems (BTN01408) OR
	67	Design Thinking (BTN01409) OR
	68	Disaster Management (BTN01410)

Day & Date	Sr.No.	<b><u>S.Y. (B.Tech. Mech. Engg.) Sem – I (New w.e.f. June 2024)</u></b> <b>(NEP CBCS 2023 PATTERN)</b> <b>Time:03.00 Pm to 06.00 pm</b>
Friday 31/10/2025	69	Applied Thermodynamics (MECHPCC-01)
Saturday 01/11/2025	70	Manufacturing Processes (MECHPCC-02)
Monday 03/11/2025	71	Mechanics of Materials (MECHPCC-03)
Tuesday 04/11/2025	72	<b>Open Elective-I</b> 1. OE-01A: Advanced Mathematics and Statistics (OE-01A)
	73	2. OE-01B Digital Marketing and E- Commerce (OE-01B)
	74	3. OE-01C Humanities and Social Sciences (OE-01C)
	75	4. OE-01D Industrial and Quality Management (OE-01D)
	76	5. OE-01E Mathematics for Software and Hardware (OE-01E)
	77	6. OE-01F Soft Skills and Personality Development (OE-01F)
Thursday 06/11/2025	78	<b>Multidisciplinary Minor I</b> <b>Civil Engineering:</b> 1)Design Thinking: Business Innovation Framework (CIVMDM-01A) OR
	79	2)Introduction to Geographic Information System (CIVMDM-01B)
	80	<b>Electronics and Telecommunication Engineering:</b> 1)Digital Techniques (ENTMDM-01A) OR
	81	2)Sensor Technology (ENTMDM-01B)
	82	<b>Computer Science and Engineering:</b> 1)Programming basics using Python (CSEMDM-01A) OR
	83	2)Software Engineering (CSEMDM-01B)

	84	<b>Electrical Engineering:</b> 1)Electrical Technology (EEMDM-01A) OR
	85	2)Basics of Electrical Vehicle (EEMDM-01B)
<b>Friday 07/11/2025</b>	86	<b>Honors</b> Industrial Robotics (MechHon-01A) OR
	87	Introduction to Automobile Engineering (MechHon-01B)
<b>Saturday 08/11/2025</b>	88	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-II (New w.e.f.Nov 2024)</u> (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm</b>
<b>Tuesday 11/11/2025</b>	89	Kinematics and Theory of Machine (MECHPCC-04)
<b>Thursday 13/11/2025</b>	90	Machine Drawing (MECHPCC-05)
<b>Saturday 15/11/2025</b>	91	Fluid mechanics and Fluid Machines (MECHPCC-06)
<b>Monday 17/11/2025</b>	92 93 94 95 96 97 98	<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>Wednesday 19/11/2025</b>	99 100 101 102 103 104 105 106 107 108	<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> 3) Materials for Technology Development (MECHMDM-02A) OR 4) Production and Operation Management (MECHMDM-02B) <b>Electronics and Telecommunication Engineering:</b> 5) Microcontroller (ENTMDN-02A) OR 6) Fundamentals of IOT (ENTMDN-02A) <b>Computer Science and Engineering:</b> 7) Data Pre-processing & Visualization (CSEMDM-02A) OR 8) Software Testing & Quality Assurance (CSEMDM-02B) <b>Electrical Engineering:</b> 9) Advanced application in renewable Energy (EEMDM-02A) OR 10) Electrical Vehicle Motors (EEMDM-02B)

<b>Friday</b> <b>21/11/2025</b>	109	<b>Honors</b> Machine Vision (MechHon-02A) OR Introduction to Electric and Hybrid Vehicles (MechHon-02B)
	110	
<b>Monday</b> <b>24/11/2025</b>	111	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) <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.)(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>
<b>Tuesday</b> <b>11/11/2025</b>	112	Engineering Mathematics–III(BTN02401)
<b>Thursday</b> <b>13/11/2025</b>	113	Manufacturing Technology(BTN02402)
<b>Saturday</b> <b>15/11/2025</b>	114	Fluid Mechanics & Fluid Machines(BTN02403)
<b>Monday</b> <b>17/11/2025</b>	115	Kinematics & Theory of Machines(BTN02404)
<b>Wednesday</b> <b>19/11/2025</b>	116 117 118	<b>Professional Elective-II</b> A. Mechatronic Systems(BTN02408) B. Power Plant And Energy Engineering(BTN02409) C. Solid Mechanics(BTN02410)
<b>Friday</b> <b>21/11/2025</b>	119 120 121 122	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–II (New w.e.f.Nov. 2024)</u></b> <b>(CBCS PATTERN 2023)</b> <b>Time:10.00 am to 1.00 pm</b>
Tuesday 11/11/2025	123	Signals& Systems (BTN04401)
Thursday 13/11/2025	124	Control Systems (BTN04402)
Saturday 15/11/2025	125	Data Structures and Algorithms (BTN04405)
Monday 17/11/2025	126	Analog Integrated Circuits (BTN04403)
Wednesday 19/11/2025	127	Analog Communication (BTN04404)
Friday 21/11/2025	128	Computational Statistics (BTN04407)
	129	OR Database Management Systems (BTN04408)
	130	OR Fundamentals of IOT(BTN04409)

Day & Date	Sr.No.	<b><u>S.Y. (B.Tech. Computer Science &amp; Engg.) Sem – I</u></b> <b><u>(New w.e.f. June 2024) (NEP CBCS 2023 PATTERN)</u></b> <b>Time: 03.00 pm to 06.00 pm</b>
Friday 31/10/2025	131	Discrete Mathematical Structure (CSEPCC-01)
Saturday 01/11/2025	132	Computer Graphics (CSEPCC-02)
Monday 03/11/2025	133	Data Structure (CSEPCC-03)
Tuesday 04/11/2025	134 135 136 137 138 139	<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)
Thursday 06/11/2025	140 141 142 143 144 145 146	<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)



	147	OR 2) Basics of Electrical Vehicle (EEMDM-01B)
<b>Friday 07/11/2025</b>	148	<b>Honors</b> Machine Learning (CSEHON-01A) OR
	149	Cryptography (CSEHON-01B) OR
	150	Mathematics for Data Science (CSEHON-01C)
<b>Saturday 08/11/2025</b>	151	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

<b>Day&amp; Date</b>	<b>Sr. No.</b>	<b>S.Y.(B.Tech.)(Computer Science &amp; Engg.)Sem– II (New w.e.f.Nov.2024) (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm</b>
<b>Tuesday 11/11/2025</b>	152	Computer Organization and Architecture (CSEPCC-04)
<b>Thursday 13/11/2025</b>	153	Theory of Computation (CSEPCC-05)
<b>Saturday 15/11/2025</b>	154	Computer Networks (CSEPCC-06)
<b>Monday 17/11/2025</b>	155 156 157 158 159 160 161	<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>Wednesday 19/11/2025</b>	162 163 164 165 166 167 168 169 170 171	<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>Friday</b> <b>21/11/2025</b>	172 173 174	<b>Honors</b> Reinforcement Learning (CSEHON-02A) OR Network Security and Secure Coding (CSEHON-02B) OR Data Pre-processing & Visualization (CSEHON-02C)
<b>Monday</b> <b>24/11/2025</b>	175	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) <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.)(Computer Science &amp; Engg.)Sem– II (New w.e.f.Oct.2021)</u></b> <b>(CBCS 2020 PATTERN) (Old up to OCT-2025)</b> <b>Time:10.00 am to 1.00 pm</b>
<b>Tuesday</b> <b>11/11/2025</b>	176	Theory of Computation (BTN03402)
<b>Thursday</b> <b>13/11/2025</b>	177	Computer Organization and Architecture (BTN03403)
<b>Saturday</b> <b>15/11/2025</b>	178	Computer Networks (BTN03404)
<b>Monday</b> <b>17/11/2025</b>	179	Applied Mathematics-II(BTN03401)
<b>Wednesday</b> <b>19/11/2025</b>	180  181  182	Machine Learning (BTN03406)  OR Mathematics for Data Science (BTN03407 )  OR Cryptography (BTN04410)

<b>Day &amp; Date</b>	<b>Sr.No.</b>	<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>Friday</b> <b>31/10/2025</b>	183	Network Theory Analysis (ENTPCC-01)
<b>Saturday</b> <b>01/11/2025</b>	184	Electronics Circuit Analysis & Design (ENTPCC-02)
<b>Monday</b> <b>03/11/2025</b>	185	Analog and Digital Communication (ENTPCC-03)
<b>Tuesday</b> <b>04/11/2025</b>	186 187 188 189 190 191	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>06/11/2025</b>	192	<b>Multidisciplinary Minor I</b> <b>Civil Engineering:</b> Design Thinking: Business Innovation Framework (CIVMDM-01A) OR

	193	Introduction to Geographic Information System (CIVMDM-01B)
	194	<b>Mechanical Engineering:</b>
	195	1) Fundamentals of Material science and Engineering (MECHMDM-01A)
		OR
		2) Industrial Management (MECHMDM-01B)
	196	<b>Computer Science and Engineering:</b>
	197	1) Programming basics using Python (CSEMDM-01A)
		OR
	197	2) Software Engineering (CSEMDM-01B)
	198	<b>Electrical Engineering:</b>
	198	1) Electrical Technology (EEMDM-01A)
		OR
	199	2) Basics of Electrical Vehicle (EEMDM-01B)
<b>Friday 07/11/2025</b>	200	<b>Honors</b>
		Computational Statistics (ENTHON-01A)
		OR
	201	Database Management System (ENTHON-01B)
		OR
	202	Railway Engineering: A Beginner's Perspective (ENTHON-01D )
<b>Saturday 08/11/2025</b>	203	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day & Date	Sr.No.	<b><u>S.Y. (B.Tech. Electronics &amp; Telecommunication Engg.) NEW</u></b> <b><u>Sem – II (New w.e.f. June 2024) (NEP CBCS PATTERN 2023)</u></b> <b>Time:10.00 am to 1.00 pm</b>
<b>Tuesday 11/11/2025</b>	204	Signals and Systems (ENTPCC-04)
<b>Thursday 13/11/2025</b>	205	Control System (ENTPCC-05)
<b>Saturday 15/11/2025</b>	206	Analog Integrated Circuits (ENTPCC-06)
<b>Monday 17/11/2025</b>	207	<b>Open Elective-II</b>
	208	1. Entrepreneurship and Innovation (OE-02A)
	209	2. Environmental Sustainability (OE-02B)
	210	3. Renewable Energy (OE-02C)
	211	4. Measurement, Instrumentation and Sensors (OE-02D)
	212	5. Operation Research (OE-02E)
	213	6. Computational Mathematics (OE-02F)
		7. Professional Business Communication (OE-02G)
<b>Wednesday 19/11/2025</b>	214	<b>Multidisciplinary Minor II</b>
		<b>Civil Engineering:</b>
		1) Entrepreneurship, Leadership and Management (CIVMDM-02A)
		OR
	215	2) Urban Planning and Design (CIVMDM-02B)
		<b>Mechanical Engineering:</b>
	216	1) Materials for Technology Development (MECHMDM-02A)
		OR

	217	2) Production and Operation Management (MECHMDM-02B)
	218	<b>Electronics and Telecommunication Engineering:</b> 1) Microcontroller (ENTMDN-02A) OR
	219	2) Fundamentals of IOT (ENTMDN-02B)
	220	<b>Computer Science and Engineering:</b> 1) Data Pre-processing & Visualization (CSEMDM-02A) OR
	221	2) Software Testing & Quality Assurance (CSEMDM-02B)
	222	<b>Electrical Engineering:</b> 1) Advanced application in renewable Energy (EEMDM-02A) OR
	223	2) Electrical Vehicle Motors (EEMDM-02B)
<b>Friday 21/11/2025</b>	224	<b>Honors</b> Artificial Intelligence (ENTHON-02A) OR
	225	Machine Learning (ENTHON-02B) OR
	226	Industrial IoT (ENTHON-02C) OR
	227	Data Communication and Signaling in Railway(ENTHON-02D)
<b>Monday 24/11/2025</b>	228	<b>Professional Ethics (VEC-02)</b> MCQ paper(1.5 hour i.e. 90 mint.) <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.) (Electronics &amp; Telecommunication Engineering &amp; Engg.)Sem-II (New w.e.f.June 2021) (CBCS PATTERN 2023)</u></b> <b>(Old up to OCT-2025) Time:10.00 am to 1.00 pm</b>
<b>Tuesday 11/11/2025</b>	229	Control System (BTN06401)
<b>Thursday 13/11/2025</b>	230	Analog Integrated Circuits (BTN06402)
<b>Saturday 15/11/2025</b>	231	Principles of Digital Communication (BTN06403)
<b>Monday 17/11/2025</b>	232	Signals and Systems (BTN06404)
<b>Wednesday 19/11/2025</b>	233	Data Structures (BTN06405)
<b>Friday 21/11/2025</b>	234	Computational Statistics (BTN04407) OR
	235	Database Management Systems (BTN04408) OR
	236	Fundamentals of IOT(BTN04409) OR
	237	Cryptography (BTN04410) OR
	238	Railway Engineering: A Beginner's Perspective (BTN04411)

Day&Date	Sr. No.	<b>S.Y.(B.Tech.)(Information Technology)Sem-II (New w.e.f.Oct.2021)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time:10.00 am to 1.00 pm</b>
Tuesday 11/11/2025	239	Theory of Computation (BTN05402)
Thursday 13/11/2025	240	Computer Organization and Architecture (BTN05403)
Saturday 15/11/2025	241	Computer Networks (BTN05404)
Monday 17/11/2025	242	Applied Mathematics–II(BTN05401)
Wednesday 19/11/2025	243 244 245	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>
Friday 31/10/2025	246	Analog Electronics (EEPCC-01)
Saturday 01/11/2025	247	Power Plant Engineering and Elements of Power System (EEPCC-02)
Monday 03/11/2025	248	DC Machines and Transformer (EEPCC-03)
Tuesday 04/11/2025	249 250 251 252 253 254	<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)
Thursday 06/11/2025	255 256 257 258 259 260 261	<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>Computer Science and Engineering:</b> 1)Programming basics using Python (CSEMDM-01A)

	262	OR 2)Software Engineering (CSEMDM-01B)
<b>Friday 07/11/2025</b>	263	<b>Honors</b> Electric Vehicle Technology (EEHn-01A)
	264	OR Advanced and Sustainable Energy Sources (EEHn-01B)
<b>Saturday 08/11/2025</b>	265	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 – II (New w.e.f. Nov. 2024)</u></b> <b>(NEP CBCS PATTERN 2023)</b> <b>Time:10.00 am to 1.00 pm</b>
<b>Tuesday 11/11/2025</b>	266	Electrical Transmission and Distribution (EEPCC-04 )
<b>Thursday 13/11/2025</b>	267	Network Analysis (EEPCC-05)
<b>Saturday 15/11/2025</b>	268	AC Machines (EEPCC-06)
<b>Monday 17/11/2025</b>	269 270 271 272 273 274 275	<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>Wednesday 19/11/2025</b>	276 277 278 279 280 281 282 283 284 285	<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> 3) Materials for Technology Development (MECHMDM-02A) OR 4) Production and Operation Management (MECHMDM-02B) <b>Electronics and Telecommunication Engineering:</b> 3) Microcontroller (ENTMDN-02A) OR 4) Fundamentals of IOT (ENTMDN-02A) <b>Computer Science and Engineering:</b> 3) Data Pre-processing & Visualization (CSEMDM-02A) OR 4) Software Testing & Quality Assurance (CSEMDM-02B) <b>Electrical Engineering:</b> 11) Advanced application in renewable Energy (EEMDM-02A) OR 12) Electrical Vehicle Motors (EEMDM-02B)

<b>Friday</b> <b>21/11/2025</b>	286	<b>Honors</b> Electric Motors and Controls for Electric Vehicle (EEHn-02A) OR Smart Energy Management System (EEHn-02B)
	287	
<b>Monday</b> <b>24/11/2025</b>	288	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) <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.) (Electrical Engg.) Sem-II (New w.e.f. Oct 2021)</u></b> <b>(CBCS 2020 PATTERN) (Old up to OCT-2025)</b> <b>Time:10.00 am to 1.00 pm</b>
<b>Tuesday</b> <b>11/11/2025</b>	289	Electrical Machines-II(BTN07402)
<b>Thursday</b> <b>13/11/2025</b>	290	Power System II(BTN07403)
<b>Saturday</b> <b>15/11/2025</b>	291	Analog & Digital Integrated circuits (BTN07404)
<b>Monday</b> <b>17/11/2025</b>	292	Network Analysis (BTN07405)
<b>Wednesday</b> <b>19/11/2025</b>	293	Numerical Methods and Linear Algebra (BTN07401)
<b>Friday</b> <b>21/11/2025</b>	294	Advanced and Sustainable Energy Sources (BTN07407)
	295	OR Electric Vehicle Technology (BTN07408)

Day & Date	Sr. No.	<b>S.Y. (B.Tech. Electronics &amp; Computer Engineering.) Sem – I</b> <b>(New w.e.f. June 2025) (NEP CBCS 2023 PATTERN)</b> <b>Time: 03.00 pm to 06.00 pm</b>
Friday 31/10/2025	296	Fundamentals Of Digital Techniques (ECEPCC-01)
Saturday 01/11/2025	297	Data Structures and Algorithms (ECEPCC-02)
Monday 03/11/2025	298	Electronic Devices and Circuit (ECEPCC-03)
Tuesday 04/11/2025	299 300 301 302 303 304	<b>Open Elective-I</b> 1. Advanced Mathematics and Statistics (OE-01A) 2. Digital Marketing and E-Commerce (OE-01B) 3. Humanities and Social Sciences (OE-01C) 4. Industrial and Quality Management (OE-01D) 5. Mathematics for Software and Hardware (OE-01E) 6. Soft Skills and Personality Development (OE-01F)
Thursday 06/11/2025	305 306	<b>Multidisciplinary Minor I</b> Fundamentals Of Digital Circuits (ECEMDM-01A) OR Fundamentals of Artificial Intelligence (ECEMDM-01B)
Friday 07/11/2025	307 308 309 310	<b>Honors</b> Ai Technology-Computational Statistics (ECEHON-01A) OR Ai Technology-(IoT) And Smart Systems (ECEHON-01B) OR Railway Engineering - A Beginner's Perspective (ECEHON-01C) OR Renewable Energy and Power Electronics - Solar and wind energy (ECEHON-01D)
Saturday 08/11/2025	311	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)



Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(CivilEngg.)Sem-I (New w.e.f.June.2025)</u></b> <b>(CBCS 2023 PATTERN)</b> <b>Time:10:00 am to 01:00 pm</b>
<b>Friday</b> <b>31/10/2025</b>	312	Design of Steel Structures (CIVPCC-07)
<b>Saturday</b> <b>01/11/2025</b>	313	Transportation Engineering (CIVPCC-08)
<b>Monday</b> <b>03/11/2025</b>	314	Geotechnical Engineering (CIVPCC-09)
<b>Tuesday</b> <b>04/11/2025</b>	315 316 317	<b>Programme Electives Course -I</b> 1. Advanced Concrete Technology (CIVPEC – 01A) 2. Engineering Geology and Material Science (CIVPEC – 01B) 3. Water and Sanitation Infrastructure (CIVPEC – 01C)
<b>Thursday</b> <b>06/11/2025</b>	318	Creativity and Design Thinking (AEC-02)
<b>Friday</b> <b>07/11/2025</b>	319 320 321 322 323 324 325 326 327 328	<b>Multidisciplinary Minor III</b> <b>Civil Engineering:</b> 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) <b>Mechanical Engineering:</b> 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) <b>Electronics and Telecommunication Engineering:</b> 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) <b>Computer Science and Engineering:</b> 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) <b>Electrical Engineering:</b> 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
<b>Saturday</b> <b>08/11/2025</b>	329 330 331 332	<b>Honors</b> Honors in Innovation and Design Engineering (Stage-I) - Engineering Systems and Design Optimization (CIVHON-03A) OR Honors in Infrastructure Engineering (Stage-I) - Roads and Highway Project Development (CIVHON-03B) OR Honors in Sustainability Engineering (Stage-I) - Sustainable Materials and Green Buildings (CIVHON-03C) OR Honors in Railway Infrastructure (Stage-I) - Underground Structures in Railway (CIVHON-03D)

Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(CivilEngg.)Sem-I (New w.e.f.June.2022)</u></b> <b><u>(CBCS 2020 PATTERN)(Old up to MAR-2026)</u></b> <b>Time:10:00 am to 01:00 pm</b>
Friday 31/10/2025	333	Design of Steel Structures (BTN01501)
Saturday 01/11/2025	334	Geotechnical Engineering (BTN01502)
Monday 03/11/2025	335	Highway and Tunnel Engineering (BTN01503)
Tuesday 04/11/2025	336	Hydrology and Water Resources Engineering(BTN01504)
Thursday 06/11/2025	337	Design of Concrete Structures I (BTN01505)
Friday 07/11/2025	338	Environmental Engineering-II (BTN01506)
Saturday 08/11/2025	339 340 341 342	<b><u>Honors Degree</u></b> 1.Risk Assessment and Vulnerability Analysis (BTN01514) 2. Planning and Design of Rural Roads (BTN01515) 3. Construction Materials: Sustainability and Usability (BTN01516) 4. Managing Innovation and Entrepreneurship (BTN01517)
Monday 10/11/2025	343 344 345 346 347	<b><u>Self-Learning</u></b> 1.Economics (BTN01508) 2. Intellectual Property Rights for Technology Development And Management (BTN01509) 3. Introduction to Sociology (BTN01510) 4. Stress and Coping (BTN01511) 5. Professional Ethics & Human Value (BTN01512) <b>Time:10:00 am to 12:00 pm</b>

<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b>T.Y.(B.Tech.)(CivilEngg.)Sem– II ( New w.e.f.Nov.2022) (CBCS 2020 PATTERN) Time:10:00 am to 1:00 pm</b>
<b>Wednesday 12/11/2025</b>	348	Foundation Engineering (BTN01601)
<b>Friday 14/11/2025</b>	349	Hydraulic Structures & Water Power Engg. (BTN01602)
<b>Monday 17/11/2025</b>	350	<b>Professional Elective-I</b> A) Structural Analysis by Matrix Methods (BTN01608)
	351	B) Structural Dynamics (BTN01609)
	352	c) Design of Bridges (BTN01610)
	353	d) Design of Pre stressed concrete structures (BTN01611)
	354	e) Airport Planning and Design (BTN01612)
	355	f) Pavement Design (BTN01613)
	356	g ) Construction Engineering Materials (BTN01614)
	357	h) Systems Engineering & Economics (BTN01615)
	358	i) Advanced Concrete Technology (BTN01616)
	359	j) Open Channel flow & River Hydraulics (BTN01617)
	360	k) Solid and Hazardous Waste Management (BTN01618)
	361	l) Urban Hydrology and Hydraulics (BTN01619)
<b>Wednesday 19/11/2025</b>	362	Design of Concrete Structures II (BTN01603)
<b>Friday 21/11/2025</b>	363	Principles of Management and Quantitative Techniques (BTN01604)
<b>Monday 24/11/2025</b>	364	Railway, Airport & Harbour Engineering (BTN01605)
<b>Wednesday 26/11/2025</b>	365	<b><u>Honors Degree</u></b> 1. Disaster Preparedness and Response (BTN01620)
	366	2. Roads and Highway Project Development (BTN01621)
	367	3. Sustainable Materials and Green Buildings (BTN01622)
	368	4. Engineering System Design Optimization (BTN01623)

<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b>Fourth.Y.(B.Tech.)(CivilEngg.)Sem-I (New w.e.f.June2023)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time:03.00 pm. to 06.00pm.</b>
<b>Tuesday</b> <b>18/11/2025</b>	369	Estimating, Costing and Valuation (BTN01701)
<b>Wednesday</b> <b>19/11/2025</b>	370	Earthquake Engineering (BTN01702)
<b>Thursday</b> <b>20/11/2025</b>	371	Construction Management and Practices (BTN01703)
<b>Friday</b> <b>21/11/2025</b>	372 373 374 375 376 377 378 379 380 381	Professional Elective-II a) Advanced Structural Analysis (BTN01707) b) Advanced Design of Concrete Structures (BTN01708) c) Finite Element Method (BTN01709) d) Traffic Engineering and Management (BTN01710) e) Geo synthetics and soil structures (BTN01711) f) Construction Productivity (BTN01712) g) Entrepreneurship (BTN01713) h) Optimization Techniques (BTN01714) i) Water Power Engineering (BTN01715) j) Air and Noise Pollution and Control (BTN01716)
<b>Saturday</b> <b>22/11/2025</b>	382 383 384 385	<b>Honors Degree</b> 1. Recovery, Rehabilitation and Reconstruction (BTN01717) 2. Bridge and Grade Separated Structures (BTN01718) 3. Sustainable Engineering& Technology (BTN01719) 4. Civil Engineering System Analysis and Design (BTN01720)

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>Fourth.Y.(B.Tech.)(CivilEngg.)Sem-II (New w.e.f.June2023)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00 pm</b>
<b>Tuesday 11/11/2025</b>	386	Professional Practice, Law & Ethics (BTN01801)
<b>Thursday 13/11/2025</b>	387 388 389 390 391 392 393	<b>Professional Elective Course- III</b> a) Repairs & Rehabilitation of Structures (BTN01803) b) Industrial Structures (BTN01804) c) Urban Transportation Planning. (BTN01805) d) Ground improvement Techniques (BTN01806) e) Cost Management of Engineering Projects (BTN01807) f) Disaster Management (BTN01808) g) Water and Air Quality Modelling (BTN01809)
<b>Monday 17/11/2025</b>	394 395 396 397	<b>Self Learning Technical Course (Elective)</b> a) Concrete composites (BTN01810) b) Rural Roads (BTN01812) c) TQM and MIS in Civil Engineering (BTN01813) d) Planning for Sustainable Development (BTN01814)

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>Fourth.Y. (B.Tech.) (Civil Engg.) Sem – II</u></b> <b>(CBCS 2019 PATTERN )</b> <b>Time: 2:00 pm to 5:00 pm</b>
<b>Tuesday 11/11/2025</b>	398	Open Elective-III :Economic policies in India (197042802)

Day&Date	Sr. No.	<b>T.Y.(B.Tech.)(Mechanical Engg.)Sem-I (New w.e.f.Jun. 2025)</b> <b>(CBCS 2023 PATTERN)</b> <b>Time:10:00 am to 01:00 pm</b>
Friday 31/10/2025	399	Advance Manufacturing Technology (MECHPCC-07)
Saturday 01/11/2025	400	Design of Machine Elements (MECHPCC-08)
Monday 03/11/2025	401	Metallurgy (MECHPCC-09)
Tuesday 04/11/2025	402 403 404 405	<b>Programme Electives Course -I</b> 1) Metrology and Quality control (MECHPEC – 01A) 2) Internal Combustion Engines (MECHPEC – 01B) 3) Product Life cycle Management (MECHPEC – 01C) 4) Mechatronics systems (MECHPEC – 01D)
Thursday 06/11/2025	406	Creativity and Design Thinking (AEC-02)
Friday 07/11/2025	407 408 409 410 411 412 413 414 415 416	<b>Multidisciplinary Minor III</b> <b>Civil Engineering:</b> 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) <b>Mechanical Engineering:</b> 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) <b>Electronics and Telecommunication Engineering:</b> 05) PIC Microcontroller (ENTMDM-03A) OR 06) IoT Networks and Security (ENTMDM-03B) <b>Computer Science and Engineering:</b> 07) Machine Learning (CSEMDM-03A) OR 08) Object Oriented Modeling and Design (CSEMDM-03B) <b>Electrical Engineering:</b> 09) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Saturday 08/11/2025	417 418	<b>Honors</b> Honors in Robotics Engineering- Industrial Networks and Controllers (MechHon - 03A) OR Honors in Electric Vehicle Engineering - Battery Technology and Charging Infrastructure (MechHon - 03B)

Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(MechanicalEngg.)Sem-I (Neww.e.f.June2022)</u></b> <b><u>(CBCS 2020 PATTERN)(Old UP TO MAR-2026)</u></b> Time:10:00 am to 01:00 pm
Friday 31/10/2025	419	Design of Machine Elements (BTN02501)
Saturday 01/11/2025	420	CAD-CAM-CAE (BTN02502)
Monday 03/11/2025	421	Metallurgy (BTN02503)
Tuesday 04/11/2025	422	IndustrialEngineering(BTN02504)
Thursday 06/11/2025	423 424 425 426	<b>Professional Elective-III</b> a) GAS TURBINES(BTN02514) b) : Tool Engineering(BTN02515) ( <b>Time:10.00 am to 2:00pm</b> ) c) Industrial Hydraulics &Pneumatics(BTN02516) d) Mechanical Vibrations(BTN02517)
Friday 07/11/2025	427 428 429 430	<b>Honors Degree</b> a) Machine Vision(BTN02518) b) 3D Printing Material(BTN02519) c) Energy Conservation, Management And Audit(BTN02520) d) Introduction to Electric and Hybrid Electric Vehicles(BTN02521)
Saturday 08/11/2025	431 432 433 434 435	<b>Time:10:00 am to 12:00 pm</b> <b>Self Learning</b> 1.Economics(BTN02508) 2.IntellectualProperty Rights for Technology Development And Management(BTN02509) 3.IntroductiontoSociology (BTN02510) 4.StressandCoping (BTN02511) 5.ProfessionalEthics&HumanValue(BTN02512)

Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov.2022)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time:10:00 am to 1:00pm</b>
Wednesday 12/11/2025	436	Transmission System Design(BTN02601)
Friday 14/11/2025	437	Instrumentation and Control Engineering(BTN02602)
Monday 17/11/2025	438	Heat Transfer(BTN02603)
Wednesday 19/11/2025	439	Industrial & Quality Management(BTN02604)
Friday 21/11/2025	440 441 442 443	Professional Elective-IV A) Project Management (BTN02608) B) Industrial Product Design (BTN02609) C) Plastic Engineering (BTN02610) D) Railway Transportation System (BTN02611)
Monday 24/11/2025	444 445 446 447	<b><u>Honors Degree</u></b> a) Industrial Networks and Controllers(BTN02612) b) 3D Printing Hardware & Software (BTN02613) c) Energy Conversion Systems(BTN02614) d) Battery Technology and Charging Infrastructure(BTN02615)

Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(Mechanical Engg.)Sem-II (w.e.f.Nov.2020-21)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time:10:00 am to 1:00pm</b>
Wednesday 12/11/2025	448	Joining Technologies for Metals (197041615)
	449	Steam Power Engineering (197041616) <b>Time:3:00 pm to 6:00pm</b>



Day&Date	Sr. No.	<b>Fourth.Y.(B.Tech.)(Mechanical Engg.)Sem-I (Neww.e.f.June2023)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00pm</b>
<b>Tuesday</b> <b>18/11/2025</b>	450	Refrigeration and Air Conditioning(BTN02701)
<b>Wednesday</b> <b>19/11/2025</b>	451	Automobile Engineering(BTN02702)
<b>Thursday</b> <b>20/11/2025</b>	452	Automation and Robotics (BTN02703)
<b>Friday</b> <b>21/11/2025</b>	453 454 455 456	Professional Elective-V a) Production and Operations Management (BTN02706) b) Artificial Intelligence and Machine Learning (BTN02707) c) Railway Systems Management (BTN02708) d) Analysis and Synthesis of Mechanisms (BTN02709) e) Business Economics (BTN02710)
<b>Saturday</b> <b>22/11/2025</b>	457 458 459	<b>Honors Degree</b> a) Advanced topics in robotics(BTN02718) b) Advanced topics on 3D Printing (BTN02719) c) Energy Resources, Economics and Environment (BTN02716) d) Advanced Topics in Electric Vehicles (BTN02717)
<b>Monday</b> <b>24/11/2025</b>	460 461 462 463 464	<b>Open Elective</b> a) Entrepreneurship Development (BTN02711) b) Operations Research (BTN02712) c) Research Methodology (BTN02713) d) Supply Chain Management (BTN02714) e) Finite Element Method (BTN02715)

Day&Date	Sr. No.	<b>FourthY.(B.Tech.)(MechanicalEngg.)Sem-I(w.e.f.Nov.2021-22)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00pm</b>
<b>Tuesday</b> <b>18/11/2025</b>	465	Robotics and Artificial Intelligence (197041703)

Day&Date	Sr. No.	<b><u>T.Y. (B.Tech.) (Electronics Engg.) Sem– I (New w.e.f. NOV. 2022)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time:10:00 am to 01:00 pm</b>
<b>Friday</b> <b>31/10/2025</b>	466	Digital Communication(BTN04501)
<b>Saturday</b> <b>01/11/2025</b>	467	Digital Signal Processing( BTN04502)
<b>Monday</b> <b>03/11/2025</b>	468	Microcontrollers( BTN04503)
<b>Tuesday</b> <b>04/11/2025</b>	469 470 471 472	<b>Open Elective- I</b> a) Information Technology and Management(BTN04513) b) Managerial Economics(BTN04514) c) Project Management and Operation Research(BTN04515) d) Business Ethics(BTN04516)
<b>Thursday</b> <b>06/11/2025</b>	473 474 475	<b><u>Honors Degree</u></b> a) Artificial Intelligence(BTN04517) b) Data Processing & Feature Engineering(BTN04518) c) Industrial IoT(BTN04519)
<b>Friday</b> <b>07/11/2025</b>	476 477 478 479 480	<b>Time:10:00 am to 12:00 pm</b> <b>Self Learning</b> a) Economics( BTN04506) b) Intellectual Property Rights for Technology Development and Management( BTN04507) c) Introduction to Sociology( BTN04508) d) Stress and Coping( BTN04509) e) Professional Ethics & Human Value( BTN04510)

Day&Date	Sr. No.	<b><u>T.Y. (B.Tech.) (Electronics Engg.) Sem– II (Neww.e.f. NOV. 2022)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time:10.00am to1.00pm</b>
Wednesday 12/11/2025	481	Computer Networks(BTN04601)
Friday 14/11/2025	482	Embedded Systems(BTN04602)
Monday 17/11/2025	483	VLSI Design(BTN04603)
Wednesday 19/11/2025	484 485 486	<b>Professional Elective-I</b> a) Image Processing(BTN04609) b) Computer Organization(BTN04610) c) Multimedia Systems(BTN04611)
Friday 21/11/2025	487 488 489 490	<b>Open Elective-II</b> A) Operating Systems(BTN04605) b) Sensors and Applications(BTN04606) c) Open Source Technologies(BTN04607) d) Power System Planning(BTN04608)
Monday 24/11/2025	491 492 493	<b><u>Honors Degree</u></b> a) AI/ML -Machine Learning(BTN04612) b) Data Science Machine Learning(BTN04613) c) IoT Cloud Platform(BTN04614)

Day&Date	Sr. No.	<b><u>Fourth.Y.(B.Tech.)(Electronics Engg.)Sem–I(New w.e.f.June2023)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00pm</b>
Tuesday 18/11/2025	494	Advanced Communication Engineering (BTN04701)
Wednesday 19/11/2025	495	Power Electronics (BTN04702)
Thursday 20/11/2025	496	Mobile Technology (BTN04703)
Friday 21/11/2025	497 498 499	<b>Elective-I</b> a) CMOS VLSI Design (BTN04706) b) PLC and Industrial Controllers (BTN04707) c) Software Engineering (BTN04708)
Saturday 22/11/2025	500 501 502	<b>Honors</b> 1. AI Applications (BTN04710) 2. Data Science- Business Intelligence (BTN04712) 3. IOT- Architecting IOT Solutions (BTN04714)

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>Fourth.Y. (B.Tech.)(Electronics Engg.)Sem-II (New w.e.f.Oct.2023)</u> (CBCSPATTERN) Time:3.00pm to6.00pm</b>
<b>Tuesday 11/11/2025</b>	503 504 505	<b>Elective-III</b> a) Speech Processing (BTN04806) b) Mechatronics (BTN04807) c) Cloud Computing (BTN04808)
<b>Thursday 13/11/2025</b>	506 507 508 509	<b>Self-Learning II – Technical</b> a) Electronic Instrumentation (BTN04802) b) Biomedical Instrumentation (BTN04803) c) Cyber Security (BTN04804) d) Approved MOOC Course (BTN04805) <b>( Time:3.00pm to5.00pm)</b>

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>Fourth.Y.(B.Tech.)( Electronics Engg .)Sem-I (w.e.f.June 2021-22)</u> (CBCSPATTERN 2019) Time: 3:00 pm to 6:00pm</b>
<b>Tuesday 11/11/2025</b>	510	Database Management System (197047709)

Day&Date	Sr. No.	T.Y.(B.Tech.)(Computer Science & Engg.)Sem-I (New w.e.f. NOV. 2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Friday 31/10/2025	511	Design And Analysis of Algorithms (CSEPCC-07)
Saturday 01/11/2025	512	Operating System (CSEPCC-08)
Monday 03/11/2025	513	Database Engineering (CSEPCC-09)
Tuesday 04/11/2025	514 515 516 517	<b>Programme Elective Course-I</b> 1. Software Testing and Quality Assurance (CSEPEC-01A) 2. Human Computer Interface (CSEPEC-01B) 3. Mobile Computing (CSEPEC-01C) 4. Object Oriented Modeling and Design (CSEPEC-01D)
Thursday 06/11/2025	518	Creativity and Design Thinking (AEC-02)
Friday 07/11/2025	519 520 521 522 523 524 525 526 527 528	<b>Multidisciplinary Minor III</b> <b>Civil Engineering:</b> 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) <b>Mechanical Engineering:</b> 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) <b>Electronics and Telecommunication Engineering:</b> 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) <b>Computer Science and Engineering:</b> 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) <b>Electrical Engineering:</b> 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Saturday 08/11/2025	529 530 531	<b>Honors</b> Honors in Artificial Intelligence and Machine Learning-Natural Language Processing (CSEHON-03A) OR Honors in Cyber Security-Cyber Forensic (CSEHON-03B) OR Honors in Data Science-Machine Learning (CSEHON-03C)

Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(Computer Science &amp; Engg.)Sem-I (w.e.f.June 2022)</u></b> <b>(CBCS 2020 PATTERN) (OLD UP TO MAR-2026)</b> <b>Time:10:00 am to 01:00 pm</b>
Friday 31/10/2025	532	Artificial Intelligence(BTN03501)
Saturday 01/11/2025	533	Operating Systems (BTN03502)
Monday 03/11/2025	534	Database Engineering (BTN03503)
Tuesday 04/11/2025	535	Design and Analysis of Algorithm (BTN03504)
Thursday 06/11/2025	536 537 538	<b><u>Honors Degree</u></b> a) Reinforcement Learning (BTN03512) b) Data Preprocessing & Visualization (BTN03513) c) Network Security and Secure Coding (BTN03514)
Friday 07/11/2025	539 540 541 542 543	<b>Time:10:00 am to 12:00 pm</b> <b>Self Learning</b> 1.Economics (BTN03506) 2. Intellectual Property Rights for Technology Development and Management (BTN03507) 3. Introduction to Sociology (BTN03508) 4. Stress andCoping(BTN03509) 5. Professional Ethics &Human Value(BTN03510)

<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b><u>T.Y.(B.Tech.)(Computer Science and Engg.)Sem-II (Neww.e.f.Nov2022)</u> (CBCS 2020 PATTERN) Time:10:00am to 1:00pm</b>
<b>Wednesday 12/11/2025</b>	544	System Programming (BTN03601)
<b>Friday 14/11/2025</b>	545	Internet of Things (BTN03602)
<b>Monday 17/11/2025</b>	546	Software Engineering (BTN03603)
<b>Wednesday 19/11/2025</b>	547 548 549	<b>Professional Elective-I</b> a) Cloud Computing (BTN03606) b) Augmented Reality/Virtual Reality (BTN03607) c) Network Security (BTN03608)
<b>Friday 21/11/2025</b>	550 551 552	<b>Open Elective</b> a) Principles of Management: Practicing Ethics, Responsibility, Management (BTN03609) b) Engineering Economics and Management (BTN03610) c) Disaster Management (BTN03611)
<b>Monday 24/11/2025</b>	553 554 555	<b>Honors Degree</b> 1.Natural Language Processing (BTN03612) 2.Machine Learning (BTN03613) 3.Cyber forensic (BTN03614)

Day & Date	Sr. No.	<b><u>Fourth. Y.(B.Tech.)(Computer and Engg.)Sem-I (New w.e.f.June 2023)</u></b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00pm</b>
<b>Tuesday</b> <b>18/11/2025</b>	556	Software Testing and Quality Assurance (BTN03701)
<b>Wednesday</b> <b>19/11/2025</b>	557	Compiler Construction (BTN03702)
<b>Thursday</b> <b>20/11/2025</b>	558 559 560 561	<b>Elective-II</b> a) Business Intelligence (BTN03706) b) Data Mining (BTN03707) c) Distributed Systems (BTN03708) d) Management Information System (BTN03709)
<b>Friday</b> <b>21/11/2025</b>	562 563 564	<b>Elective-III</b> a) Human Computer Interaction (BTN03710) b) Big Data Analytics (BTN03711) c) Information Retrieval (BTN03712)
<b>Saturday</b> <b>22/11/2025</b>	565 566 567	<b><u>Honors Degree</u></b> a) Deep Learning (BTN03713) b) Predictive Analytics (BTN03715) c) Information Auditing and monitoring (BTN03717)
<b>Monday</b> <b>24/11/2025</b>	568 569	<b>Self Learning</b> 1.UI/UXTechnology(BTN03719) 2.Software Licences and Practices (BTN03720) Time: 10:00 am to 12:00pm



Day&Date	Sr. No.	T.Y. B. Tech. (Electronics& Telecommunication EnggSem- I (New w.e.f Jun 2025) (CBCS 2023 PATTERN) Time: 10:00 am to 01:00 pm
Friday 31/10/2025	570	Electromagnetic Field Theory (ENTPCC-07)
Saturday 01/11/2025	571	Digital Signal Processing (ENTPCC-08)
Monday 03/11/2025	572	Microcontrollers and Applications (ENTPCC-09)
Tuesday 04/11/2025	573 574	<b>Programme Elective Course-I</b> 1. Digital Logic Design (ENTPEC – 01A) 2. Fundamentals of Image Processing (ENTPEC – 01B)
Thursday 06/11/2025	575	Creativity and Design Thinking (AEC-02)
Friday 07/11/2025	576 577 578 579 580 581 582 583 584 585	<b>Multidisciplinary Minor III</b> <b>Civil Engineering:</b> 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) <b>Mechanical Engineering:</b> 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) <b>Electronics and Telecommunication Engineering:</b> 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) <b>Computer Science and Engineering:</b> 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) <b>Electrical Engineering:</b> 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Saturday 08/11/2025	586 587 588	<b>Honors</b> Honors in Artificial Intelligence and Machine Learning - Machine Learning (ENTHON-03A) OR Honors in Data Science-Data Analytics (ENTHON-03B) OR Honors in Internet of Things-IoT Cloud Platform (ENTHON-03C)

Day&Date	Sr. No.	T.Y. B. Tech. (Electronics& Telecommunication EnggSem– I (New w.e.f.June 2022) (CBCS 2020 PATTERN)(OLD UP TO MAR-2026) Time:10:00 am to 01:00 pm
Friday 31/10/2025	589	Electromagnetic Field Theory (BTN06501)
Saturday 01/11/2025	590	Microcontrollers and Applications (BTN06502)
Monday 03/11/2025	591	Digital Signal Processing (BTN06503)
Tuesday 04/11/2025	592 593 594 595	<b>Open Elective-I</b> a) Managerial Economics (BTN06511) b) Project Management and Operation Research (BTN06512) c) Information Technology and Management (BTN06513) d) Business Ethics (BTN06514)
Thursday 06/11/2025	596 597 598 599 600	<b>Honors Degree</b> a) Artificial Intelligence (BTN06515) b) Data Processing & Feature Engineering (BTN06516) c) Industrial IoT (BTN06517) d) Data Communication and Signaling in Railway (BTN06518) e) Network Security and Secure Coding (BTN06519)
Friday 07/11/2025	601 602 603 604 605	<b>Time: 10:00 am to 12:00 pm</b> <b>Self Learning</b> 1.Economics (BTN06505) 2.Intellectual Property Rights for Technology Development and Management (BTN06506) 3. Introduction to Sociology (BTN06507) 4. Stress and Coping (BTN06508) 5. Professional Ethics & Human Value (BTN06509)

Day&Date	Sr No	T.Y. B. Tech. (Electronics& Telecommunication Engg Sem– II (Neww.e.f.Nov.2022) (CBCS 2020 PATTERN) Time:10:00amto 1:00pm
Wednesday 12/11/2025	606	Antenna & Wave Propagation (BTN06601)
Friday 14/11/2025	607	Embedded System(BTN06602)
Monday 17/11/2025	608	Electronic System Design(BTN06603)
Wednesday 19/11/2025	609 610 611	<b>Professional Elective-I</b> a) Optical Fiber Communication(BTN06609) b) . Image and Video Processing(BTN06610) c) Multimedia Communication Technology(BTN06611)
Friday 21/11/2025	612 613 614 615	<b>Open Elective-II</b> a) Sensors and Applications(BTN06605) b) Open Source Technologies(BTN06606) c) Operating Systems(BTN06607) d) Power System Planning(BTN06608)
Monday 24/11/2025	616 617 618 619 620	<b><u>Honors Degree</u></b> a) AI/ML -Machine Learning(BTN06612) b) IoT Cloud Platform(BTN06614) c) Applications of IT and Control Engineering in Railway (BTN06615) d) Cyber Security -Cyber Forensic(BTN06616) e) Data Science Machine Learning (BTN06613)

Day&Date	Sr. No.	<b>Fourth.Y.(B.Tech.)(E&amp;TEngg.)Sem-I(New w.e.f.June2023)</b> <b>(CBCSPATTERN)</b> <b>Time: 3:00 pm to 6:00pm</b>
<b>Tuesday</b> <b>18/11/2025</b>	621	Microwave Engineering (BTN06701)
<b>Wednesday</b> <b>19/11/2025</b>	622	Data Communication (BTN06702)
<b>Thursday</b> <b>20/11/2025</b>	623	VLSI Design (BTN06703)
<b>Friday</b> <b>21/11/2025</b>	624 625 626	<b>Professional Elective-II</b> a) PLC and Industrial Controllers (BTN06707) b) Mobile Communication (BTN06708) c) DSP Processor and application (BTN06709)
<b>Saturday</b> <b>22/11/2025</b>	627 628 629 630 631	<b>Honors Degree</b> 1. AI Applications (BTN06710) 2. Data Science- Business Intelligence (BTN06713) 3. IOT- Architecting IOT Solutions (BTN06715) 4. <b>Cyber Security</b> - Information Security and Audit (BTN06719) 5. <b>Railway Engineering</b> -Advanced Communication and Modern Signaling in Railway (BTN06717)
<b>Monday</b> <b>24/11/2025</b>	632	Research Methodology (BTN06704)

Day & Date	Sr. No.	<b>Fourth.Y.(B.Tech.)(E&amp;TEngg.)Sem-I(w.e.f.June 2021-22)</b> <b>(CBCSPATTERN 2019)</b> <b>Time: 3:00 pm to 6:00pm</b>
<b>Tuesday</b> <b>18/11/2025</b>	633	Database Management System (197044704)

Day & Date	Sr. No.	<b>Fourth.Y.(B.Tech.) (E&amp;TEngg.)Sem-II (Neww.e.f.Oct.2023)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00 pm</b>
<b>Tuesday</b> <b>11/11/2025</b>	634 635 636	<b>Professional Elective-III</b> a. Wireless Sensor Networks (BTN06802) b. Satellite Communication (BTN06803) c. Software Defined Radio (BTN06804) <b>Time: 3:00 pm to 5:00 pm</b>
<b>Thursday</b> <b>13/11/2025</b>	637 638 639 640	<b>Self Learning Module-II</b> a. Electric Vehicles (BTN06805) b. Mechatronics (BTN06806) c. Biomedical Instrumentation (BTN06807) d. MOOC / University Defined Courses) (BTN06808) <b>Time: 3:00 pm to 5:00 pm</b>

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Information Technology)Sem-I (New w.e.f.June2022)</u> <b>(CBCSPATTERN 2020)</b> <b>Time:10:00 am to 01:00 pm</b>
Friday 31/10/2025	641	System Software (BTN05501)
Saturday 01/11/2025	642	Operating Systems (BTN05502)
Monday 03/11/2025	643	Database Engineering (BTN05503)
Tuesday 04/11/2025	644	Design and Analysis of Algorithms (BTN05504)
Thursday 06/11/2025	645 646 647	<b><u>Honors Degree</u></b> a) Rein for cement Learning (BTN05512) b) Data Preprocessing &Visualization (BTN05513) c) Network Security and Secure Coding (BTN05514)
Friday 07/11/2025	648 649 650 651 652	<b>Time:10:00 am to 12:00 pm</b> <b>Self Learning</b> 1.Economics (BTN05506) 2. Intellectual Property Rights for Technology Development and Management (BTN05507) 3. Introduction to Sociology (BTN05508) 4. Stress and Coping (BTN05509) 5. Professional Ethics & Human Value (BTN05510)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.) (Information Technology)Sem-II (Neww.e.f.Nov.2022)</u> <b>(CBCS 2020 PATTERN)</b> <b>Time:10:00 am to 1:00pm</b>
Wednesday 12/11/2025	653	Artificial Intelligence (BTN05601)
Friday 14/11/2025	654	Object Oriented Modeling &Design (BTN05602)
Monday 17/11/2025	655	Software Engineering (BTN05603)
Wednesday 19/11/2025	656 657 658	<b>Professional Elective – I</b> a) Cloud Computing (BTN05606) b) Augmented Reality/Virtual Reality (BTN05607) c) Network Security (BTN05608)
Friday 21/11/2025	659 660 661	<b>Open Elective</b> a) Principles of Management: Practicing Ethics, Responsibility, Sustainability (BTN05609) b) Engineering Economics and Management (BTN05610) c) Disaster Management (BTN05611)
Monday 24/11/2025	662 663 664	<b><u>Honors Degree</u></b> a) Natural Language Processing (BTN05612) b) Machine Learning (BTN05613) c) Cyber forensic (BTN05614)

<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b><u>Fourth.Y.(B.Tech.)(Information Technology Engg.)Sem-I</u> (New w.e.f.June 2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm</b>
<b>Tuesday 18/11/2025</b>	665	Cyber Security (BTN05701)
<b>Wednesday 19/11/2025</b>	666	Management Information Systems (BTN05702)
<b>Thursday 20/11/2025</b>	667 668 669	<b><u>Professional Elective-II</u></b> a) Internet of Things (BTN05706) b) Distributed Systems (BTN05707) c) Block chain Technology (BTN05708)
<b>Friday 21/11/2025</b>	670 671 672	<b><u>Professional Elective-III</u></b> a) Human Computer Interaction (BTN05709) b) Big Data Analytics (BTN05710) c) Information Retrieval (BTN05711)
<b>Saturday 22/11/2025</b>	673 674 675	<b><u>Honors Degree</u></b> a) Deep Learning (BTN05713) b) Predictive Analytics (BTN05715) c) Information Auditing and monitoring (BTN05717)

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b><u>Fourth. Y. (B.Tech.)(Information Technology Engg.) Sem-II</u> (New w.e.f.Oct.2023) (CBCSPATTERN) Time: 3:00 pm to 6:00 pm</b>
<b>Tuesday 11/11/2025</b>	676	Management Information System(197046801)
<b>Thursday 13/11/2025</b>	677	Information Assurance and Security (197046802)
<b>Monday 17/11/2025</b>	678 679	<b><u>Elective-IV</u></b> a) Big Data Analytics (197046805) b) Cloud Computing (197046806)
<b>Wednesday 19/11/2025</b>	680 681	<b><u>Elective-V</u></b> a) Natural Language Processing (197046807) b) Information Retrieval (197046808)

Day&Date	Sr. No.	<b>T.Y.(B.Tech.)(ElectricalEngg.)Sem-I(New w.e.f.Jun 2025)</b> <b>(CBCS 2023 PATTERN)</b> <b>Time:10:00 am to 01:00 pm</b>
Friday 31/10/2025	682	Electromagnetic Engineering (EEPCC-07)
Saturday 01/11/2025	683	Power System Analysis (EEPCC-08)
Monday 03/11/2025	684	Linear Control System (EEPCC-09)
Tuesday 04/11/2025	685 686 687	<b>Programme Elective Course-I</b> 1) Advanced Microcontroller Systems (EEPEC – 01A) 2) Advanced Electrical Machines (EEPEC – 01B) 3) Hybrid Electrical Vehicle Design (EEPEC – 01C)
Thursday 06/11/2025	688	Creativity and Design Thinking (AEC-02)
Friday 07/11/2025	689 690 691 692 693 694 695 696 697 698	<b>Multidisciplinary Minor III</b> <b>Civil Engineering:</b> 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) <b>Mechanical Engineering:</b> 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) <b>Electronics and Telecommunication Engineering:</b> 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) <b>Computer Science and Engineering:</b> 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) <b>Electrical Engineering:</b> 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Saturday 08/11/2025	699 700	<b>Honors</b> Honors in Electrical Vehicle- Energy Management System for Electric Vehicle (EEHn-03A) OR Honors in Sustainable Power Systems-Distributed Energy Integration (EEHn-03B)

Day&Date	Sr. No.	<b><u>T.Y.(B.Tech.)(ElectricalEngg.)Sem-I(New w.e.f.June 2022)</u></b> <b>(CBCS 2020 PATTERN)(OLD UP TO MAR-2026)</b> <b>Time:10:00 am to 01:00 pm</b>
Friday 31/10/2025	701	Power System-III(BTN07501)
Saturday 01/11/2025	702	Linear Control System(BTN07502)
Monday 03/11/2025	703	Advanced Microcontroller System (BTN07503)
Tuesday 04/11/2025	704	Electromagnetic Engineering (BTN07504)
Thursday 06/11/2025	705 706 707 708	<b>Open Elective-I</b> a) Information Technology & Management(BTN07512) b) Advanced Electrical Machines (BTN07513) c) Business Ethics(BTN07514) d) Managerial Economics(BTN07515)
Friday 07/11/2025	709 710	<b>Honors Degree</b> 1. Smart Energy Management System (BTN07516) 2. Electric Motors and Controls for Electric Vehicle (BTN07517)
Saturday 08/11/2025	711 712 713 714 715	<b>Time:10:00 am to 12:00 pm</b> <b>Self Learning</b> 1.Economics (BTN07506) 2. Intellectual Property Rights for Technology Development and Management (BTN07507) 3. Introduction to Sociology (BTN07508) 4. Stress and Coping (BTN07509) 5. Professional Ethics & Human Value(BTN07510)



<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b><u>T.Y.(B.Tech.)(ElectricalEngg.)Sem-II(New w.e.f.Nov.2022)</u> <u>(CBCS 2020 PATTERN)</u> <u>Time:10:00 am to 1:00pm</u></b>
<b>Wednesday 12/11/2025</b>	716	Electrical Machine Design (BTN07601)
<b>Friday 14/11/2025</b>	717	Electrical Utilization (BTN07602)
<b>Monday 17/11/2025</b>	718	Power Electronics & Industrial Drives (BTN07603)
<b>Wednesday 19/11/2025</b>	719	Advanced Control Systems (BTN07604)
<b>Friday 21/11/2025</b>	720 721 722 723	<b>Open Elective-I</b> a) Operating Systems (BTN07606) b) Renewable Energy Sources (BTN07607) c) Fiber Optic Communication (BTN07608) d) Sensors & Applications (BTN07609)
<b>Monday 24/11/2025</b>	724 725 726	<b>Self Learning</b> 1. <b>Hybrid Electric Vehicle Design</b> (BTN07610) 2. Electrical Safety (BTN07611) 3. Solar Photo voltaic System Design & Installation (BTN07612) <b>Time:10:00 am to 12:00 pm</b>
<b>Wednesday 26/11/2025</b>	727 728	<u>Honars Subject.</u> 1. Energy Management System for Electric Vehicle(BTN07614) 2. Distributed Energy Integration (BTN07613)

<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b><u>T.Y.(B.Tech.)(MechanicalEngg.)Sem-II(w.e.f.Nov.2020-21)</u> <u>(CBCS 2020 PATTERN)</u> <u>Time:10:00 am to 1:00pm</u></b>
<b>Wednesday 12/11/2025</b>	729	Electrical Utilization (197045602)

Day & Date	Sr. No.	<b>Fourth.Y. (B.Tech.) (Electrical Engg.) Sem-I (New w.e.f. June 2023)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time: 3:00 pm to 6:00pm</b>
<b>Tuesday</b> <b>18/11/2025</b>	730	Power Quality and FACTS (BTN07701)
<b>Wednesday</b> <b>19/11/2025</b>	731	Signals and System (BTN07702)
<b>Thursday</b> <b>20/11/2025</b>	732	Switchgear and Protection (BTN07703)
<b>Friday</b> <b>21/11/2025</b>	733 734 735 736 737 738	<b>Professional Elective-I</b> a) High Voltage Engineering (BTN07706) b) Power System and Operation Control (BTN07707) c) programmable Logic Control and SCADA (BTN07708) d) Instrumentation Process Control & Robotics (BTN07709) e) Neural Networks & Fuzzy Logic Control (BTN07710) f) Smart Grid Technology (BTN07721)
<b>Saturday</b> <b>22/11/2025</b>	739 740 741 742 743 744	<b>Professional Elective-II</b> a) Power System Planning (BTN07711) b) Extra High Voltage AC Transmission (BTN07712) c) Special Purpose Machines and their control (BTN07713) d) Advanced Electrical Drives (BTN07714) e) Advanced Applications in Solar Energy Technology (BTN07715) f) Electric and Hybrid Vehicle (BTN07716)
<b>Monday</b> <b>24/11/2025</b>	745	<b>Honors Subject</b> a) Testing & Certification of Electric & Hybrid vehicles (BTN07719) b) AI Application to Power system management (BTN07717)

Day&Date	Sr. No.	<b>Fourth.Y.(B.Tech.)(Electrical Engg.)Sem-II (New w.e.f.Nov.2023)</b> <b>(CBCSPATTERN)</b> <b>Time: 3:00 pm to 6:00 pm</b>
<b>Tuesday</b> <b>11/11/2025</b>	746 747 748	<b>Self Learning Module-III</b> a) Electrical Estimation, Installation, and Testing (BTN07802) b) Mechatronics (BTN07803) c) Alternate Energy Systems (BTN07804)
<b>Thursday</b> <b>13/11/2025</b>	749 750 751	<b>Self Learning Module-IV</b> a) Electrical Energy Audit and Management (BTN07805) b) High Voltage DC Transmission (BTN07806) c) Illumination Engineering (BTN07807)

Day & Date	Sr.No.	<b>S.Y.(B.Tech.)(Mechanical Engg.) Sem-I (w.e.f. June 2021)</b> <b>(CBCS 2020 PATTERN)</b> <b>Time:03.00 pm to 06.00 pm</b>
<b>Friday</b> <b>31/10/2025</b>	752	Internal Combustion Engines (BTN02306)

Day& Date	Sr. No.	<u>S.Y.(B.Tech.)(Computer Science&amp;Engg.) Sem-I (w.e.f. June 2021)</u> (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Friday 31/10/2025	753	Applied Mathematics-I(BTN03301)
Saturday 01/11/2025	754	Microprocessors (BTN03305)

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (Electronics &amp; Telecommunication Engineering &amp; Engg.) Sem-I (w.e.f. June 2021)</u> (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Friday 31/10/2025	755	Engineering Mathematics–III(BTN06301)
Saturday 01/11/2025	756	Digital Techniques(BTN06304)

Day&Date	Sr. No.	<u>S.Y.(B.Tech.)(Electrical Engg.)Sem- I (w.e.f. June 2021)</u> (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Friday 31/10/2025	757	Engineering Mathematics-III(BTN07301)
Saturday 01/11/2025	758	Electrical Machines-I(BTN07302)
Monday 03/11/2025	759	Power System I (BTN07304)
Tuesday 04/11/2025	760	Electronic devices and Circuits (BTN07305)
Thursday 06/11/2025	761	Electrical Measurement and Instrumentation (BTN07303)

Please visit –sus.ac.in

Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/1400

Date: 23/07/2025

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 Network Theory Analysis
BTN06303	Network Theory and Analysis	ENTPCC-01	
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		