



PUNYASHLOKAHILYADEVIHOLKAR SOLAPURUNIVERSITY, SOLAPUR

EXAM OF 2026

SEMESTER PATTERN EXAMINATION

DRAFT 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. [9]

MAR./APR-2026 EXAMINATION TO BE HELD IN APR.-2026

- 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.
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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 द्यावेत.

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.	F.Y. (B.Tech.) Sem – I (New w.e.f. June 2023) (NEP CBCS PATTERN JUNE-2023) Time: 10.00 am to 01.00 pm
Thursday 30/04/2026	1	Engineering Mathematics-I(BTCE0103) /(BTCSE0103)/(BTETE0103)/ (BTEE0103)/(BTME0103)/ (BTECE0103)/(BTMRE103)/(BTAI0103)/ (BTMRE0103)
Saturday 02/05/2026	2	Engineering Mechanics (BTCE0106)/ (BTCSE0106) / (BTETE0106)/ (BTEE0106)/ (BTME0106)/(BTECE0106)/(BTMRE106)/(BTAI0106)/ (BTMRE0106)
Monday 04/05/2026	3	Engineering Physics / (BTCE0101)/ (BTCSE0101)/ (BTETE0101)/ (BTEE0101)/ (BTME0101)/ (BTECE0101)/(BTMRE101)/(BTAI0101)/ (BTMRE0101)
Wednesday 06/05/2026	4	Engineering Chemistry \$ (BTCE0102) /(BTCSE0102) / (BTETE0102)/ (BTEE0102)/ (BTME0102)/ (BTECE0102)/(BTMRE102)/(BTAI0102)/ (BTMRE0102)
Thursday 07/05/2026	5	Basics of Civil and Mechanical Engineering /(BTCE0104)/ (BTCSE0104) / (BTETE0104)/ (BTEE0104)/ (BTME0104)/(BTECE0104)/ (BTMRE104)/(BTAI0104)/(BTMRE0104)
Friday 08/05/2026	6	Basic Electrical & Electronics Engineering (BTCE0105) / (BTCSE0105)/(BTETE0105)/ (BTEE0105)/ (BTME0105)/(BTECE0105)/ (BTMRE105)/(BTAI0104)/(BTMRE0105)

Day & Date	Sr. No.	F.Y. (B.Tech.) Sem – II (NEW w.e.f. Nov. 2023) (NEPCBCS-2023 PATTERN) Time:3.00 pm to 6.00 pm
Monday 04/05/2026	7	Engineering Physics (BTCE0201/ BTME0201/ BTETE0201/ BTCSE0201/ BTEE0201)/(BTECE0201)/BTIT0201/BTAI0201/ BTMRE0201
Wednesday 06/05/2026	8	Engineering Chemistry (BTCE0202/ BTME0202/ BTETE0202/ BTCSE0202/ BTEE0202)/ (BTECE0202)/BTIT0202/BTAI0202/ BTMRE0202
Thursday 07/05/2026	9	Basics of Civil and Mechanical Engineering (BTCE0204/ BTME0204/ BTETE0204/ BTCSE0204/ BTEE0204)/ (BTECE0204)/BTIT0204/ BTAI0204/BTMRE0204
Friday 08/05/2026	10	Basic Electrical & Electronics Engineering (BTCE0205/ BTME0205/ BTETE0205/ BTCSE0205/ BTEE0205)/ (BTECE0205)/BTIT0205/ BTAI0205/BTMRE0205
Saturday 09/05/2026	11	Engineering Mathematics – II (BTCE0203/ BTME0203/ BTETE0203/BTCSE0203/ BTEE0203)/ (BTECE0203)/BTIT0203/BTAI0203/ BTMRE0203

Day & Date	Sr. No.	<u>F.Y. (B.Tech.) Sem – II (w.e.f. Nov. 2020)</u> (CBCS-2020PATTERN) Time:3.00 pm to 7.00 pm
Monday 04/05/2026	12	Engineering Graphics & CAD(BTN10206)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Civil Engg.) Sem – I (New w.e.f. June 2024)</u> (NEP CBCS 2023 PATTERN) Time:03.00 Pm to 06.00 pm
Thursday 30/04/2026	13	Structural Mechanics –I (CIVPCC-01)
Saturday 02/05/2026	14	Fluid Mechanics and Machines (CIVPCC-02)
Monday 04/05/2026	15	Surveying and Geomatics (CIVPCC-03)
Tuesday 05/05/2026	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)
Wednesday 06/05/2026	22 23 24 25	Honors 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)
Thursday 07/05/2026	26	Universal Human Values (VEC-01) MCQ paper(1.5 hour i.e. 90 mint.)

Day&Date	Sr. No.	S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Nov. 2024) (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 11/05/2026	27	Structural Mechanics-II (CIVPCC-04)
Tuesday 13/05/2026	28	Building and Infrastructure Planning (CIVPCC-05)
Wednesday 15/05/2026	29	Environmental Engineering (CIVPCC-06)
Thursday 18/05/2026	30 31 32 33 34 35 36	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)
Saturday 20/05/2026	37 38 39 40	Honors 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)
Friday 22/05/2026	41	A) Professional Ethics (VEC-02)MCQ paper(Time:10.00 am to 11.30 am) B) Engineering Mathematics-III (BTN01404)

Day & Date	Sr.No.	S.Y. (B.Tech. Mech. Engg.) Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN) Time:03.00 Pm to 06.00 pm
Thursday 30/04/2026	42	Applied Thermodynamics (MECHPCC-01)
Saturday 02/05/2026	43	Manufacturing Processes (MECHPCC-02)
Monday 04/05/2026	44	Mechanics of Materials (MECHPCC-03)
Tuesday 05/05/2026	45 46 47 48 49 50	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)
Wednesday 06/05/2026	51 52	Honors Industrial Robotics (MechHon-01A) OR Introduction to Automobile Engineering (MechHon-01B)
Thursday 07/05/2026	53	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day & Date	Sr.No.	S.Y.(B.Tech.) (Mechanical Engg.) Sem–I (w.e.f.June 2021) (CBCS 2020 PATTERN) Time:03.00 pm to 06.00 pm
Thursday 30/04/2026	54	Internal Combustion Engines (BTN02306)

Day&Date	Sr. No.	S.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov 2024) (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 11/05/2026	55	Kinematics and Theory of Machine (MECHPCC-04)
Tuesday 13/05/2026	56	Machine Drawing (MECHPCC-05)
Wednesday 15/05/2026	57	Fluid mechanics and Fluid Machines (MECHPCC-06)
Thursday 18/05/2026	58 59 60 61 62 63 64	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)
Saturday 20/05/2026	65 66	Honors Machine Vision (MechHon-02A) OR Introduction to Electric and Hybrid Vehicles (MechHon-02B)
Friday 22/05/2026	67	A) Professional Ethics (VEC-02)MCQ paper(Time:10.00 am to 11.30am) B) Engineering Mathematics-III (BTN02401) C) Mechatronic Systems (BTN02408)

Day& Date	Sr. No.	S.Y.(B.Tech.) (Electronics Engg.)Sem-II (New w.e.f.Nov. 2024) (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 11/05/2026	68	Signals& Systems (BTN04401)
Tuesday 13/05/2026	69	Control Systems (BTN04402)
Wednesday 15/05/2026	70	Data Structures and Algorithms (BTN04405)
Thursday 18/05/2026	71	Analog Integrated Circuits (BTN04403)
Saturday 20/05/2026	72	Analog Communication (BTN04404)
Friday 22/05/2026	73 74 75	Computational Statistics (BTN04407) OR Database Management Systems (BTN04408) OR Fundamentals of IOT(BTN04409)

Day & Date	Sr.No.	S.Y. (B.Tech. Computer Science & Engg.) Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN) Time: 03.00 pm to 06.00 pm
Thursday 30/04/2026	76	Discrete Mathematical Structure (CSEPCC-01)
Saturday 02/05/2026	77	Computer Graphics (CSEPCC-02)
Monday 04/05/2026	78	Data Structure (CSEPCC-03)
Tuesday 05/05/2026	79 80 81 82 83 84	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)
Wednesday 06/05/2026	85 86 87	Honors Machine Learning (CSEHON-01A) OR Cryptography (CSEHON-01B) OR Mathematics for Data Science (CSEHON-01C)
Thursday 07/05/2026	88	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 & Engg.) Sem-I (w.e.f. June 2021)</u> (CBCS 2020 PATTERN) Time: 030.00 pm to 06.00 pm
Thursday 30/04/2026	89	Applied Mathematics-I(BTN03301)
Saturday 02/05/2026	90	Microprocessors (BTN03305)

Day& Date	Sr. No.	<u>S.Y.(B.Tech.)(Computer Science & Engg.)Sem- II (New w.e.f.Nov.2024)</u> (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 11/05/2026	91	Computer Organization and Architecture (CSEPCC-04)
Tuesday 13/05/2026	92	Theory of Computation (CSEPCC-05)
Wednesday 15/05/2026	93	Computer Networks (CSEPCC-06)
Thursday 18/05/2026	94 95 96 97 98 99 100	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)
Saturday 20/05/2026	101 102 103	Honors Reinforcement Learning (CSEHON-02A) OR Network Security and Secure Coding (CSEHON-02B) OR Data Pre-processing& Visualization (CSEHON-02C)
Friday 22/05/2026	104	A) Professional Ethics (VEC-02) MCQ paper(Time:10.00 am to 11.30 am) B) Applied Mathematics-II (BTN03401)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Electronics & Telecommunication Engg.)</u> <u>Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN)</u> Time: 03.00 pm to 06.00 pm
Thursday 30/04/2026	105	Network Theory Analysis (ENTPCC-01)
Saturday 02/05/2026	106	Electronics Circuit Analysis & Design (ENTPCC-02)
Monday 04/05/2026	107	Analog and Digital Communication (ENTPCC-03)
Tuesday 05/05/2026	108 109 110 111 112 113	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)
Wednesday 06/05/2026	114 115 116	Honors Computational Statistics (ENTHON-01A) OR Database Management System (ENTHON-01B) OR Railway Engineering: A Beginner's Perspective (ENTHON-01D)
Thursday 07/05/2026	117	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem-I (w.e.f. June 2021)</u> <u>(CBCS 2020 PATTERN)</u> Time: 03.00 pm to 06.00 pm
Thursday 30/04/2026	118	Engineering Mathematics–III(BTN06301)
Saturday 02/05/2026	119	Digital Techniques(BTN06304)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Electronics & Telecommunication Engg.) NEW Sem – II (New w.e.f. June 2024) (NEP CBCS PATTERN 2023)</u> Time:10.00 am to 1.00 pm
Monday 11/05/2026	120	Signals and Systems (ENTPCC-04)
Tuesday 13/05/2026	121	Control System (ENTPCC-05)
Wednesday 15/05/2026	122	Analog Integrated Circuits (ENTPCC-06)
Thursday 18/05/2026	123 124 125 126 127 128 129	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)
Saturday 20/05/2026	130 131 132 133	Honors Artificial Intelligence (ENTHON-02A) OR Machine Learning (ENTHON-02B) OR Industrial IoT (ENTHON-02C) OR Data Communication and Signaling in Railway(ENTHON-02D) Honors in Cyber Security (Stage-I) – Cryptography (BTN04410) Data Structures (BTN06405)
Friday 22/05/2026	134	A) Professional Ethics (VEC-02) MCQ paper(Time:10.00 am to 11.30 am) B) Principles of Digital Communication (BTN06403)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Electrical Engg.) Sem – I (New w.e.f. June 2024)</u> (NEP CBCS 2023 PATTERN) Time: 03.00 pm to 06.00 pm
Thursday 30/04/2026	134	Analog Electronics (EEPCC-01)
Saturday 02/05/2026	135	Power Plant Engineering and Elements of Power System (EEPCC-02)
Monday 04/05/2026	136	DC Machines and Transformer (EEPCC-03)
Tuesday 05/05/2026	137 138 139 140 141 142	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)

Wednesday 06/05/2026	143 144	Honors Electric Vehicle Technology (EEHn-01A) OR Advanced and Sustainable Energy Sources (EEHn-01B)
Thursday 07/05/2026	145	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

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
Thursday 30/04/2026	146	Engineering Mathematics-III(BTN07301)
Saturday 02/05/2026	147	Electrical Machines-I(BTN07302)
Monday 04/05/2026	148	Power System I (BTN07304)
Tuesday 05/05/2026	149	Electronic devices and Circuits (BTN07305)
Wednesday 06/05/2026	150	Electrical Measurement and Instrumentation (BTN07303)

Day & Date	Sr.No.	S.Y. (B.Tech. Electrical Engg.) Sem – II (New w.e.f. Nov. 2024) (NEP CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 11/05/2026	151	1) Electrical Transmission and Distribution (EEPCC-04) 2) Numerical Methods and Linear Algebra (BTN07401)
Tuesday 13/05/2026	152	1) Network Analysis (EEPCC-05) 2) Electrical Machines-II (BTN07402)
Wednesday 15/05/2026	153	1) AC Machines (EEPCC-06) 2) Power System-II (BTN07403)
Thursday 18/05/2026	154 155 156 157 158 159 160	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)
Saturday 20/05/2026	161 162	Honors Electric Motors and Controls for Electric Vehicle (EEHn-02A) OR Smart Energy Management System (EEHn-02B)
Friday 22/05/2026	163	1) Professional Ethics (VEC-02) MCQ paper (Time:10.00 am to 11.30 am) 2) Analog & Digital Integrated circuits (BTN07404)

Day & Date	Sr. No.	S.Y. (B.Tech. Electronics & Computer Engineering.) Sem – I (New w.e.f. June 2025) (NEP CBCS 2023 PATTERN) Time: 03.00 pm to 06.00 pm
Thursday 30/04/2026	164	Fundamentals Of Digital Techniques (ECEPCC-01)
Saturday 02/05/2026	165	Data Structures and Algorithms (ECEPCC-02)
Monday 04/05/2026	166	Electronic Devices and Circuit (ECEPCC-03)
Tuesday 05/05/2026	167 168 169 170 171 172	Open Elective-I 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)
Wednesday 06/05/2026	173 174	Multidisciplinary Minor I Fundamentals Of Digital Circuits (ECEMDM-01A) OR Fundamentals of Artificial Intelligence (ECEMDM-01B)
Thursday 07/05/2026	175 176 177	Honors 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

	178	Renewable Energy and Power Electronics - Solar and wind energy (ECEHON-01D)
Friday 08/05/2026	179	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day & Date	Sr. No.	<u>S.Y. (B.Tech. Electronics & Computer Engineering.) Sem – II</u> <u>(New w.e.f. June 2025) (NEP CBCS 2023 PATTERN)</u> Time: 03.00 pm to 06.00 pm
Monday 11/05/2026	180	Computer Architecture and Organization (ECEPCC-04)
Tuesday 13/05/2026	181	Network Theory and Linear Integrated Circuits (ECEPCC-05)
Wednesday 15/05/2026	182	Object Oriented Programming (ECEPCC-06)
Thursday 18/05/2026	183 184 185 186 187 188 189	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)
Saturday 20/05/2026	190 191	Multidisciplinary Minor II Microprocessors and Peripherals (ECEMDM-02A) OR Fundamentals of Machine Learning (ECEMDM-02B)
Friday 22/05/2026	192 193 194 195	Honors Ai Technology-Python for AI (ECEHON-02A) OR Ai Technology- Sensors, actuators and embedded systems (ECEHON-02B) OR Railway Engineering - Data Communication and Signaling in Railway (ECEHON-02C) OR Renewable Energy and Power Electronics - Advanced power converters and inverters (ECEHON-02D)
Monday 25/05/2026	196	Professional Ethics (VEC-02) (50 Mark) Time: 03.00 pm to 05.00 pm

Day & Date	Sr.No.	S.Y. (B.Tech. All Branch) Sem – I (New w.e.f. Nov. 2024) (NEP CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Saturday 09/05/2026		Multidisciplinary Minor I
	197	Civil Engineering: 1)Design Thinking: Business Innovation Framework (CIVMDM-01A) OR
	198	2)Introduction to Geographic Information System (CIVMDM-01B)
	199	Mechanical Engineering: 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR
	200	2)Industrial Management (MECHMDM-01B)
	201	Electronics and Telecommunication Engineering: 1)Digital Techniques (ENTMDM-01A) OR
	202	2)Sensor Technology (ENTMDM-01B)
	203	Computer Science and Engineering: 1)Programming basics using Python (CSEMDM-01A) OR
	204	2)Software Engineering (CSEMDM-01B)
	205	Electrical Engineering: 1)Electrical Technology (EEMDM-01A) OR
206	2)Basics of Electrical Vehicle (EEMDM-01B)	

Day&Date	Sr. No.	S.Y. (B.Tech.) (All Branch) Sem – II (New w.e.f. Nov. 2024) (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Tuesday 26/05/2026		Multidisciplinary Minor II
	207	Civil Engineering: 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR
	208	2) Urban Planning and Design (CIVMDM-02B)
	209	Mechanical Engineering: 1) Materials for Technolgy Development (MECHMDM-02A) OR
	210	2) Production and Operation Management (MECHMDM-02B)
	211	Electronics and Telecommunication Engineering: 1) Microcontroller (ENTMDM-02A) OR
	212	2) Fundamentals of IOT (ENTMDM-02B)
	213	Computer Science and Engineering: 1) Data Pre-processing & Visualization (CSEMDM-02A) OR
	214	2) Software Testing & Quality Assurance (CSEMDM-02B)
	215	Electrical Engineering: 1) Advanced application in renewable Energy (EEMDM-02A) OR
216	2) Electrical Vehicle Motors (EEMDM-02B)	

Day&Date	Sr. No.	<u>T.Y.(B.Tech.) (Civil Engg.)Sem-I (New w.e.f.June.2025)</u> (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	217	Design of Steel Structures (CIVPCC-07)
Saturday 02/05/2026	218	Transportation Engineering (CIVPCC-08)
Monday 04/05/2026	219	Geotechnical Engineering (CIVPCC-09)
Tuesday 05/05/2026	220 221 222	Programme Electives Course -I 1. Advanced Concrete Technology (CIVPEC-01A) 2. Engineering Geology and Material Science (CIVPEC-01B) 3. Water and Sanitation Infrastructure (CIVPEC-01C)
Wednesday 06/05/2026	223	Creativity and Design Thinking (AEC-02)
Thursday 07/05/2026	224 225 226 227	Honors 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.	T.Y.(B.Tech.)(Civil Engg.)Sem-I (w.e.f.June.2022) (CBCS 2020 PATTERN) (Old up to MAR-2026) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	228	Design of Steel Structures (BTN01501)
Saturday 02/05/2026	229	Geotechnical Engineering (BTN01502)
Monday 04/05/2026	230	Highway and Tunnel Engineering (BTN01503)
Tuesday 05/05/2026	231	Hydrology and Water Resources Engineering(BTN01504)
Wednesday 06/05/2026	232	Design of Concrete Structures I (BTN01505)
Thursday 07/05/2026	233	Environmental Engineering-II (BTN01506)
Friday 08/05/2026	234 235 236 237	<u>Honors Degree</u> 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)
Saturday 09/05/2026	238 239 240 241 242	<u>Self-Learning</u> 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) Time:10:00 am to 12:00 pm

Day&Date	Sr. No.	T.Y.(B.Tech.) (Civil Engg.)Sem-II (New w.e.f.June.2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Tuesday 12/05/2026	243	Design of Concrete Structures -I (CIVPCC-10)
Thursday 14/05/2026	244	Hydrology and Water Resources Engineering (CIVPCC-11)
Saturday 16/05/2026	245	Construction Management Practices (CIVPCC-12)
Tuesday 19/05/2026	246	Programme Electives Course -II
	247	A) Foundation Engineering (CIVPEC - 02A)
	248	B) Urban Transportation Planning (CIVPEC - 02B)
		C) Air and Noise Pollution and Control (CIVPEC - 02C)
Thursday 21/05/2026		Programme Electives Course -III
	249	A) Construction Productivity (CIVPEC - 03A)
	250	B) Planning for Sustainable Development (CIVPEC - 03B)
	251	C) Earthquake Engineering (CIVPEC - 03C)
Saturday 23/05/2026	252	Honors Honors in Innovation and Design Engineering (Stage-I) - Civil Engineering System Analysis and Design (CIVHON-04A) OR
	253	Honors in Infrastructure Engineering (Stage-I) - Bridge and Grade Separated Structures (CIVHON-04B) OR
	254	Honors in Sustainability Engineering (Stage-I) - Sustainable Engineering and Technology (CIVHON-04C) OR
	255	Honors in Railway Infrastructure (Stage-I) - High Speed Railway Infrastructure (CIVHON-04D)

Day&Date	Sr. No.	T.Y.(B.Tech.)(Civil Engg.)Sem– II (w.e.f.Nov.2022) (CBCS 2020 PATTERN) (Old up to OCT-2026) Time: 10:00 am to 1:00 pm
Tuesday 12/05/2026	256	Foundation Engineering (BTN01601)
Thursday 14/05/2026	257	Hydraulic Structures & Water Power Engg. (BTN01602)
Saturday 16/05/2026	258	Professional Elective-I A) Structural Analysis by Matrix Methods (BTN01608)
	259	B) Structural Dynamics (BTN01609)
	260	c) Design of Bridges (BTN01610)
	261	d) Design of Pre stressed concrete structures (BTN01611)
	262	e) Airport Planning and Design (BTN01612)
	263	f) Pavement Design (BTN01613)
	264	g) Construction Engineering Materials (BTN01614)
	265	h) Systems Engineering & Economics (BTN01615)
	266	i) Advanced Concrete Technology (BTN01616)
	267	j) Open Channel flow & River Hydraulics (BTN01617)
	268	k) Solid and Hazardous Waste Management (BTN01618)
	269	l) Urban Hydrology and Hydraulics (BTN01619)
Tuesday 19/05/2026	270	Design of Concrete Structures II (BTN01603)
Thursday 21/05/2026	271	Principles of Management and Quantitative Techniques (BTN01604)
Saturday 23/05/2026	272	Railway, Airport & Harbour Engineering (BTN01605)
Monday 25/05/2026		Honors Degree
	273	1. Disaster Preparedness and Response (BTN01620)
	274	2. Roads and Highway Project Development (BTN01621)
	275	3. Sustainable Materials and Green Buildings (BTN01622)
	276	4. Engineering System Design Optimization (BTN01623)

Day&Date	Sr. No.	Fourth.Y.(B.Tech.)(Civil Engg.)Sem-I (New w.e.f.June2023) (CBCS 2020 PATTERN) Time:03.00 pm. to 06.00pm.
Thursday 30/04/2026	277	Estimating, Costing and Valuation (BTN01701)
Saturday 02/05/2026	278	Earthquake Engineering (BTN01702)
Monday 04/05/2026	279	Construction Management and Practices (BTN01703)
Tuesday 05/05/2026	280 281 282 283 284 285 286 287 288 289	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)
Wednesday 06/05/2026	290 291 292 293	Honors Degree 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)

Day & Date	Sr. No.	Fourth.Y.(B.Tech.)(Civil Engg.)Sem-II (New w.e.f.June2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00 pm
Tuesday 12/05/2026	294	Professional Practice, Law & Ethics (BTN01801)
Thursday 14/05/2026	295 296 297 298 299 300 301	Professional Elective Course- III 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)
Saturday 16/05/2026	302 303 304 305	Self Learning Technical Course (Elective) a) Concrete composites (BTN01810) b) Rural Roads (BTN01812) c) TQM and MIS in Civil Engineering (BTN01813) d) Planning for Sustainable Development (BTN01814)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Mechanical Engg.)Sem-I (New w.e.f.Jun. 2025)</u> (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	306	Advance Manufacturing Technology (MECHPCC-07)
Saturday 02/05/2026	307	Design of Machine Elements (MECHPCC-08)
Monday 04/05/2026	308	Metallurgy (MECHPCC-09)
Tuesday 05/05/2026	309 310 311 312	Programme Electives Course -I 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)
Wednesday 06/05/2026	313	Creativity and Design Thinking (AEC-02)
Thursday 07/05/2026	314 315	Honors Honors in Robotics Engineering- Industrial Networks and Controllers (Mech Hon - 03A) OR Honors in Electric Vehicle Engineering - Battery Technology and Charging Infrastructure (Mech Hon - 03B)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Mechanical Engg.)Sem-I (Neww.e.f.June2022)</u> (CBCS 2020 PATTERN) (Old UP TO MAR-2026) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	316	Design of Machine Elements (BTN02501)
Saturday 02/05/2026	317	CAD-CAM-CAE (BTN02502)
Monday 04/05/2026	318	Metallurgy (BTN02503)
Tuesday 05/05/2026	319	Industrial Engineering (BTN02504)
Wednesday 06/05/2026	320 321 322 323	Professional Elective-III a) GAS TURBINES(BTN02514) b) Tool Engineering (BTN02515) (Time:10.00 am to 2:00pm) c) Industrial Hydraulics &Pneumatics (BTN02516) d) Mechanical Vibrations (BTN02517)
Thursday 07/05/2026	324 325 326 327	Honors Degree 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)

Friday 08/05/2026	328 329 330 331 332	Time: 10:00 am to 12:00 pm Self Learning 1.Economics (BTN02508) 2.IntellectualProperty Rights for Technology Development And Management (BTN02509) 3.IntroductiontoSociology (BTN02510) 4.StressandCoping (BTN02511) 5.Professional Ethics & Human Value (BTN02512)
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Day&Date	Sr. No.	T.Y.(B.Tech.) (Mechanical Engg.)Sem-II (New w.e.f.Jun. 2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Tuesday 12/05/2026	333	Transmission System Design (MECHPCC-10)
Thursday 14/05/2026	334	Heat Transfer (MECHPCC-11)
Saturday 16/05/2026	335	Instrumentation and Control Engineering (MECHPCC-12)
Tuesday 19/05/2026	336 337 338 339	Programme Electives Course -II 1) Plastic Engineering (MECHPEC – 02A) 2) Tool engineering (MECHPEC – 02B) 3) Automobile Engineering (MECHPEC – 02C) 4) CAD-CAM-CAE (MECHPEC – 02D)
Thursday 21/05/2026	340 341 342 343	Programme Electives Course -III 1) Finite Element Method (MECHPEC – 03A) 2) Industrial Engineering (MECHPEC – 03B) 3) Power plant and Energy Engineering (MECHPEC – 03C) 4) Railway Transportation (MECHPEC – 03D)
Saturday 23/05/2026	344 345	Honors Honors in Robotics Engineering- Advanced topics in Robotics (Mech Hon – 04A) OR Honors in Electric Vehicle Engineering - Advanced topics in Electric Vehicles (Mech Hon - 04B)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov.2022)</u> (CBCS 2020 PATTERN) (Old UP TO OCT- 2026) Time: 10:00 am to 1:00pm
Tuesday 12/05/2026	346	Transmission System Design (BTN02601)
Thursday 14/05/2026	347	Instrumentation and Control Engineering (BTN02602)
Saturday 16/05/2026	348	Heat Transfer (BTN02603)
Tuesday 19/05/2026	349	Industrial & Quality Management (BTN02604)
Thursday 21/05/2026	350	Professional Elective-IV
	351	A) Project Management (BTN02608)
	352	B) Industrial Product Design (BTN02609)
	362	C)Plastic Engineering (BTN02610)
		D) Railway Transportation System (BTN02611)
Saturday 23/05/2026		<u>Honors Degree</u>
	353	a) Industrial Networks and Controllers (BTN02612)
	354	b) 3D Printing Hardware & Software (BTN02613)
	355	c) Energy Conversion Systems (BTN02614)
	356	d) Battery Technology and Charging Infrastructure (BTN02615)

Day&Date	Sr. No.	Fourth.Y.(B.Tech.)(Mechanical Engg.)Sem-I (Neww.e.f.June2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Thursday 30/04/2026	357	Refrigeration and Air Conditioning(BTN02701)
Saturday 02/05/2026	358	Automobile Engineering(BTN02702)
Monday 04/05/2026	359	Automation and Robotics (BTN02703)
Tuesday 05/05/2026	360 361 362 363	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)
Wednesday 06/05/2026	364 365 366 367	Honors Degree 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)
Thursday 07/05/2026	368 369 370 371 372	Open Elective 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.	<u>T.Y. (B.Tech.) (Electronics Engg.) Sem– I (New w.e.f. NOV. 2022)</u> (CBCS 2020 PATTERN) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	373	Digital Communication (BTN04501)
Saturday 02/05/2026	374	Digital Signal Processing (BTN04502)
Monday 04/05/2026	375	Micro controllers (BTN04503)
Tuesday 05/05/2026	376 377 378 379	Open Elective- I a) Information Technology and Management(BTN04513) b) Managerial Economics(BTN04514) c) Project Management and Operation Research(BTN04515) d) Business Ethics(BTN04516)
Wednesday 06/05/2026	379 380 381	Honors Degree a) Artificial Intelligence(BTN04517) b) Data Processing & Feature Engineering(BTN04518) c) Industrial IoT(BTN04519)
Thursday 07/05/2026	382 383 384 385 386	Time:10:00 am to 12:00 pm Self Learning 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.	<u>T.Y. (B.Tech.) (Electronics Engg.) Sem– II (Neww.e.f. NOV. 2022)</u> (CBCS 2020 PATTERN) Time:10.00am to1.00pm
Tuesday 12/05/2026	387	Computer Networks(BTN04601)
Thursday 14/05/2026	388	Embedded Systems(BTN04602)
Saturday 16/05/2026	389	VLSI Design(BTN04603)
Tuesday 19/05/2026	390 391 392	Professional Elective-I a) Image Processing(BTN04609) b) Computer Organization(BTN04610) c) Multimedia Systems(BTN04611)
Thursday 21/05/2026	393 394 395 396	Open Elective-II A) Operating Systems(BTN04605) b) Sensors and Applications(BTN04606) c) Open Source Technologies(BTN04607) d) Power System Planning(BTN04608)
Saturday 23/05/2026	397 398 399	<u>Honors Degree</u> a) AI/ML -Machine Learning(BTN04612) b) Data Science Machine Learning(BTN04613) c) IoT Cloud Platform(BTN04614)

Day&Date	Sr. No.	<u>Fourth.Y.(B.Tech.)(Electronics Engg.)Sem–I(New w.e.f.June2023)</u> (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Thursday 30/04/2026	400	Advanced Communication Engineering (BTN04701)
Saturday 02/05/2026	401	Power Electronics (BTN04702)
Monday 04/05/2026	402	Mobile Technology (BTN04703)
Tuesday 05/05/2026	403 404 405	Elective-I a) CMOS VLSI Design (BTN04706) b) PLC and Industrial Controllers (BTN04707) c) Software Engineering (BTN04708)
Friday 21/11/2025	406 407 408	Honors 1. AI Applications (BTN04710) 2. Data Science- Business Intelligence (BTN04712) 3. IOT- Architecting IOT Solutions (BTN04714)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.)(Electronics Engg.)Sem-II (New w.e.f.Oct.2023) (CBCSPATTERN) Time:3.00pm to6.00pm
Tuesday 12/05/2026	409 410 411	Elective-III a) Speech Processing (BTN04806) b) Mechatronics (BTN04807) c) Cloud Computing (BTN04808)
Thursday 14/05/2026	412 413 414 415	Self-Learning II – Technical a) Electronic Instrumentation (BTN04802) b) Biomedical Instrumentation (BTN04803) c) Cyber Security (BTN04804) d) Approved MOOC Course (BTN04805) (Time:3.00pm to5.00pm)

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
Thursday 30/04/2026	416	Design And Analysis of Algorithms (CSEPCC-07)
Saturday 02/05/2026	417	Operating System (CSEPCC-08)
Monday 04/05/2026	418	Database Engineering (CSEPCC-09)
Tuesday 05/05/2026	419 420 421 422	Programme Elective Course-I 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)
Wednesday 06/05/2026	423	Creativity and Design Thinking (AEC-02)
Thursday 07/05/2026	424 425 426	Honors 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.	T.Y.(B.Tech.)(Computer Science & Engg.)Sem-I (w.e.f.June 2022) (CBCS 2020 PATTERN) (OLD UP TO MAR-2026) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	427	Artificial Intelligence(BTN03501)
Saturday 02/05/2026	428	Operating Systems (BTN03502)
Monday 04/05/2026	429	Database Engineering (BTN03503)
Tuesday 05/05/2026	430	Design and Analysis of Algorithm (BTN03504)
Wednesday 06/05/2026	431 432 433	<u>Honors Degree</u> a) Reinforcement Learning (BTN03512) b) Data Preprocessing & Visualization (BTN03513) c) Network Security and Secure Coding (BTN03514)
Thursday 07/05/2026	434 435 436 437 438	Time:10:00 am to 12:00 pm Self Learning 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)

Day&Date	Sr. No.	T.Y.(B.Tech.)(Computer Science & Engg.)Sem-II (New w.e.f. NOV. 2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Tuesday 12/05/2026	439	Software Engineering (CSEPCC-10)
Thursday 14/05/2026	440	Cloud Computing (CSEPCC-11)
Saturday 16/05/2026	441	System software (CSEPCC-12)
Tuesday 19/05/2026	442 443 444 445	Programme Elective Course-II 1) Data Mining (CSEPEC-02A) 2) Network Security (CSEPEC-02B) 3) Advanced Operating System (CSEPEC-02C) 4) Management Information System (CSEPEC-02D)
Thursday 21/05/2026	446 447 448	Programme Elective Course-III 1) Internet of Things (CSEPEC-03A) 2) Big Data Analytics (CSEPEC-03B) 3) Artificial Neural Network (CSEPEC-03C)
Saturday 23/05/2026	449 450 451	Honors Honors in Artificial Intelligence and Machine Learning- Deep Learning (CSEHON-04A) OR Honors in Cyber Security- Information Auditing and Monitoring (CSEHON-04B) OR Honors in Data Science- Predictive Analytics (CSEHON-04C)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Computer Science and Engg.)Sem-II (New w.e.f.Nov2022)</u> (CBCS 2020 PATTERN) (OLD UP TO OCT-2026) Time:10:00am to 1:00pm
Tuesday 12/05/2026	452	System Programming (BTN03601)
Thursday 14/05/2026	453	Internet of Things (BTN03602)
Saturday 16/05/2026	454	Software Engineering (BTN03603)
Tuesday 19/05/2026	455 456 457	Professional Elective-I a) Cloud Computing (BTN03606) b) Augmented Reality/Virtual Reality (BTN03607) c) Network Security (BTN03608)
Thursday 21/05/2026	458 459 460	Open Elective a) Principles of Management: Practicing Ethics, Responsibility, Management (BTN03609) b) Engineering Economics and Management (BTN03610) c) Disaster Management (BTN03611)
Saturday 23/05/2026	461 462 463	Honors Degree 1.Natural Language Processing (BTN03612) 2.Machine Learning (BTN03613) 3.Cyber forensic (BTN03614)

Day & Date	Sr. No.	<u>Fourth. Y.(B.Tech.)(Computer and Engg.)Sem-I (New w.e.f.June 2023)</u> (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Thursday 30/04/2026	464	Software Testing and Quality Assurance (BTN03701)
Saturday 02/05/2026	465	Compiler Construction (BTN03702)
Monday 04/05/2026	466 467 468 469	Elective-II a) Business Intelligence (BTN03706) b) Data Mining (BTN03707) c) Distributed Systems (BTN03708) d) Management Information System (BTN03709)
Tuesday 05/05/2026	470 471 472	Elective-III a) Human Computer Interaction (BTN03710) b) Big Data Analytics (BTN03711) c) Information Retrieval (BTN03712)
Wednesday 06/05/2026	473 474 475	Honors Degree a) Deep Learning (BTN03713) b) Predictive Analytics (BTN03715) c) Information Auditing and monitoring (BTN03717)
Thursday 07/05/2026	476 477	Self Learning 1.UI/UX Technology(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
Thursday 30/04/2026	478	Electromagnetic Field Theory (ENTPCC-07)
Saturday 02/05/2026	479	Digital Signal Processing (ENTPCC-08)
Monday 04/05/2026	480	Microcontrollers and Applications (ENTPCC-09)
Tuesday 05/05/2026	481 482	Programme Elective Course-I 1. Digital Logic Design (ENTPEC – 01A) 2. Fundamentals of Image Processing (ENTPEC – 01B)
Wednesday 06/05/2026	483	Creativity and Design Thinking (AEC-02)
Thursday 07/05/2026	484 485 486	Honors 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
Thursday 30/04/2026	487	Electromagnetic Field Theory (BTN06501)
Saturday 02/05/2026	488	Microcontrollers and Applications (BTN06502)
Monday 04/05/2026	489	Digital Signal Processing (BTN06503)
Tuesday 05/05/2026	490 491 492 493	Open Elective-I a) Managerial Economics (BTN06511) b) Project Management and Operation Research (BTN06512) c) Information Technology and Management (BTN06513) d) Business Ethics (BTN06514)

Wednesday 06/05/2026	494 495 496 497 498	<u>Honors Degree</u> 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)
Thursday 07/05/2026	489 490 491 492 493	Time: 10:00 am to 12:00 pm Self Learning 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 EnggSem– II (New w.e.f Jun 2025) (CBCS 2023 PATTERN) Time: 10:00 am to 01:00 pm
Tuesday 12/05/2026	494	Advanced Mobile Communication (ENTPCC-10)
Thursday 14/05/2026	495	Electronics System Design (ENTPCC-11)
Saturday 16/05/2026	496	Optical Communication (ENTPCC-12)
Tuesday 19/05/2026	497 498	Programme Elective Course-II 1) VLSI Design (ENTPEC - 02A) 2) Digital Image Processing (ENTPEC – 02B)
Thursday 21/05/2026	499	Programme Elective Course-III 1) Embedded Systems (ENTPEC – 03A) 2) Pattern Recognition (ENTPEC – 03B)
Saturday 23/05/2026	500 501 502	Honors Honors in Artificial Intelligence and Machine Learning - AI Applications (ENTHON-04A) OR Honors in Data Science- Business Intelligence (ENTHON-04B) OR Honors in Internet of Things- Architecting IoT Solutions (ENTHON-04C)

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
Tuesday 12/05/2026	503	Antenna & Wave Propagation (BTN06601)
Thursday 14/05/2026	504	Embedded System(BTN06602)
Saturday 16/05/2026	505	Electronic System Design(BTN06603)
Tuesday 19/05/2026	506 507 508	Professional Elective-I a) Optical Fiber Communication(BTN06609) b) . Image and Video Processing(BTN06610) c) Multimedia Communication Technology(BTN06611)
Thursday 21/05/2026	509 510 511 512	Open Elective-II a) Sensors and Applications(BTN06605) b) Open Source Technologies(BTN06606) c) Operating Systems(BTN06607) d) Power System Planning(BTN06608)
Saturday 23/05/2026	513 514 515 516 517	<u>Honors Degree</u> 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.	Fourth.Y.(B.Tech.)(E&TC Engg.)Sem-I(New w.e.f.June2023) (CBCSPATTERN) Time: 3:00 pm to 6:00pm
Thursday 30/04/2026	518	Microwave Engineering (BTN06701)
Saturday 02/05/2026	519	Data Communication (BTN06702)
Monday 04/05/2026	520	VLSI Design (BTN06703)
Tuesday 05/05/2026	521 522 523	Professional Elective-II a) PLC and Industrial Controllers (BTN06707) b) Mobile Communication (BTN06708) c) DSP Processor and application (BTN06709)
Wednesday 06/05/2026	524 525 526 527 528	Honors Degree 1. AI Applications (BTN06710) 2. Data Science- Business Intelligence (BTN06713) 3. IOT- Architecting IOT Solutions (BTN06715) 4. Cyber Security - Information Security and Audit (BTN06719) 5. Railway Engineering -Advanced Communication and Modern Signaling in Railway (BTN06717)
Thursday 07/05/2026	529	Research Methodology (BTN06704)

Day & Date	Sr. No.	Fourth.Y.(B.Tech.) (E&TC Engg.)Sem-II (New w.e.f.Oct.2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00 pm
Tuesday 12/05/2026	530 531 532	Professional Elective-III a. Wireless Sensor Networks (BTN06802) b. Satellite Communication (BTN06803) c. Software Defined Radio (BTN06804) Time: 3:00 pm to 5:00 pm
Thursday 14/05/2026	533 534 535 536	Self Learning Module-II a. Electric Vehicles (BTN06805) b. Mechatronics (BTN06806) c. Biomedical Instrumentation (BTN06807) d. MOOC / University Defined Courses) (BTN06808) Time: 3:00 pm to 5:00 pm

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(ElectricalEngg.)Sem-I(New w.e.f.Jun 2025)</u> (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	537	Electromagnetic Engineering (EEPCC-07)
Saturday 02/05/2026	538	Power System Analysis (EEPCC-08)
Monday 04/05/2026	539	Linear Control System (EEPCC-09)
Tuesday 05/05/2026	540 541 542	Programme Elective Course-I 1) Advanced Microcontroller Systems (EEPEC-01A) 2) Advanced Electrical Machines (EEPEC-01B) 3) Hybrid Electrical Vehicle Design (EEPEC-01C)
Wednesday 06/05/2026	543	Creativity and Design Thinking (AEC-02)
Thursday 07/05/2026	544 545	Honors 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.	T.Y.(B.Tech.)(ElectricalEngg.)Sem-I(New w.e.f.June 2022) (CBCS 2020 PATTERN)(OLD UP TO MAR-2026) Time:10:00 am to 01:00 pm
Thursday 30/04/2026	546	Power System-III(BTN07501)
Saturday 02/05/2026	547	Linear Control System(BTN07502)
Monday 04/05/2026	548	Advanced Microcontroller System (BTN07503)
Tuesday 05/05/2026	549	Electromagnetic Engineering (BTN07504)
Wednesday 06/05/2026	550 551 552 553	Open Elective-I a) Information Technology & Management(BTN07512) b) Advanced Electrical Machines (BTN07513) c) Business Ethics(BTN07514) d) Managerial Economics(BTN07515)
Thursday 07/05/2026	554 555	Honors Degree 1. Smart Energy Management System (BTN07516) 2. Electric Motors and Controls for Electric Vehicle (BTN07517)
Friday 08/05/2026	556 557 558 559 560	Time:10:00 am to 12:00 pm Self Learning 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)
Day&Date	Sr. No.	T.Y.(B.Tech.) (Electrical Engg.)Sem-II (New w.e.f.Jun 2025) (CBCS 2023 PATTERN) Time: 10:00 am to 01:00 pm
Tuesday 12/05/2026	561	Electric Traction & Utilization (EEPCC-10)
Thursday 14/05/2026	562	Power Electronics & Industrial Drives (EEPCC-11)
Saturday 16/05/2026	563	Advanced Control System (EEPCC-12)
Tuesday 19/05/2026	564 565 566	Programme Elective Course-II 1) Power System Operation and Control (EEPEC – 02A) 2) Electrical Machine Design (EEPEC – 02B) 3) Programmable Logic Control and SCADA (EEPEC – 02C)
Thursday 21/05/2026	567 568 569 570	Programme Elective Course-III 1) Smart Grid Technology (EEPEC – 03A) 2) Extra High Voltage AC Transmission (EEPEC – 03B) 3) Energy Storage System (EEPEC – 03C) 4) Signal & System (EEPEC – 03D)

Saturday 23/05/2026	571	Honors Honors in Electrical Vehicle- Testing And Certification of Electric And Hybrid Vehicles (EEHn-04A)
	572	OR Honors in Sustainable Power Systems- AI Applications To Power Systems Management (EEHn-04B)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.) (Electrical Engg.)Sem-II (New w.e.f.Nov.2022)</u> <u>(CBCS 2020 PATTERN) (OLD UP TO OCT-2026)</u> <u>Time: 10:00 am to 1:00 pm</u>
Tuesday 12/05/2026	573	Electrical Machine Design (BTN07601)
Thursday 14/05/2026	574	Electrical Utilization (BTN07602)
Saturday 16/05/2026	577	Power Electronics & Industrial Drives (BTN07603)
Tuesday 19/05/2026	578	Advanced Control Systems (BTN07604)
Thursday 21/05/2026	579 580 581 582	Open Elective-I a) Operating Systems (BTN07606) b) Renewable Energy Sources (BTN07607) c) Fiber Optic Communication (BTN07608) d) Sensors & Applications (BTN07609)
Saturday 23/05/2026	583 584 585	Self Learning 1. Hybrid Electric Vehicle Design (BTN07610) 2. Electrical Safety (BTN07611) 3. Solar Photo voltaic System Design & Installation (BTN07612) Time:10:00 am to 12:00 pm
Monday 25/05/2026	586 587	Honars Subject, 1. Energy Management System for Electric Vehicle(BTN07614) 2. Distributed Energy Integration (BTN07613)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Electrical Engg.) Sem-I (New w.e.f. June 2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Thursday 30/04/2026	588	Power Quality and FACTS (BTN07701)
Saturday 02/05/2026	589	Signals and System (BTN07702)
Monday 04/05/2026	590	Switchgear and Protection (BTN07703)
Tuesday 05/05/2026	591 592 593 594 595 596	Professional Elective-I 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)
Wednesday 06/05/2026	597 598 599 600 601 602	Professional Elective-II 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)
Thursday 07/05/2026	603 604	Honors Subject a) Testing & Certification of Electric & Hybrid vehicles (BTN07719) b) AI Application to Power system management (BTN07717)

Day&Date	Sr. No.	Fourth.Y.(B.Tech.)(Electrical Engg.)Sem-II (New w.e.f.Nov.2023) (CBCS PATTERN) Time: 3:00 pm to 6:00 pm
Tuesday 12/05/2026	605 606 607	Self Learning Module-III a) Electrical Estimation, Installation, and Testing (BTN07802) b) Mechatronics (BTN07803) c) Alternate Energy Systems (BTN07804)
Thursday 14/05/2026	608 609 610	Self Learning Module-IV a) Electrical Energy Audit and Management (BTN07805) b) High Voltage DC Transmission (BTN07806) c) Illumination Engineering (BTN07807)

Day&Date	Sr. No.	T.Y. (B.Tech.) (All Branch) Sem-I (New w.e.f. June.2025) (CBCS 2023 PATTERN) Time: 10:00 am to 01:00 pm
Saturday 09/05/2026	611	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A)
	612	OR 2) Operation Research and Management (CIVMDM-03B)
	613	Mechanical Engineering: 1) Advanced Materials and Manufacturing Process (MECHMDM-03A)
	614	OR 2) Operation Research (MECHMDM-03B)
	615	Electronics and Telecommunication Engineering: 1) PIC Microcontroller (ENTMDM-03A)
	616	OR 2) IoT Networks and Security (ENTMDM-03B)
	617	Computer Science and Engineering: 1) Machine Learning (CSEMDM-03A)
	618	OR 2) Object Oriented Modeling and Design (CSEMDM-03B)
	619	Electrical Engineering: 1) Electrical Installation and Utilization (EEMDM-03A)
	620	OR 2) Electric Vehicle Controls (EEMDM-03B)

Day&Date	Sr. No.	T.Y.(B.Tech.) (Civil Engg.)Sem-II (New w.e.f.June.2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Wednesday 27/05/2026	621	Multidisciplinary Minor IV Civil Engineering: 1) New Product Development (CIVMDM-04A)
	622	OR 2) Disaster Management and Mitigation (CIVMDM-04B)
	623	Mechanical Engineering: 1) Renewable Energy Resources (MECHMDM-04A)
	624	OR 2) Project Management (MECHMDM-04B)
	625	Electronics and Telecommunication Engineering: 1) Advanced Microcontrollers (ENTMDM-04A)
	626	OR 2) Industrial IoT (ENTMDM-04B)
	627	Computer Science and Engineering: 1) Predictive Analytics (CSEMDM-04A)
	628	OR 2) Management Information System (CSEMDM-04B)
	629	Electrical Engineering: 1) Energy Audit, Conservation Economics and Policy (EEMDM-04A)
	630	OR 2) Electric Vehicle Battery Systems (EEMDM-04B)

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Ref No.: PAHSUS/EXAM/TIME-TABLE/2026/255

Date: 02/03/2026

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		No Equivalence
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		No Equivalence
BTN10206	Engineering Graphics and CAD		No Equivalence
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 Equivalence
BTN01304	Building Construction & Drawing		No Equivalence
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	CIVPCC-06	Environmental Engineering
BTN01402	Building Planning & Design	CIVPCC-05	Building and Infrastructure Planning
BTN01403	Structural Mechanics-II	CIVPCC-04	Structural Mechanics-II
BTN01404	Engineering Mathematics-III		No Equivalence
BTN01405	Engineering Geology	CIVPEC-01B	Engineering Geology and Material Science
BTN01407	Honors in Sustainability Engineering (Stage-I) - Environmental Laws and Impact Assessment	CIVHON-01C	Environmental Laws and Impact Assessment
BTN01408	Honors in Infrastructure Engineering (Stage-I) - Applications of Information Technology and Information Systems	CIVHON-01B	Applications of Information Technology and Information Systems
BTN01409	Honors in Design and Development (Stage-I) - Design Thinking	CIVHON-01A	Design Thinking
BTN01410	Honors in Disaster Management and Mitigation (Stage-I) - Disaster Management		No Equivalence

197042603	Design of Concrete Structures-I (Sem-6)	BTN01505	Design of Concrete Structures-I (Sem-5)
197042703	Design of Concrete Structures-II (Sem-7)	BTN01603	Design of Concrete Structures-II (Sem-6)
197042704	Earthquake Engineering (Sem-7)	BTN01702	Earthquake Engineering (Sem-7)
197042821	Advanced Concrete Technology (Sem-8)	CIVPEC-01A	Advanced Concrete Technology (Sem-6)

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		No Equivalence
BTN10206	Engineering Graphics and CAD		No Equivalence
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	MECHPCC-05	Machine Drawing Sem-IV
BTN02305	Microprocessin Automations		No Equivalence
BTN02306	Internal Combustion Engines		No Equivalence
BTN02307	Composite Material		No Equivalence
Pattern 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper Code	B.Tech Sem-IV NEW
BTN02401	Engineering Mathematics-III		No Equivalence
BTN02402	Manufacturing Technology	MECHPCC-07	Advance Manufacturing Technology
BTN02403	Fluid Mechanics & Fluid Machines	MECHPCC-06	Fluid Mechanics & Fluid Machines
BTN02404	Kinematics & Theory of Machines	MECHPCC-04	Kinematics & Theory of Machines
BTN02408	Mechatronic Systems		No Equivalence
BTN02409	Power Plant and Energy Engineering	EEPCC-02	Power Plant Engineering and Elements of Power System
BTN02410	Solid Mechanics		No Equivalence
BTN02411	Honors in Robotics Engineering (Stage-I) - Industrial Robotics	Mech Hon-01A	Industrial Robotics
BTN02412	Honors in 3-D Printing Engineering (Stage-I) -Introduction to 3D Printing		No Equivalence
BTN02413	Honors in Energy Engineering (Stage-I) - Renewable Energy Sources		No Equivalence
BTN02414	Honors in Electric Vehicles Engineering (Stage-I) -Introduction to Automobile Engineering	Mech Hon-01B	Introduction to Automobile Engineering

197041601	Machine Design-II (Sem-6)	BTN02601	Transmission System Design (Sem-6)
197041701	Refrigeration and Air Conditioning (Sem-7)	BTN02701	Refrigeration and Air Conditioning (Sem-7)
197041703	Robotics and Artificial Intelligence (Sem-7)	No Equivalence	No Equivalence
197047701	Power Electronics (Sem-7)	BTN04702	Power Electronics (Sem-7)
197045604	Signals & Systems (Sem-6)	BTN07702	Signals & Systems (Sem-7)
197045801	Power Quality & FACTS (Sem-8)	BTN07701	Power Quality & FACTS Sem-7)

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	BTCSE0106	Engineering Mechanics
BTN10106	Universal Human Values		No Equivalence
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 Equivalence
Pattern 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper Code	B.Tech Sem-III NEW
BTN03301	Applied Mathematics-I		No Equivalence
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		No Equivalence
Pattern 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper Code	B.Tech Sem-IV NEW
BTN03401	Applied Mathematics-II		No Equivalence
BTN03402	Theory of Computation	CSEPCC-05	Theory of Computation
BTN03403	Computer Organization and Architecture	CSEPCC-04	Computer Organization and Architecture
BTN03404	Computer Networks	CSEPCC-06	Computer Networks
BTN03406	Honors In Artificial Intelligence and Machine Learning (Stage-I) - Machine Learning	CSEHON-01A	Machine Learning
BTN03407	Honors In Data Science (Stage-I) - Mathematics for Data Science	CSEHON-01C	Mathematics for Data Science
BTN04410	Honors in Cyber Security (Stage-I) - Cryptography	CSEHON-01B	Cryptography

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		No Equivalence
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		No Equivalence
BTN10206	Engineering Graphics and CAD		No Equivalence

Pattern 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper Code	B.Tech Sem-III NEW
BTN06301	Engineering Mathematics–III		No Equivalence
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		No Equivalence
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	ENTPCC-05	Control System
BTN06402	Analog Integrated Circuits	ENTPCC-06	Analog Integrated Circuits
BTN06403	Principles of Digital Communication		No Equivalence
BTN06404	Signals and Systems	ENTPCC-04	Signals and Systems
BTN06405	Data Structures		No Equivalence
BTN04407	Honors in Artificial Intelligence and Machine Learning (Stage-I) - Computational Statistics	ENTHON-01A	Computational Statistics
BTN04408	Honors in Data Science (Stage-I) - Database Management Systems	ENTHON-01B	Database Management Systems
BTN04409	Honors in Internet of Things (Stage-I) - Fundamentals of IOT	ENTMDM-02B	Fundamentals of IOT
BTN04410	Honors in Cyber Security (Stage-I) - Cryptography		No Equivalence
BTN04411	Honors in Railway Engineering (Stage-I) - Railway Engineering: A Beginner's Perspective	ENTHON-01D	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	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	BTEE0106	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		No Equivalence
BTN07302	Electrical Machines-I		No Equivalence
BTN07303	Electrical Measurement and Instrumentation		No Equivalence
BTN07304	Power System I		No Equivalence
BTN07305	Electronic devices and Circuits		No Equivalence

Pattern 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper Code	B.Tech Sem-IV NEW
BTN07401	Numerical Methods and Linear Algebra		No Equivalence
BTN07402	Electrical Machines-II		No Equivalence
BTN07403	Power System-II		No Equivalence
BTN07404	Analog & Digital Integrated circuits		No Equivalence
BTN07405	Network Analysis	EEPCC-05	Network Analysis
BTN07407	Honors In Sustainable Power System (Stage-I) - Advanced and Sustainable Energy Sources	EEHn-01B	Advanced and Sustainable Energy Sources
BTN07408	Honors In Electrical Vehicle (Stage-I) Electric Vehicle Technology	EEHn-01A	Electric Vehicle Technology