



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2026

SEMESTER PATTERN EXAMINATION

FINAL 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. [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 for bidden 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
Monday 04/05/2026	1	Engineering Mathematics-I(BTCE0103)/(BTCSE0103)/(BTETE0103)/ (BTEE0103)/(BTME0103)/(BTECE0103)/(BTMRE103)/(BTAI0103)/ (BTMRE0103)
Wednesday 06/05/2026	2	Engineering Mechanics (BTCE0106)/(BTCSE0106)/(BTETE0106)/ (BTEE0106)/(BTME0106)/(BTECE0106)/(BTMRE106)/(BTAI0106)/ (BTMRE0106)
Friday 08/05/2026	3	Engineering Physics / (BTCE0101)/(BTCSE0101)/(BTETE0101)/ (BTEE0101)/(BTME0101)/(BTECE0101)/(BTMRE101)/(BTAI0101)/ (BTMRE0101)
Tuesday 12/05/2026	4	Engineering Chemistry \$ (BTCE0102)/(BTCSE0102)/(BTETE0102)/ (BTEE0102)/(BTME0102)/(BTECE0102)/(BTMRE102)/(BTAI0102)/ (BTMRE0102) Time:3.00 pm to 6.00 pm
Sunday 10/05/2026	5	Basics of Civil and Mechanical Engineering / (BTCE0104)/ (BTCSE0104)/(BTETE0104)/(BTEE0104)/(BTME0104)/(BTECE0104)/ (BTMRE104)/(BTAI0104)/(BTMRE0104) Time:3.00 pm to 6.00 pm
Saturday 23/05/2026	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
Saturday 16/05/2026	7	Engineering Physics (BTCE0201/ BTME0201/ BTETE0201/ BTCSE0201/ BTEE0201)/(BTECE0201)/BTIT0201/BTAI0201/ BTMRE0201
Tuesday 19/05/2026	8	Engineering Chemistry (BTCE0202/ BTME0202/ BTETE0202/ BTCSE0202/ BTEE0202)/(BTECE0202)/BTIT0202/BTAI0202/ BTMRE0202
Thursday 21/05/2026	9	Basics of Civil and Mechanical Engineering (BTCE0204/ BTME0204/ BTETE0204/ BTCSE0204/ BTEE0204)/(BTECE0204)/BTIT0204/ BTAI0204/BTMRE0204
Saturday 23/05/2026	10	Basic Electrical & Electronics Engineering (BTCE0205/ BTME0205/ BTETE0205/ BTCSE0205/ BTEE0205)/(BTECE0205)/BTIT0205/ BTAI0205/BTMRE0205
Tuesday 26/05/2026	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-2020 PATTERN) Time:3.00 pm to 7.00 pm
Saturday 16/05/2026	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
Monday 04/05/2026	13	Structural Mechanics –I (CIVPCC-01)
Wednesday 06/05/2026	14	Fluid Mechanics and Machines (CIVPCC-02)
Friday 08/05/2026	15	Surveying and Geomatics (CIVPCC-03)
Monday 11/05/2026	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 13/05/2026	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)
Friday 15/05/2026	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
Saturday 16/05/2026	27	Structural Mechanics-II (CIVPCC-04)
Tuesday 19/05/2026	28	Building and Infrastructure Planning (CIVPCC-05)
Thursday 21/05/2026	29	Environmental Engineering (CIVPCC-06)
Friday 22/05/2026	30 31 32 33 34 35 36	Open Elective-II Time: 03.00 pm to 06.00 pm 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)
Tuesday 26/05/2026	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 29/05/2026	41 42	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
Monday 04/05/2026	43	Applied Thermodynamics (MECHPCC-01)
Wednesday 06/05/2026	44	Manufacturing Processes (MECHPCC-02)
Friday 08/05/2026	45	Mechanics of Materials (MECHPCC-03)
Monday 11/05/2026	46 47 48 49 50 51	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 13/05/2026	52 53	Honors Industrial Robotics (MechHon-01A) OR Introduction to Automobile Engineering (MechHon-01B)
Friday 15/05/2026	54	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
Monday 04/05/2026	55	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
Saturday 16/05/2026	56	Kinematics and Theory of Machine (MECHPCC-04)
Tuesday 19/05/2026	57	Machine Drawing (MECHPCC-05)
Thursday 21/05/2026	58	Fluid mechanics and Fluid Machines (MECHPCC-06)
Friday 22/05/2026	59 60 61 62 63 64 65	Open Elective-II Time: 03.00 pm to 06.00 pm 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)
Tuesday 26/05/2026	66 67	Honors Machine Vision (MechHon-02A) OR Introduction to Electric and Hybrid Vehicles (MechHon-02B)
Friday 29/05/2026	68 69 70	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
Saturday 16/05/2026	71	Signals& Systems (BTN04401)
Tuesday 19/05/2026	72	Control Systems (BTN04402)
Thursday 21/05/2026	73	Data Structures and Algorithms (BTN04405)
Friday 22/05/2026	74	Analog Integrated Circuits (BTN04403) Time: 03.00 pm to 06.00 pm
Tuesday 26/05/2026	75	Analog Communication (BTN04404)
Friday 29/05/2026	76 77 78	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
Monday 04/05/2026	79	Discrete Mathematical Structure (CSEPCC-01)
Wednesday 06/05/2026	80	Computer Graphics (CSEPCC-02)
Friday 08/05/2026	81	Data Structure (CSEPCC-03)
Monday 11/05/2026	82 83 84 85 86 87	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 13/05/2026	88 89 90	Honors Machine Learning (CSEHON-01A) OR Cryptography (CSEHON-01B) OR Mathematics for Data Science (CSEHON-01C)
Friday 15/05/2026	91	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: 03.00 pm to 06.00 pm
Monday 04/05/2026	92	Applied Mathematics-I(BTN03301)
Wednesday 06/05/2026	93	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
Saturday 16/05/2026	94	Computer Organization and Architecture (CSEPCC-04)
Tuesday 19/05/2026	95	Theory of Computation (CSEPCC-05)
Thursday 21/05/2026	96	Computer Networks (CSEPCC-06)
Friday 22/05/2026	97 98 99 100 101 102 103	Open Elective-II Time: 03.00 pm to 06.00 pm 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)
Tuesday 26/05/2026	104 105 106	Honors Reinforcement Learning (CSEHON-02A) OR Network Security and Secure Coding (CSEHON-02B) OR Data Pre-processing& Visualization (CSEHON-02C)
Friday 29/05/2026	107 108	A) Professional Ethics (VEC-02) MCQ paper(Time:10.00 am to 11.30 am) B) Applied Mathematics-II (BTN03401)

Day & Date	Sr.No.	S.Y. (B.Tech. Electronics & Telecommunication Engg.) Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN) Time: 03.00 pm to 06.00 pm
Monday 04/05/2026	109	Network Theory Analysis (ENTPCC-01)
Wednesday 06/05/2026	110	Electronics Circuit Analysis & Design (ENTPCC-02)
Friday 08/05/2026	111	Analog and Digital Communication (ENTPCC-03)
Monday 11/05/2026	112 113 114 115 116 117	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 13/05/2026	118 119 120	Honors Computational Statistics (ENTHON-01A) OR Database Management System (ENTHON-01B) OR Railway Engineering: A Beginner's Perspective (ENTHON-01D)
Friday 15/05/2026	121	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day&Date	Sr. No.	S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem-I (w.e.f. June 2021) (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Monday 18/05/2026	122	Engineering Mathematics–III(BTN06301)
Wednesday 20/05/2026	123	Digital Techniques (BTN06304)

Day & Date	Sr.No.	S.Y. (B.Tech. Electronics & Telecommunication Engg.) NEW Sem – II (New w.e.f. June 2024) (NEP CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Saturday 16/05/2026	124	Signals and Systems (ENTPCC-04)
Tuesday 19/05/2026	125	Control System (ENTPCC-05)
Thursday 21/05/2026	126	Analog Integrated Circuits (ENTPCC-06)
Friday 22/05/2026	127 128 129 130 131 132 133	Open Elective-II Time: 03.00 pm to 06.00 pm 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)
Tuesday 26/05/2026	134 135 136 137 138 139	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 29/05/2026	140 141	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.	S.Y. (B.Tech. Electrical Engg.) Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN) Time: 03.00 pm to 06.00 pm
Monday 04/05/2026	142	Analog Electronics (EEPCC-01)
Wednesday 06/05/2026	143	Power Plant Engineering and Elements of Power System (EEPCC-02)
Friday 08/05/2026	144	DC Machines and Transformer (EEPCC-03)
Monday 11/05/2026	145 146 147 148 149 150	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 13/05/2026	151 152	Honors Electric Vehicle Technology (EEHn-01A) OR Advanced and Sustainable Energy Sources (EEHn-01B)
Friday 15/05/2026	153	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day&Date	Sr. No.	S.Y.(B.Tech.) (Electrical Engg.)Sem– I (w.e.f. June 2021) (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Monday 04/05/2026	154	Engineering Mathematics-III(BTN07301)
Wednesday 06/05/2026	155	Electrical Machines-I(BTN07302)
Friday 08/05/2026	156	Power System I (BTN07304)
Monday 11/05/2026	157	Electronic devices and Circuits (BTN07305)
Wednesday 13/05/2026	158	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
Saturday 16/05/2026	159	1) Electrical Transmission and Distribution (EEPCC-04)
	160	2) Numerical Methods and Linear Algebra (BTN07401)
Tuesday 19/05/2026	161	1) Network Analysis (EEPCC-05)
	162	2) Electrical Machines-II (BTN07402)
Thursday 21/05/2026	163	1) AC Machines (EEPCC-06)
	164	2) Power System-II (BTN07403)
Friday 22/05/2026	165 166 167 168 169 170 171	Open Elective-II Time: 03.00 pm to 06.00 pm 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)
Tuesday 26/05/2026	172	Honors Electric Motors and Controls for Electric Vehicle (EEHn-02A) OR
	173	Smart Energy Management System (EEHn-02B)
Friday 29/05/2026	174	1) Professional Ethics (VEC-02) MCQ paper (Time:10.00 am to 11.30 am)
	175	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
Monday 04/05/2026	176	Fundamentals Of Digital Techniques (ECEPCC-01)
Wednesday 06/05/2026	177	Data Structures and Algorithms (ECEPCC-02)
Friday 08/05/2026	178	Electronic Devices and Circuit (ECEPCC-03)
Monday 11/05/2026	179 180 181 182 183 184	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 13/05/2026	187 188 189 190	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 Renewable Energy and Power Electronics - Solar and wind energy (ECEHON-01D)
Friday 15/05/2026	191	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)

Day & Date	Sr. No.	S.Y. (B.Tech. Electronics & Computer Engineering.) Sem – II (New w.e.f. June 2025) (NEP CBCS 2023 PATTERN) Time: 03.00 pm to 06.00 pm
Saturday 16/05/2026	192	Computer Architecture and Organization (ECEPCC-04)
Tuesday 19/05/2026	193	Network Theory and Linear Integrated Circuits (ECEPCC-05)
Thursday 21/05/2026	194	Object Oriented Programming (ECEPCC-06)
Friday 22/05/2026	195 196 197 198 199 200 201	Open Elective-II Time: 03.00 pm to 06.00 pm 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)
Tuesday 26/05/2026	204 205 206 207	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)
Friday 29/05/2026	208	Professional Ethics (VEC-02) (50 Mark) Time: 03.00 pm to 05.00 pm

Day & Date	Sr. No.	<u>S.Y. (B.Tech. All Branch) Sem – I (New w.e.f. Nov. 2024)</u> (NEP CBCS PATTERN 2023) Time:10.00 am to 01.00 pm
Thursday 30/04/2026		Multidisciplinary Minor I Civil Engineering: 209 1)Design Thinking: Business Innovation Framework (CIVMDM-01A) OR 210 2)Introduction to Geographic Information System (CIVMDM-01B) Mechanical Engineering: 211 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR 212 2)Industrial Management (MECHMDM-01B) Electronics and Telecommunication Engineering: 213 1)Digital Techniques (ENTMDM-01A) OR 214 2)Sensor Technology (ENTMDM-01B) Computer Science and Engineering: 215 1)Programming basics using Python (CSEMDM-01A) OR 216 2)Software Engineering (CSEMDM-01B) Electrical Engineering: 217 1)Electrical Technology (EEMDM-01A) OR 218 2)Basics of Electrical Vehicle (EEMDM-01B) Electronics & Computer Engineering 185 1) Fundamentals Of Digital Circuits (ECEMDM-01A) OR 186 2) Fundamentals of Artificial Intelligence (ECEMDM-01B)

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (All Branch) Sem – II (New w.e.f. Nov. 2024)</u> (CBCS PATTERN 2023) Time:03:00 pm to 06:00 pm
Thursday 30/04/2026		Multidisciplinary Minor II Civil Engineering: 219 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 220 2) Urban Planning and Design (CIVMDM-02B) Mechanical Engineering: 221 1) Materials for Technology Development (MECHMDM-02A) OR 222 2) Production and Operation Management (MECHMDM-02B) Electronics and Telecommunication Engineering: 223 1) Microcontroller (ENTMDM-02A) OR 224 2) Fundamentals of IOT (ENTMDM-02B) Computer Science and Engineering: 225 1) Data Pre-processing & Visualization (CSEMDM-02A) OR 226 2) Software Testing & Quality Assurance (CSEMDM-02B) Electrical Engineering: 227 1) Advanced application in renewable Energy (EEMDM-02A) OR 228 2) Electrical Vehicle Motors (EEMDM-02B) Electronics & Computer Engineering 202 1) Microprocessors and Peripherals (ECEMDM-02A) OR 203 2) Fundamentals of Machine Learning (ECEMDM-02B)

Day&Date	Sr. No.	T.Y.(B.Tech.) (Civil Engg.) Sem-I (New w.e.f.June.2025) (CBCS 2023 PATTERN) Time: 10:00 am to 01:00 pm
Saturday 02/05/2026	229	Design of Steel Structures (CIVPCC-07)
Tuesday 05/05/2026	230	Transportation Engineering (CIVPCC-08)
Thursday 07/05/2026	231	Geotechnical Engineering (CIVPCC-09)
Saturday 09/05/2026	232 233 234	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)
Tuesday 12/05/2026	235	Creativity and Design Thinking (AEC-02)
Thursday 14/05/2026	236 237 238 239	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
Saturday 02/05/2026	240	Design of Steel Structures (BTN01501)
Tuesday 05/05/2026	241	Geotechnical Engineering (BTN01502)
Thursday 07/05/2026	242	Highway and Tunnel Engineering (BTN01503)
Saturday 09/05/2026	243	Hydrology and Water Resources Engineering(BTN01504)
Monday 11/05/2026	244	Design of Concrete Structures I (BTN01505)
Tuesday 12/05/2026	245	Environmental Engineering-II (BTN01506)
Thursday 14/05/2026	246 247 248 249	Honors Degree 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)
Sunday 10/05/2026	250 251 252 253 254	Self-Learning 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
Friday 15/05/2026	255	Design of Concrete Structures -I (CIVPCC-10)
Monday 18/05/2026	256	Hydrology and Water Resources Engineering (CIVPCC-11)
Wednesday 20/05/2026	257	Construction Management Practices (CIVPCC-12)
Friday 22/05/2026	258 259 260	Programme Electives Course -II A) Foundation Engineering (CIVPEC - 02A) B) Urban Transportation Planning (CIVPEC - 02B) C) Air and Noise Pollution and Control (CIVPEC - 02C)
Monday 25/05/2026	261 262 263	Programme Electives Course -III A) Construction Productivity (CIVPEC - 03A) B) Planning for Sustainable Development (CIVPEC - 03B) C) Earthquake Engineering (CIVPEC - 03C)
Wednesday 27/05/2026	264 265 266 267	Honors Honors in Innovation and Design Engineering (Stage-I) - Civil Engineering System Analysis and Design (CIVHON-04A) OR Honors in Infrastructure Engineering (Stage-I) - Bridge and Grade Separated Structures (CIVHON-04B) OR Honors in Sustainability Engineering (Stage-I) - Sustainable Engineering and Technology (CIVHON-04C) OR 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
Friday 15/05/2026	268	Foundation Engineering (BTN01601)
Monday 18/05/2026	269	Hydraulic Structures & Water Power Engg. (BTN01602)
Wednesday 20/05/2026	270	Professional Elective-I A) Structural Analysis by Matrix Methods (BTN01608)
	271	B) Structural Dynamics (BTN01609)
	272	c) Design of Bridges (BTN01610)
	273	d) Design of Pre stressed concrete structures (BTN01611)
	274	e) Airport Planning and Design (BTN01612)
	275	f) Pavement Design (BTN01613)
	276	g) Construction Engineering Materials (BTN01614)
	277	h) Systems Engineering & Economics (BTN01615)
	278	i) Advanced Concrete Technology (BTN01616)
	279	j) Open Channel flow & River Hydraulics (BTN01617)
	280	k) Solid and Hazardous Waste Management (BTN01618)
281	l) Urban Hydrology and Hydraulics (BTN01619)	
Friday 22/05/2026	282	Design of Concrete Structures II (BTN01603)
Monday 25/05/2026	283	Principles of Management and Quantitative Techniques (BTN01604)
Wednesday 27/05/2026	284	Railway, Airport & Harbour Engineering (BTN01605)
Wednesday 27/05/2026		Honors Degree Time:03.00 pm. to 06.00pm.
	285	1. Disaster Preparedness and Response (BTN01620)
	286	2. Roads and Highway Project Development (BTN01621)
	287	3. Sustainable Materials and Green Buildings (BTN01622)
	288	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.
Saturday 02/05/2026	289	Estimating, Costing and Valuation (BTN01701)
Tuesday 05/05/2026	290	Earthquake Engineering (BTN01702)
Thursday 07/05/2026	291	Construction Management and Practices (BTN01703)
Saturday 09/05/2026	292 293 294 295 296 297 298 299 300 301	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)
Monday 11/05/2026	302 303 304 305	Honors Degree Time: 10:00 am to 1:00 pm 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.	<u>Fourth.Y.(B.Tech.)(Civil Engg.)Sem-II (New w.e.f.June2023)</u> (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00 pm
Thursday 14/05/2026	306	Professional Practice, Law & Ethics (BTN01801)
Monday 18/05/2026	307 308 309 310 311 312 313	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)
Wednesday 20/05/2026	314 315 316 317	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.	T.Y.(B.Tech.)(Mechanical Engg.)Sem-I (New w.e.f.Jun. 2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Saturday 02/05/2026	318	Advance Manufacturing Technology (MECHPCC-07)
Tuesday 05/05/2026	319	Design of Machine Elements (MECHPCC-08)
Thursday 07/05/2026	320	Metallurgy (MECHPCC-09)
Saturday 09/05/2026	321 322 323 324	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)
Tuesday 12/05/2026	325	Creativity and Design Thinking (AEC-02)
Thursday 14/05/2026	326 327	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.	T.Y.(B.Tech.)(Mechanical Engg.)Sem-I (Neww.e.f.June2022) (CBCS 2020 PATTERN) (Old UP TO MAR-2026) Time:10:00 am to 01:00 pm
Saturday 02/05/2026	328	Design of Machine Elements (BTN02501)
Tuesday 05/05/2026	329	CAD-CAM-CAE (BTN02502)
Thursday 07/05/2026	330	Metallurgy (BTN02503)
Saturday 09/05/2026	331	Industrial Engineering (BTN02504)
Tuesday 12/05/2026	332 333 334 335	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 14/05/2026	336 337 338 339	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)

Sunday 10/05/2026	340 341 342 343 344	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
Friday 15/05/2026	345	Transmission System Design (MECHPCC-10)
Monday 18/05/2026	346	Heat Transfer (MECHPCC-11)
Wednesday 20/05/2026	347	Instrumentation and Control Engineering (MECHPCC-12)
Friday 22/05/2026	348 349 350 351	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)
Monday 25/05/2026	352 353 354 355	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)
Wednesday 27/05/2026	356 357	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
Friday 15/05/2026	358	Transmission System Design (BTN02601)
Monday 18/05/2026	359	Instrumentation and Control Engineering (BTN02602)
Wednesday 20/05/2026	360	Heat Transfer (BTN02603)
Friday 22/05/2026	361	Industrial & Quality Management (BTN02604)
Monday 25/05/2026	362	Professional Elective-IV
	363	A) Project Management (BTN02608)
	364	B) Industrial Product Design (BTN02609)
	365	C)Plastic Engineering (BTN02610)
Wednesday 27/05/2026		<u>Honors Degree</u>
	366	a) Industrial Networks and Controllers (BTN02612)
	367	b) 3D Printing Hardware & Software (BTN02613)
	368	c) Energy Conversion Systems (BTN02614)
	369	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
Saturday 02/05/2026	370	Refrigeration and Air Conditioning (BTN02701)
Tuesday 05/05/2026	371	Automobile Engineering (BTN02702)
Thursday 07/05/2026	372	Automation and Robotics (BTN02703)
Saturday 09/05/2026	373 374 375 376 377	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)
Monday 11/05/2026	378 379 380 381	Honors Degree Time: 10:00 am to 1:00 pm 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)
Wednesday 13/05/2026	382 383 384 385 386	Open Elective Time: 10:00 am to 1:00 pm 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.	T.Y. (B.Tech.) (Electronics Engg.) Sem– I (New w.e.f. NOV. 2022) (CBCS 2020 PATTERN) Time:10:00 am to 01:00 pm
Saturday 02/05/2026	387	Digital Communication (BTN04501)
Tuesday 05/05/2026	388	Digital Signal Processing (BTN04502)
Thursday 07/05/2026	389	Micro controllers (BTN04503)
Saturday 09/05/2026	390 391 392 393	Open Elective- I a) Information Technology and Management(BTN04513) b) Managerial Economics(BTN04514) c) Project Management and Operation Research(BTN04515) d) Business Ethics(BTN04516)
Tuesday 12/05/2026	394 395 396	Honors Degree a) Artificial Intelligence (BTN04517) b) Data Processing & Feature Engineering (BTN04518) c) Industrial IoT(BTN04519)
Thursday 14/05/2026	397 398 399 400 401	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.	T.Y. (B.Tech.) (Electronics Engg.) Sem– II (New w.e.f. NOV. 2022) (CBCS 2020 PATTERN) Time:10.00am to1.00pm
Friday 15/05/2026	402	Computer Networks(BTN04601)
Monday 18/05/2026	403	Embedded Systems(BTN04602)
Wednesday 20/05/2026	404	VLSI Design(BTN04603)
Friday 22/05/2026	405 406 407	Professional Elective-I a) Image Processing(BTN04609) b) Computer Organization(BTN04610) c) Multimedia Systems(BTN04611)
Monday 25/05/2026	408 409 410 411	Open Elective-II A) Operating Systems (BTN04605) b) Sensors and Applications (BTN04606) c) Open Source Technologies (BTN04607) d) Power System Planning(BTN04608)
Wednesday 27/05/2026	412 413 414	Honors Degree a) AI/ML -Machine Learning (BTN04612) b) Data Science Machine Learning (BTN04613) c) IoT Cloud Platform (BTN04614)

Day&Date	Sr. No.	Fourth.Y.(B.Tech.)(Electronics Engg.)Sem–I(New w.e.f.June2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Saturday 02/05/2026	415	Advanced Communication Engineering (BTN04701)
Tuesday 05/05/2026	416	Power Electronics (BTN04702)
Thursday 07/05/2026	417	Mobile Technology (BTN04703)
Saturday 09/05/2026	418 419 420	Elective-I a) CMOS VLSI Design (BTN04706) b) PLC and Industrial Controllers (BTN04707) c) Software Engineering (BTN04708)
Monday 11/05/2026	421 422 423	Honors Time: 10:00 am to 1:00 pm 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
Thursday 14/05/2026	424 425 426	Elective-III a) Speech Processing (BTN04806) b) Mechatronics (BTN04807) c) Cloud Computing (BTN04808)
Monday 18/05/2026	427 428 429 430	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
Saturday 02/05/2026	431	Design And Analysis of Algorithms (CSEPCC-07)
Tuesday 05/05/2026	432	Operating System (CSEPCC-08)
Thursday 07/05/2026	433	Database Engineering (CSEPCC-09)
Saturday 09/05/2026	434 435 436 437	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)
, Tuesday 12/05/2026	438	Creativity and Design Thinking (AEC-02)
Thursday 14/05/2026	439 440 441	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
Saturday 02/05/2026	442	Artificial Intelligence(BTN03501)
Tuesday 05/05/2026	443	Operating Systems (BTN03502)
Thursday 07/05/2026	444	Database Engineering (BTN03503)
Saturday 09/05/2026	445	Design and Analysis of Algorithm (BTN03504)
Tuesday 12/05/2026	446 447 448	<u>Honors Degree</u> a) Reinforcement Learning (BTN03512) b) Data Preprocessing & Visualization (BTN03513) c) Network Security and Secure Coding (BTN03514)
Thursday 14/05/2026	449 450 451 452 453	Time:10:00 am to 12:00 pm <u>Self Learning</u> 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
Friday 15/05/2026	454	Software Engineering (CSEPCC-10)
Monday 18/05/2026	455	Cloud Computing (CSEPCC-11)
Wednesday 20/05/2026	456	System software (CSEPCC-12)
Friday 22/05/2026	457 458 459 460	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)
Monday 25/05/2026	461 462 463	Programme Elective Course-III 1) Internet of Things (CSEPEC-03A) 2) Big Data Analytics (CSEPEC-03B) 3) Artificial Neural Network (CSEPEC-03C)
Wednesday 27/05/2026	464 465 466	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.	T.Y.(B.Tech.)(Computer Science and Engg.)Sem-II (New w.e.f.Nov2022) (CBCS 2020 PATTERN) (OLD UP TO OCT-2026) Time:10:00amto 1:00pm
Friday 15/05/2026	467	System Programming (BTN03601)
Monday 18/05/2026	468	Internet of Things (BTN03602)
Wednesday 20/05/2026	469	Software Engineering (BTN03603)
Friday 22/05/2026	470 471 472	Professional Elective-I a) Cloud Computing (BTN03606) b) Augmented Reality/Virtual Reality (BTN03607) c) Network Security (BTN03608)
Monday 25/05/2026	473 474 475	Open Elective a) Principles of Management: Practicing Ethics, Responsibility, Management (BTN03609) b) Engineering Economics and Management (BTN03610) c) Disaster Management (BTN03611)
Wednesday 27/05/2026	476 477 478	Honors Degree 1.Natural Language Processing (BTN03612) 2.Machine Learning (BTN03613) 3.Cyber forensic (BTN03614)

Day & Date	Sr. No.	Fourth. Y.(B.Tech.)(Computer and Engg.)Sem-I (New w.e.f.June 2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Saturday 02/05/2026	479	Software Testing and Quality Assurance (BTN03701)
Tuesday 05/05/2026	480	Compiler Construction (BTN03702)
Thursday 07/05/2026	481 482 483 484	Elective-II a) Business Intelligence (BTN03706) b) Data Mining (BTN03707) c) Distributed Systems (BTN03708) d) Management Information System (BTN03709)
Saturday 09/05/2026	485 486 487	Elective-III a) Human Computer Interaction (BTN03710) b) Big Data Analytics (BTN03711) c) Information Retrieval (BTN03712)
Monday 11/05/2026	488 489 490	Honors Degree Time: 10:00 am to 1:00 pm a) Deep Learning (BTN03713) b) Predictive Analytics (BTN03715) c) Information Auditing and monitoring (BTN03717)
Wednesday 13/05/2026	491 492	Self Learning Time: 10:00 am to 1:00 pm 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
Saturday 02/05/2026	493	Electromagnetic Field Theory (ENTPCC-07)
Tuesday 05/05/2026	494	Digital Signal Processing (ENTPCC-08)
Thursday 07/05/2026	495	Microcontrollers and Applications (ENTPCC-09)
Saturday 09/05/2026	496 497	Programme Elective Course-I 1. Digital Logic Design (ENTPEC – 01A) 2. Fundamentals of Image Processing (ENTPEC – 01B)
Tuesday 12/05/2026	498	Creativity and Design Thinking (AEC-02)
Thursday 14/05/2026	499 500 501	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
Saturday 02/05/2026	502	Electromagnetic Field Theory (BTN06501)
Tuesday 05/05/2026	503	Microcontrollers and Applications (BTN06502)
Thursday 07/05/2026	504	Digital Signal Processing (BTN06503)
Saturday 09/05/2026	505 506 507 508	Open Elective-I a) Managerial Economics (BTN06511) b) Project Management and Operation Research (BTN06512) c) Information Technology and Management (BTN06513) d) Business Ethics (BTN06514)
Tuesday 12/05/2026	509 510 511 512 513	Honors Degree 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 14/05/2026	514 515 516 517 518	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
Friday 15/05/2026	519	Advanced Mobile Communication (ENTPCC-10)
Monday 18/05/2026	520	Electronics System Design (ENTPCC-11)
Wednesday 20/05/2026	521	Optical Communication (ENTPCC-12)
Friday 22/05/2026	522 523	Programme Elective Course-II 1) VLSI Design (ENTPEC - 02A) 2) Digital Image Processing (ENTPEC – 02B)
Monday 25/05/2026	524 525	Programme Elective Course-III 1) Embedded Systems (ENTPEC – 03A) 2) Pattern Recognition (ENTPEC – 03B)
Wednesday 27/05/2026	526 527 528	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) (OLD UP TO OCT-2026) Time:10:00amto 1:00pm
Friday 15/05/2026	529	Antenna & Wave Propagation (BTN06601)
Monday 18/05/2026	530	Embedded System(BTN06602)
Wednesday 20/05/2026	531	Electronic System Design(BTN06603)
Friday 22/05/2026	532 533 534	Professional Elective-I a) Optical Fiber Communication(BTN06609) b) . Image and Video Processing(BTN06610) c) Multimedia Communication Technology(BTN06611)
Monday 25/05/2026	535 536 537 538	Open Elective-II a) Sensors and Applications(BTN06605) b) Open Source Technologies(BTN06606) c) Operating Systems(BTN06607) d) Power System Planning(BTN06608)
Wednesday 27/05/2026	539 540 541 542 543	<u>Honors Degree</u> a) AI/MI -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.	<u>Fourth.Y.(B. Tech.) (E&TC Engg.)Sem-I (New w.e.f.June2023)</u> (CBCSPATTERN) Time: 3:00 pm to 6:00pm
Saturday 02/05/2026	544	Microwave Engineering (BTN06701)
Tuesday 05/05/2026	545	Data Communication (BTN06702)
Thursday 07/05/2026	546	VLSI Design (BTN06703)
Saturday 09/05/2026	547 548 549	Professional Elective-II a) PLC and Industrial Controllers (BTN06707) b) Mobile Communication (BTN06708) c) DSP Processor and application (BTN06709)
Monday 11/05/2026	550 551 552 553 554	Honors Degree Time: 10:00 am to 1:00 pm 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)
Wednesday 13/05/2026	555	Research Methodology (BTN06704) Time: 10:00 am to 1:00 pm

Day & Date	Sr. No.	<u>Fourth.Y.(B.Tech.) (E&TC Engg.)Sem-II (Neww.e.f.Oct.2023)</u> (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00 pm
Thursday 14/05/2026	556 557 558	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
Monday 18/05/2026	559 560 561 562	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.	T.Y.(B.Tech.)(ElectricalEngg.)Sem-I(New w.e.f.Jun 2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Saturday 02/05/2026	563	Electromagnetic Engineering (EEPCC-07)
Tuesday 05/05/2026	564	Power System Analysis (EEPCC-08)
Thursday 07/05/2026	565	Linear Control System (EEPCC-09)
Saturday 09/05/2026	566	Programme Elective Course-I
	567	1) Advanced Microcontroller Systems (EEPEC-01A)
	568	2) Advanced Electrical Machines (EEPEC-01B)
	568	3) Hybrid Electrical Vehicle Design (EEPEC-01C)
Tuesday 12/05/2026	569	Creativity and Design Thinking (AEC-02)
Thursday 14/05/2026	570	Honors Honors in Electrical Vehicle- Energy Management System for Electric Vehicle (EEHn-03A)
	571	OR Honors in Sustainable Power Systems-Distributed Energy Integration (EEHn-03B)

Day&Date	Sr. No.	T.Y.(B.Tech.)(Electrical Engg.) Sem-I (New w.e.f. June 2022) (CBCS 2020 PATTERN)(OLD UP TO MAR-2026) Time:10:00 am to 01:00 pm
Saturday 02/05/2026	572	Power System-III(BTN07501)
Tuesday 05/05/2026	573	Linear Control System(BTN07502)
Thursday 07/05/2026	574	Advanced Microcontroller System (BTN07503)
Saturday 09/05/2026	575	Electromagnetic Engineering (BTN07504)
Tuesday 12/05/2026	576 577 578 579	Open Elective-I a) Information Technology & Management(BTN07512) b) Advanced Electrical Machines (BTN07513) c) Business Ethics(BTN07514) d) Managerial Economics(BTN07515)
Thursday 14/05/2026	580 581	Honors Degree 1. Smart Energy Management System (BTN07516) 2. Electric Motors and Controls for Electric Vehicle (BTN07517)
Sunday 10/05/2026	582 583 584 585 586	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
Friday 15/05/2026	587	Electric Traction & Utilization (EEPCC-10)
Monday 18/05/2026	588	Power Electronics & Industrial Drives (EEPCC-11)
Wednesday 20/05/2026	589	Advanced Control System (EEPCC-12)
Friday 22/05/2026	590 591 592	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)
Monday 25/05/2026	593 594 595 596	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)
Wednesday 27/05/2026	597 598	Honors Honors in Electrical Vehicle- Testing And Certification of Electric And Hybrid Vehicles (EEHn-04A) OR Honors in Sustainable Power Systems- AI Applications To Power Systems Management (EEHn-04B)

Day&Date	Sr. No.	T.Y.(B.Tech.) (Electrical Engg.)Sem-II (New w.e.f.Nov.2022) (CBCS 2020 PATTERN) (OLD UP TO OCT-2026) Time: 10:00 am to 1:00 pm
Friday 15/05/2026	599	Electrical Machine Design (BTN07601)
Monday 18/05/2026	600	Electrical Utilization (BTN07602)
Wednesday 20/05/2026	601	Power Electronics & Industrial Drives (BTN07603)
Friday 22/05/2026	602	Advanced Control Systems (BTN07604)
Monday 25/05/2026	603 604 605 606	Open Elective-I a) Operating Systems (BTN07606) b) Renewable Energy Sources (BTN07607) c) Fiber Optic Communication (BTN07608) d) Sensors & Applications (BTN07609)
Wednesday 27/05/2026	607 608 609	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
Wednesday 27/05/2026	610 611	Honars Subject_ Time:03.00 pm. to 06.00pm. 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.June2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Saturday 02/05/2026	612	Power Quality and FACTS (BTN07701)
Tuesday 05/05/2026	613	Signals and System (BTN07702)
Thursday 07/05/2026	614	Switchgear and Protection (BTN07703)
Saturday 09/05/2026	615 616 617 618 619 620	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)
Monday 11/05/2026	621 622 623 624 625 626	Professional Elective-II Time: 10:00 am to 1:00 pm 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)
Wednesday 13/05/2026	627 628	Honors Subject Time: 10:00 am to 1:00 pm 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
Thursday 14/05/2026	629 630 631	Self Learning Module-III a) Electrical Estimation, Installation, and Testing (BTN07802) b) Mechatronics (BTN07803) c) Alternate Energy Systems (BTN07804)
Monday 18/05/2026	632 633 634	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 30/05/2026	635 636 637 638 639 640 641 642 643 644	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) Mechanical Engineering: 1) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 2) Operation Research (MECHMDM-03B) Electronics and Telecommunication Engineering: 1) PIC Microcontroller (ENTMDM-03A) OR 2) IoT Networks and Security (ENTMDM-03B) Computer Science and Engineering: 1) Machine Learning (CSEMDM-03A) OR 2) Object Oriented Modeling and Design (CSEMDM-03B) Electrical Engineering: 1) Electrical Installation and Utilization (EEMDM-03A) OR 2) Electric Vehicle Controls (EEMDM-03B)

Day&Date	Sr. No.	T.Y.(B.Tech.) (All Branch)Sem-II (New w.e.f.June.2025) (CBCS 2023 PATTERN) Time: 03:00 pm to 06:00 pm
Saturday 30/05/2026	645	Multidisciplinary Minor IV Civil Engineering: 1) New Product Development (CIVMDM-04A) OR
	646	2) Disaster Management and Mitigation (CIVMDM-04B)
	647	Mechanical Engineering: 1) Renewable Energy Resources (MECHMDM-04A) OR
	648	2) Project Management (MECHMDM-04B)
	649	Electronics and Telecommunication Engineering: 1) Advanced Microcontrollers (ENTMDM-04A) OR
	650	2) Industrial IoT (ENTMDM-04B)
	651	Computer Science and Engineering: 1) Predictive Analytics (CSEMDM-04A) OR
	652	2) Management Information System (CSEMDM-04B)
	653	Electrical Engineering: 1) Energy Audit, Conservation Economics and Policy (EEMDM-04A) OR
	654	2) Electric Vehicle Battery Systems (EEMDM-04B)

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Ref No.: PAHSUS/EXAM/TIME-TABLE/2026/622

Date: 16/04/2026

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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