



PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025

SEMESTER PATTERN EXAMINATION

RE- **REVISED** 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]

OCT./NOV-2025 EXAMINATION TO BE HELD IN OCT.-2025

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

The Written Examinations will be held at the following places:

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

Day & Date	Sr. No.	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 15/12/2025	1	Engineering Mathematics-I(BTCE0103) /(BTCSE0103)/(BTETE0103)/ (BTEE0103)/(BTME0103)/ (BTECE0103)/(BTMRE0103)/(BTAI0103)/ (BTMRE0103)/(BTIT0103)
Wednesday 17/12/2025	2	Engineering Mechanics (BTCE0106)/ (BTCSE0106) / (BTETE0106)/ (BTEE0106)/ (BTME0106)/(BTECE0106)/(BTMRE0106)/(BTAI0106)/ (BTMRE0106)/(BTIT0106)
Friday 19/12/2025	3	Engineering Physics / (BTCE0101)/ (BTCSE0101)/ (BTETE0101)/ (BTEE0101)/ (BTME0101)/ (BTECE0101)/(BTMRE0101)/(BTAI0101)/ (BTMRE0101)/(BTIT0101)
Saturday 20/12/2025	4	Engineering Chemistry \$ (BTCE0102) /(BTCSE0102) / (BTETE0102)/ (BTEE0102)/ (BTME0102)/ (BTECE0102)/(BTMRE0102)/(BTAI0102)/ (BTMRE0102)/(BTIT0102)
Monday 22/12/2025	5	Basics of Civil and Mechanical Engineering /(BTCE0104)/ (BTCSE0104) / (BTETE0104)/ (BTEE0104)/ (BTME0104)/(BTECE0104)/ (BTMRE0104)/(BTAI0104)/(BTMRE0104)/(BTIT0104)
Wednesday 24/12/2025	6	Basic Electrical & Electronics Engineering (BTCE0105) / (BTCSE0105)/ (BTETE0105)/ (BTEE0105)/ (BTME0105)/(BTECE0105)/ (BTMRE0105)/(BTAI0104)/(BTMRE0105)/(BTIT0105)

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 08/12/2025	7	Engineering Physics (BTCE0201/ BTME0201/ BTETE0201/ BTCSE0201/ BTEE0201)/(BTECE0201)
Tuesday 09/12/2025	8	Engineering Chemistry (BTCE0202/ BTME0202/ BTETE0202/ BTCSE0202/ BTEE0202)/ (BTECE0202)
Wednesday 10/12/2025	9	Basics of Civil and Mechanical Engineering (BTCE0204/ BTME0204/ BTETE0204/ BTCSE0204/ BTEE0204)/ (BTECE0204)
Thursday 11/12/2025	10	Basic Electrical & Electronics Engineering (BTCE0205/ BTME0205/ BTETE0205/ BTCSE0205/ BTEE0205)/ (BTECE0205)
Friday 12/12/2025	11	Engineering Mathematics – II (BTCE0203/ BTME0203/ BTETE0203/ BTCSE0203/ BTEE0203)/ (BTECE0203)

Day & Date	Sr. No.	F.Y. (B.Tech.) Sem – II (w.e.f. Nov. 2020) (CBCS-2020PATTERN) Time:3.00 pm to 7.00 pm
Saturday 13/12/2025	12	Engineering Graphics & CAD(BTN10206)

Day & Date	Sr.No.	S.Y. (B.Tech. Civil Engg.) Sem – I (New w.e.f. June 2024) (NEP CBCS 2023 PATTERN) Time:03.00 Pm to 06.00 pm
Monday 15/12/2025	13	Structural Mechanics –I (CIVPCC-01)
Wednesday 17/12/2025	14	Fluid Mechanics and Machines (CIVPCC-02)
Friday 19/12/2025	15	Surveying and Geomatics (CIVPCC-03)
Saturday 20/12/2025	34	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)
Monday 22/12/2025	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 24/12/2025	22 23 24 25 26 27 28 29	Multidisciplinary Minor I Mechanical Engineering: 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR 2)Industrial Management (MECHMDM-01B) Electronics and Telecommunication Engineering: 1)Digital Techniques (ENTMDM-01A) OR 2)Sensor Technology (ENTMDM-01B) Computer Science and Engineering: 1)Programming basics using Python (CSEMDM-01A) OR 2)Software Engineering (CSEMDM-01B) Electrical Engineering: 1)Electrical Technology (EEMDM-01A) OR 2)Basics of Electrical Vehicle (EEMDM-01B)
Friday 26/12/2025	30 31 32 33	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)

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Nov. 2024)</u> (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 08/12/2025	35	Structural Mechanics-II (CIVPCC-04)
Tuesday 09/12/2025	36	Building and Infrastructure Planning (CIVPCC-05)
Wednesday 10/12/2025	37	Environmental Engineering (CIVPCC-06)
Thursday 11/12/2025	38 39 40 41 42 43 44	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)
Friday 12/12/2025	45 46 47 48 49 50 51 52 53 54	Multidisciplinary Minor II Civil Engineering: 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) Mechanical Engineering: 1) Materials for Technology Development (MECHMDM-02A) OR 2) Production and Operation Management (MECHMDM-02B) Electronics and Telecommunication Engineering: 1) Microcontroller (ENTMDM-02A) OR 2) Fundamentals of IOT (ENTMDM-02B) Computer Science and Engineering: 1) Data Pre-processing & Visualization (CSEMDM-02A) OR 2) Software Testing & Quality Assurance (CSEMDM-02B) Electrical Engineering: 1) Advanced application in renewable Energy (EEMDM-02A) OR 2) Electrical Vehicle Motors (EEMDM-02B)
Saturday 13/12/2025	55 56 57 58	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)
Sunday 14/12/2025	59	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) Time:10.00 am to 11.30 am

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Oct 2021-22)</u> (CBCS 2020 PATTERN) (Old up to OCT-2025) Time:10.00 am to 1.00 pm
Monday 08/12/2025	60	Environmental Engineering-I(BTN01401)
Tuesday 09/12/2025	61	Building Planning & Design (BTN01402)
Wednesday 10/12/2025	62	Structural Mechanics-II(BTN01403)
Thursday 11/12/2025	63	Engineering Geology(BTN01405)
Friday 12/12/2025	64	Engineering Mathematics-III(BTN01404)
Saturday 13/12/2025	65	Environmental Laws and Impact Assessment (BTN01407) OR
	66	Applications of Information Technology and Information Systems (BTN01408) OR
	67	Design Thinking (BTN01409) OR
	68	Disaster Management (BTN01410)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Mech. Engg.) Sem – I (New w.e.f. June 2024)</u> (NEP CBCS 2023 PATTERN) Time:03.00 Pm to 06.00 pm
Monday 15/12/2025	69	Applied Thermodynamics (MECHPCC-01)
Wednesday 17/12/2025	70	Manufacturing Processes (MECHPCC-02)
Friday 19/12/2025	71	Mechanics of Materials (MECHPCC-03)
Saturday 20/12/2025	88	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)
Monday 22/12/2025	72	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 24/12/2025	78	Multidisciplinary Minor I Civil Engineering: 1)Design Thinking: Business Innovation Framework (CIVMDM-01A) OR 2)Introduction to Geographic Information System (CIVMDM-01B)
	79	Electronics and Telecommunication Engineering: 1)Digital Techniques (ENTMDM-01A) OR 2)Sensor Technology (ENTMDM-01B)
	80	Computer Science and Engineering: 1)Programming basics using Python (CSEMDM-01A) OR
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	82	

	83	2)Software Engineering (CSEMDM-01B)
		Electrical Engineering:
	84	1)Electrical Technology (EEMDM-01A)
		OR
	85	2)Basics of Electrical Vehicle (EEMDM-01B)
Friday 26/12/2025	86	Honors Industrial Robotics (Mech Hon-01A)
		OR
	87	Introduction to Automobile Engineering (Mech Hon-01B)

Day&Date	Sr. No.	<u>S.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov 2024)</u> (CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 08/12/2025	89	Kinematics and Theory of Machine (MECHPCC-04)
Tuesday 09/12/2025	90	Machine Drawing (MECHPCC-05)
Wednesday 10/12/2025	91	Fluid mechanics and Fluid Machines (MECHPCC-06)
Thursday 11/12/2025	92 93 94 95 96 97 98	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)
Friday 12/12/2025	99 100 101 102 103 104 105 106 107 108	Multidisciplinary Minor II Civil Engineering: 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) Mechanical Engineering: 3) Materials for Technology Development (MECHMDM-02A) OR 4) Production and Operation Management (MECHMDM-02B) Electronics and Telecommunication Engineering: 5) Microcontroller (ENTMDM-02A) OR 6) Fundamentals of IOT (ENTMDM-02B) Computer Science and Engineering: 7) Data Pre-processing & Visualization (CSEMDM-02A) OR 8) Software Testing & Quality Assurance (CSEMDM-02B) Electrical Engineering: 9) Advanced application in renewable Energy (EEMDM-02A) OR 10) Electrical Vehicle Motors (EEMDM-02B)

Saturday 13/12/2025	109	Honors Machine Vision (MechHon-02A) OR Introduction to Electric and Hybrid Vehicles (MechHon-02B)
	110	
Sunday 14/12/2025	111	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) Time:10.00 am to 11.30 am

Day&Date	Sr. No.	<u>S.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov 2021)</u> (CBCS 2020 PATTERN) (Old up to OCT-2025) Time:10.00 am to 1.00 pm
Monday 08/12/2025	112	Engineering Mathematics–III(BTN02401)
Tuesday 09/12/2025	113	Manufacturing Technology(BTN02402)
Wednesday 10/12/2025	114	Fluid Mechanics & Fluid Machines(BTN02403)
Thursday 11/12/2025	115	Kinematics &Theory of Machines(BTN02404)
Friday 12/12/2025	116	Professional Elective-II A. Mechatronic Systems(BTN02408) B. Power Plant And Energy Engineering(BTN02409) C. Solid Mechanics(BTN02410)
	117	
	118	
Saturday 13/12/2025	119	Industrial Robotics (BTN02411) OR Introduction to 3D Printing (BTN02412) OR Renewable Energy Sources (BTN02413) OR Introduction to Automobile Engineering(BTN02414)
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	121	
	122	

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 08/12/2025	123	Signals& Systems (BTN04401)
Tuesday 09/12/2025	124	Control Systems (BTN04402)
Wednesday 10/12/2025	125	Data Structures and Algorithms (BTN04405)
Thursday 11/12/2025	126	Analog Integrated Circuits (BTN04403)
Friday 12/12/2025	127	Analog Communication (BTN04404)
Saturday 13/12/2025	128 129 130	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 15/12/2025	131	Discrete Mathematical Structure (CSEPCC-01)
Wednesday 17/12/2025	132	Computer Graphics (CSEPCC-02)
Friday 19/12/2025	133	Data Structure (CSEPCC-03)
Saturday 20/12/2025	151	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)
Monday 22/12/2025	134 135 136 137 138 139	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 24/12/2025	140 141 142 143 144	Multidisciplinary Minor I Civil Engineering: Design Thinking: Business Innovation Framework (CIVMDM-01A) OR Introduction to Geographic Information System (CIVMDM-01B) Mechanical Engineering: 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR 2)Industrial Management (MECHMDM-01B) Electronics and Telecommunication Engineering: Digital Techniques (ENTMDM-01A) OR

	145	Sensor Technology (ENTMDM-01B)
	146	Electrical Engineering: 1)Electrical Technology (EEMDM-01A)
	147	OR 2)Basics of Electrical Vehicle (EEMDM-01B)
Friday 26/12/2025	148	Honors Machine Learning (CSEHON-01A)
	149	OR Cryptography (CSEHON-01B)
	150	OR Mathematics for Data Science (CSEHON-01C)

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 08/12/2025	152	Computer Organization and Architecture (CSEPCC-04)
Tuesday 09/12/2025	153	Theory of Computation (CSEPCC-05)
Wednesday 10/12/2025	154	Computer Networks (CSEPCC-06)
Thursday 11/12/2025	155 156 157 158 159 160 161	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)
Friday 12/12/2025	162 163 164 165 166 167 168 169 170 171	Multidisciplinary Minor II Civil Engineering: 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) Mechanical Engineering: 1) Materials for Technolgy Development (MECHMDM-02A) OR 2) Production and Operation Management (MECHMDM-02B) Electronics and Telecommunication Engineering: 1) Microcontroller (ENTMDM-02A) OR 2) Fundamentals of IOT (ENTMDM-02B) Computer Science and Engineering: 1) Data Pre-processing & Visualization (CSEMDM-02A) OR 2) Software Testing & Quality Assurance (CSEMDM-02B) Electrical Engineering: 1) Advanced application in renewable Energy (EEMDM-02A) OR 2) Electrical Vehicle Motors (EEMDM-02B)

Saturday 13/12/2025	172	Honors
		Reinforcement Learning (CSEHON-02A)
	173	OR
		Network Security and Secure Coding (CSEHON-02B)
	174	OR
		Data Pre-processing & Visualization (CSEHON-02C)
Sunday 14/12/2025	175	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) Time:10.00 am to 11.30 am

Day& Date	Sr. No.	<u>S.Y.(B.Tech.)(Computer Science & Engg.)Sem– II (New w.e.f.Oct.2021)</u> <u>(CBCS 2020 PATTERN) (Old up to OCT-2025)</u> Time:10.00 am to 1.00 pm
Monday 08/12/2025	176	Theory of Computation (BTN03402)
Tuesday 09/12/2025	177	Computer Organization and Architecture (BTN03403)
Wednesday 10/12/2025	178	Computer Networks (BTN03404)
Thursday 11/12/2025	179	Applied Mathematics-II(BTN03401)
Friday 12/12/2025	180	Machine Learning (BTN03406)
	181	OR
	182	Mathematics for Data Science (BTN03407)
		OR Cryptography (BTN04410)

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
Monday 15/12/2025	183	Network Theory Analysis (ENTPCC-01)
Wednesday 17/12/2025	184	Electronics Circuit Analysis & Design (ENTPCC-02)
Friday 19/12/2025	185	Analog and Digital Communication (ENTPCC-03)
Saturday 20/12/2025	203	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)
Monday 22/12/2025	186	Open Elective-I
	187	OE-01A: Advanced Mathematics and Statistics (OE-01A)
	188	2. OE-01B Digital Marketing and E- Commerce (OE-01B)
	189	3. OE-01C Humanities and Social Sciences (OE-01C)
	190	4. OE-01D Industrial and Quality Management (OE-01D)
	191	5. OE-01E Mathematics for Software and Hardware (OE-01E)
		6. OE-01F Soft Skills and Personality Development (OE-01F)
Wednesday 24/12/2025	192	Multidisciplinary Minor I
	193	Civil Engineering: Design Thinking: Business Innovation Framework (CIVMDM-01A)

	194 195	OR Introduction to Geographic Information System (CIVMDM-01B) Mechanical Engineering: 1) Fundamentals of Material science and Engineering (MECHMDM-01A) OR
	196	2) Industrial Management (MECHMDM-01B)
	197	Computer Science and Engineering: 1) Programming basics using Python (CSEMDM-01A) OR
	198	2) Software Engineering (CSEMDM-01B)
	199	Electrical Engineering: 1) Electrical Technology (EEMDM-01A) OR 2) Basics of Electrical Vehicle (EEMDM-01B)
Friday 26/12/2025	200 201 202	Honors Computational Statistics (ENTHON-01A) OR Database Management System (ENTHON-01B) OR Railway Engineering: A Beginner's Perspective (ENTHON-01D)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Electronics & Telecommunication Engg.) NEW</u> <u>Sem – II (New w.e.f. June 2024) (NEP CBCS PATTERN 2023)</u> Time:10.00 am to 1.00 pm
Monday 08/12/2025	204	Signals and Systems (ENTPCC-04)
Tuesday 09/12/2025	205	Control System (ENTPCC-05)
Wednesday 10/12/2025	206	Analog Integrated Circuits (ENTPCC-06)
Thursday 11/12/2025	207 208 209 210 211 212 213	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)
Friday 12/12/2025	214 215 216 217	Multidisciplinary Minor II Civil Engineering: 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) Mechanical Engineering: 1) Materials for Technology Development (MECHMDM-02A) OR 2) Production and Operation Management (MECHMDM-02B)

	218	Electronics and Telecommunication Engineering: 1) Microcontroller (ENTMDM-02A) OR
	219	2) Fundamentals of IOT (ENTMDM-02B)
	220	Computer Science and Engineering: 1) Data Pre-processing & Visualization (CSEMDM-02A) OR
	221	2) Software Testing & Quality Assurance (CSEMDM-02B)
	222	Electrical Engineering: 1) Advanced application in renewable Energy (EEMDM-02A) OR
	223	2) Electrical Vehicle Motors (EEMDM-02B)
Saturday 13/12/2025	224	Honors Artificial Intelligence (ENTHON-02A) OR
	225	Machine Learning (ENTHON-02B) OR
	226	Industrial IoT (ENTHON-02C) OR
	227	Data Communication and Signaling in Railway(ENTHON-02D)
Sunday 14/12/2025	228	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) Time:10.00 am to 11.30 am

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem-II (New w.e.f. June 2021) (CBCS PATTERN 2023)</u> (Old up to OCT-2025) Time:10.00 am to 1.00 pm
Monday 08/12/2025	229	Control System (BTN06401)
Tuesday 09/12/2025	230	Analog Integrated Circuits (BTN06402)
Wednesday 10/12/2025	231	Principles of Digital Communication (BTN06403)
Thursday 11/12/2025	232	Signals and Systems (BTN06404)
Friday 12/12/2025	233	Data Structures (BTN06405)
Saturday 13/12/2025	234	Computational Statistics (BTN04407) OR
	235	Database Management Systems (BTN04408) OR
	236	Fundamentals of IOT(BTN04409) OR
	237	Cryptography (BTN04410) OR
	238	Railway Engineering: A Beginner's Perspective (BTN04411)

Day&Date	Sr. No.	S.Y.(B.Tech.)(Information Technology)Sem-II (New w.e.f.Oct.2021) (CBCS 2020 PATTERN) Time:10.00 am to 1.00 pm
Monday 08/12/2025	239	Theory of Computation (BTN05402)
Tuesday 09/12/2025	240	Computer Organization and Architecture (BTN05403)
Wednesday 10/12/2025	241	Computer Networks (BTN05404)
Thursday 11/12/2025	242	Applied Mathematics–II(BTN05401)
Friday 12/12/2025	243 244 245	Machine Learning (BTN03406) OR Mathematics for Data Science (BTN05406) OR Cryptography (BTN04410)

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 15/12/2025	246	Analog Electronics (EEPCC-01)
Wednesday 17/12/2025	247	Power Plant Engineering and Elements of Power System (EEPCC-02)
Friday 19/12/2025	248	DC Machines and Transformer (EEPCC-03)
Saturday 20/12/2025	265	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)
Monday 22/12/2025	249 250 251 252 253 254	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 24/12/2025	255 256 257 258 259	Multidisciplinary Minor I Civil Engineering: Design Thinking: Business Innovation Framework (CIVMDM-01A) OR Introduction to Geographic Information System (CIVMDM-01B) Mechanical Engineering: 1)Fundamentals of Material science and Engineering (MECHMDM-01A) OR 2)Industrial Management (MECHMDM-01B) Electronics and Telecommunication Engineering: Digital Techniques (ENTMDM-01A)

	260	OR Sensor Technology (ENTMDM-01B)
	261	Computer Science and Engineering: 1) Programming basics using Python (CSEMDM-01A)
	262	OR 2) Software Engineering (CSEMDM-01B)
Friday 26/12/2025	263	Honors Electric Vehicle Technology (EEHn-01A)
	264	OR Advanced and Sustainable Energy Sources (EEHn-01B)

Day & Date	Sr.No.	<u>S.Y. (B.Tech. Electrical Engg.) Sem – II (New w.e.f. Nov. 2024)</u> (NEP CBCS PATTERN 2023) Time:10.00 am to 1.00 pm
Monday 08/12/2025	266	Electrical Transmission and Distribution (EEPCC-04)
Tuesday 09/12/2025	267	Network Analysis (EEPCC-05)
Wednesday 10/12/2025	268	AC Machines (EEPCC-06)
Thursday 11/12/2025	269 270 271 272 273 274 275	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)
Friday 12/12/2025	276 277 278 279 280 281 282 283 284 285	Multidisciplinary Minor II Civil Engineering: 1) Entrepreneurship, Leadership and Management (CIVMDM-02A) OR 2) Urban Planning and Design (CIVMDM-02B) Mechanical Engineering: 3) Materials for Technology Development (MECHMDM-02A) OR 4) Production and Operation Management (MECHMDM-02B) Electronics and Telecommunication Engineering: 3) Microcontroller (ENTMDM-02A) OR 4) Fundamentals of IOT (ENTMDM-02B) Computer Science and Engineering: 3) Data Pre-processing & Visualization (CSEMDM-02A) OR 4) Software Testing & Quality Assurance (CSEMDM-02B) Electrical Engineering: 11) Advanced application in renewable Energy (EEMDM-02A) OR 12) Electrical Vehicle Motors (EEMDM-02B)

Saturday 13/12/2025	286 287	Honors Electric Motors and Controls for Electric Vehicle (EEHn-02A) OR Smart Energy Management System (EEHn-02B)
Sunday 14/12/2025	288	Professional Ethics (VEC-02) MCQ paper(1.5 hour i.e. 90 mint.) Time:10.00 am to 11.30 am

Day&Date	Sr. No.	<u>S.Y.(B.Tech.) (Electrical Engg.) Sem-II (New w.e.f. Oct 2021)</u> <u>(CBCS 2020 PATTERN) (Old up to OCT-2025)</u> Time:10.00 am to 1.00 pm
Monday 08/12/2025	289	Electrical Machines-II(BTN07402)
Tuesday 09/12/2025	290	Power System II(BTN07403)
Wednesday 10/12/2025	291	Analog & Digital Integrated circuits (BTN07404)
Thursday 11/12/2025	292	Network Analysis (BTN07405)
Friday 12/12/2025	293	Numerical Methods and Linear Algebra (BTN07401)
Saturday 13/12/2025	294 295	Advanced and Sustainable Energy Sources (BTN07407) OR Electric Vehicle Technology (BTN07408)

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 15/12/2025	296	Fundamentals Of Digital Techniques (ECEPCC-01)
Wednesday 17/12/2025	297	Data Structures and Algorithms (ECEPCC-02)
Friday 19/12/2025	298	Electronic Devices and Circuit (ECEPCC-03)
Saturday 20/12/2025	311	Universal Human Values (VEC-01) MCQ paper (1.5 hour i.e. 90 mint.)
Monday 22/12/2025	299 300 301 302 303 304	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 24/12/2025	305 306	Multidisciplinary Minor I Fundamentals Of Digital Circuits (ECEMDM-01A) OR Fundamentals of Artificial Intelligence (ECEMDM-01B)
Friday 26/12/2025	307 308 309 310	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)

Day&Date	Sr. No.	T.Y.(B.Tech.)(CivilEngg.)Sem-I (New w.e.f.June.2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Wednesday 12/11/2025	312	Design of Steel Structures (CIVPCC-07)
Friday 14/11/2025	313	Transportation Engineering (CIVPCC-08)
Monday 17/11/2025	314	Geotechnical Engineering (CIVPCC-09)
Wednesday 19/11/2025	315 316 317	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)
Friday 21/11/2025	318	Creativity and Design Thinking (AEC-02) MCQ paper(1.5 hour i.e. 90 mint.)
Monday 24/11/2025	319 320 321 322 323 324 325 326 327 328	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) Mechanical Engineering: 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) Electronics and Telecommunication Engineering: 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) Computer Science and Engineering: 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) Electrical Engineering: 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Wednesday 26/11/2025	329 330 331 332	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 (New w.e.f.June.2022) (CBCS 2020 PATTERN)(Old up to MAR-2026) Time:10:00 am to 01:00 pm
Wednesday 12/11/2025	333	Design of Steel Structures (BTN01501)
Friday 14/11/2025	334	Geotechnical Engineering (BTN01502)
Monday 17/11/2025	335	Highway and Tunnel Engineering (BTN01503)
Wednesday 19/11/2025	336	Hydrology and Water Resources Engineering(BTN01504)
Friday 21/11/2025	337	Design of Concrete Structures I (BTN01505)
Monday 24/11/2025	338	Environmental Engineering-II (BTN01506)
Wednesday 26/11/2025	339 340 341 342	<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)
Friday 28/11/2025	343 344 345 346 347	<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.	<u>T.Y.(B.Tech.)(CivilEngg.)Sem– II (New w.e.f.Nov.2022)</u> (CBCS 2020 PATTERN) Time:10:00 am to 1:00 pm
Monday 03/11/2025	348	Foundation Engineering (BTN01601)
Tuesday 04/11/2025	349	Hydraulic Structures & Water Power Engg. (BTN01602)
Thursday 06/11/2025	350	Professional Elective-I A) Structural Analysis by Matrix Methods (BTN01608)
	351	B) Structural Dynamics (BTN01609)
	352	c) Design of Bridges (BTN01610)
	353	d) Design of Pre stressed concrete structures (BTN01611)
	354	e) Airport Planning and Design (BTN01612)
	355	f) Pavement Design (BTN01613)
	356	g) Construction Engineering Materials (BTN01614)
	357	h) Systems Engineering & Economics (BTN01615)
	358	i) Advanced Concrete Technology (BTN01616)
	359	j) Open Channel flow & River Hydraulics (BTN01617)
	360	k) Solid and Hazardous Waste Management (BTN01618)
	361	l) Urban Hydrology and Hydraulics (BTN01619)
Friday 07/11/2025	362	Design of Concrete Structures II (BTN01603)
Saturday 08/11/2025	363	Principles of Management and Quantitative Techniques (BTN01604)
Monday 10/11/2025	364	Railway, Airport & Harbour Engineering (BTN01605)
Tuesday 11/11/2025	365 366 367 368	<u>Honors Degree</u> 1. Disaster Preparedness and Response (BTN01620) 2. Roads and Highway Project Development (BTN01621) 3. Sustainable Materials and Green Buildings (BTN01622) 4. Engineering System Design Optimization (BTN01623)

Day&Date	Sr. No.	<u>Fourth.Y.(B.Tech.)(CivilEngg.)Sem-I (New w.e.f.June2023)</u> (CBCS 2020 PATTERN) Time:03.00 pm. to 06.00pm.
Wednesday 12/11/2025	369	Estimating, Costing and Valuation (BTN01701)
Friday 14/11/2025	370	Earthquake Engineering (BTN01702)
Monday 17/11/2025	371	Construction Management and Practices (BTN01703)
Wednesday 19/11/2025	372 373 374 375 376 377 378 379 380 381	Professional Elective-II a) Advanced Structural Analysis (BTN01707) b) Advanced Design of Concrete Structures (BTN01708) c) Finite Element Method (BTN01709) d) Traffic Engineering and Management (BTN01710) e) Geo synthetics and soil structures (BTN01711) f) Construction Productivity (BTN01712) g) Entrepreneurship (BTN01713) h) Optimization Techniques (BTN01714) i) Water Power Engineering (BTN01715) j) Air and Noise Pollution and Control (BTN01716)
Friday 21/11/2025	382 383 384 385	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.	<u>Fourth.Y.(B.Tech.)(CivilEngg.)Sem-II (New w.e.f.June2023)</u> (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00 pm
Monday 03/11/2025	386	Professional Practice, Law & Ethics (BTN01801)
Tuesday 04/11/2025	387 388 389 390 391 392 393	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)
Thursday 06/11/2025	394 395 396 397	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>Fourth.Y. (B.Tech.) (Civil Engg.) Sem – II</u> (CBCS 2019 PATTERN) Time: 2:00 pm to 5:00 pm
Friday 07/11/2025	398	Open Elective-III: Economic policies in India (197042802)

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
Wednesday 12/11/2025	399	Advance Manufacturing Technology (MECHPCC-07)
Friday 14/11/2025	400	Design of Machine Elements (MECHPCC-08)
Monday 17/11/2025	401	Metallurgy (MECHPCC-09)
Wednesday 19/11/2025	402 403 404 405	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)
Friday 21/11/2025	406	Creativity and Design Thinking (AEC-02) MCQ paper(1.5 hour i.e. 90 mint.)
Monday 24/11/2025	407 408 409 410 411 412 413 414 415 416	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) Mechanical Engineering: 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) Electronics and Telecommunication Engineering: 05) PIC Microcontroller (ENTMDM-03A) OR 06) IoT Networks and Security (ENTMDM-03B) Computer Science and Engineering: 07) Machine Learning (CSEMDM-03A) OR 08) Object Oriented Modeling and Design (CSEMDM-03B) Electrical Engineering: 09) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Wednesday 26/11/2025	417 418	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.)(MechanicalEngg.)Sem-I (Neww.e.f.June2022) (CBCS 2020 PATTERN)(Old UP TO MAR-2026) Time:10:00 am to 01:00 pm
Wednesday 12/11/2025	419	Design of Machine Elements (BTN02501)
Friday 14/11/2025	420	CAD-CAM-CAE (BTN02502)
Monday 17/11/2025	421	Metallurgy (BTN02503)
Wednesday 19/11/2025	422	Industrial Engineering (BTN02504)
Friday 21/11/2025	423 424 425 426	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)
Monday 24/11/2025	427 428 429 430	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 28/11/2025	431 432 433 434 435	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)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Mechanical Engg.)Sem-II (New w.e.f.Nov.2022)</u> (CBCS 2020 PATTERN) Time:10:00 am to 1:00pm
Monday 03/11/2025	436	Transmission System Design(BTN02601)
Tuesday 04/11/2025	437	Instrumentation and Control Engineering(BTN02602)
Thursday 06/11/2025	438	Heat Transfer(BTN02603)
Friday 07/11/2025	439	Industrial & Quality Management(BTN02604)
Saturday 08/11/2025	440 441 442 443	Professional Elective-IV A) Project Management (BTN02608) B) Industrial Product Design (BTN02609) C) Plastic Engineering (BTN02610) D) Railway Transportation System (BTN02611)
Monday 10/11/2025	444 445 446 447	<u>Honors Degree</u> a) Industrial Networks and Controllers(BTN02612) b) 3D Printing Hardware & Software (BTN02613) c) Energy Conversion Systems(BTN02614) d) Battery Technology and Charging Infrastructure(BTN02615)

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

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
Wednesday 12/11/2025	450	Refrigeration and Air Conditioning(BTN02701)
Friday 14/11/2025	451	Automobile Engineering(BTN02702)
Monday 17/11/2025	452	Automation and Robotics (BTN02703)
Wednesday 19/11/2025	453 454 455 456 800	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)
Friday 21/11/2025	457 458 459 801	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)
Monday 24/11/2025	460 461 462 463 464	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.	FourthY.(B.Tech.)(MechanicalEngg.)Sem-I(w.e.f.Nov.2021-22) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Wednesday 26/11/2025	465	Robotics and Artificial Intelligence (197041703)

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
Wednesday 12/11/2025	466	Digital Communication (BTN04501)
Friday 14/11/2025	467	Digital Signal Processing (BTN04502)
Monday 17/11/2025	468	Micro controllers (BTN04503)
Wednesday 19/11/2025	469 470 471 472	Open Elective- I a) Information Technology and Management(BTN04513) b) Managerial Economics(BTN04514) c) Project Management and Operation Research(BTN04515) d) Business Ethics(BTN04516)
Friday 21/11/2025	473 474 475	Honors Degree a) Artificial Intelligence(BTN04517) b) Data Processing & Feature Engineering(BTN04518) c) Industrial IoT(BTN04519)
Friday 28/11/2025	476 477 478 479 480	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 (Neww.e.f. NOV. 2022) (CBCS 2020 PATTERN) Time:10.00am to1.00pm
Monday 03/11/2025	481	Computer Networks(BTN04601)
Tuesday 04/11/2025	482	Embedded Systems(BTN04602)
Thursday 06/11/2025	483	VLSI Design(BTN04603)
Friday 07/11/2025	484 485 486	Professional Elective-I a) Image Processing(BTN04609) b) Computer Organization(BTN04610) c) Multimedia Systems(BTN04611)
Saturday 08/11/2025	487 488 489 490	Open Elective-II A) Operating Systems(BTN04605) b) Sensors and Applications(BTN04606) c) Open Source Technologies(BTN04607) d) Power System Planning(BTN04608)
Monday 10/11/2025	491 492 493	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
Wednesday 12/11/2025	494	Advanced Communication Engineering (BTN04701)
Friday 14/11/2025	495	Power Electronics (BTN04702)
Monday 17/11/2025	496	Mobile Technology (BTN04703)
Wednesday 19/11/2025	497 498 499	Elective-I a) CMOS VLSI Design (BTN04706) b) PLC and Industrial Controllers (BTN04707) c) Software Engineering (BTN04708)
Friday 21/11/2025	500 501 502	Honors 1. AI Applications (BTN04710) 2. Data Science- Business Intelligence (BTN04712) 3. IOT- Architecting IOT Solutions (BTN04714)

Day & Date	Sr. No.	<u>Fourth.Y. (B.Tech.)(Electronics Engg.)Sem-II (New w.e.f.Oct.2023)</u> (CBCSPATTERN) Time:3.00pm to6.00pm
Monday 03/11/2025	503 504 505	Elective-III a) Speech Processing (BTN04806) b) Mechatronics (BTN04807) c) Cloud Computing (BTN04808)
Tuesday 04/11/2025	506 507 508 509	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.	<u>Fourth.Y.(B.Tech.)(Electronics Engg .)Sem-I (w.e.f.June 2021-22)</u> (CBCSPATTERN 2019) Time: 3:00 pm to 6:00pm
Wednesday 12/11/2025	510	Database Management System (197047709)

Day&Date	Sr. No.	T.Y.(B.Tech.)(Computer Science & Engg.)Sem-I (New w.e.f. NOV. 2025) (CBCS 2023 PATTERN) Time:10:00 am to 01:00 pm
Wednesday 12/11/2025	511	Design And Analysis of Algorithms (CSEPCC-07)
Friday 14/11/2025	512	Operating System (CSEPCC-08)
Monday 17/11/2025	513	Database Engineering (CSEPCC-09)
Wednesday 19/11/2025	514 515 516 517	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)
Friday 21/11/2025	518	Creativity and Design Thinking (AEC-02) MCQ paper(1.5 hour i.e. 90 mint.)
Monday 24/11/2025	519 520 521 522 523 524 525 526 527 528	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) Mechanical Engineering: 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) Electronics and Telecommunication Engineering: 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) Computer Science and Engineering: 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) Electrical Engineering: 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Wednesday 26/11/2025	529 530 531	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
Wednesday 12/11/2025	532	Artificial Intelligence(BTN03501)
Friday 14/11/2025	533	Operating Systems (BTN03502)
Monday 17/11/2025	534	Database Engineering (BTN03503)
Wednesday 19/11/2025	535	Design and Analysis of Algorithm (BTN03504)
Friday 21/11/2025	536 537 538	<u>Honors Degree</u> a) Reinforcement Learning (BTN03512) b) Data Preprocessing & Visualization (BTN03513) c) Network Security and Secure Coding (BTN03514)
Friday 28/11/2025	539 540 541 542 543	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 and Coping (BTN03509) 5. Professional Ethics & Human Value(BTN03510)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.)(Computer Science and Engg.)Sem-II (New w.e.f.Nov2022)</u> (CBCS 2020 PATTERN) Time:10:00am to 1:00pm
Monday 03/11/2025	544	System Programming (BTN03601)
Tuesday 04/11/2025	545	Internet of Things (BTN03602)
Thursday 06/11/2025	546	Software Engineering (BTN03603)
Friday 07/11/2025	547 548 549	Professional Elective-I a) Cloud Computing (BTN03606) b) Augmented Reality/Virtual Reality (BTN03607) c) Network Security (BTN03608)
Saturday 08/11/2025	550 551 552	Open Elective a) Principles of Management: Practicing Ethics, Responsibility, Management (BTN03609) b) Engineering Economics and Management (BTN03610) c) Disaster Management (BTN03611)
Monday 10/11/2025	553 554 555	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
Wednesday 12/11/2025	556	Software Testing and Quality Assurance (BTN03701)
Friday 14/11/2025	557	Compiler Construction (BTN03702)
Monday 17/11/2025	558 559 560 561	Elective-II a) Business Intelligence (BTN03706) b) Data Mining (BTN03707) c) Distributed Systems (BTN03708) d) Management Information System (BTN03709)
Wednesday 19/11/2025	562 563 564	Elective-III a) Human Computer Interaction (BTN03710) b) Big Data Analytics (BTN03711) c) Information Retrieval (BTN03712)
Friday 21/11/2025	565 566 567	Honors Degree a) Deep Learning (BTN03713) b) Predictive Analytics (BTN03715) c) Information Auditing and monitoring (BTN03717)
Monday 24/11/2025	568 569	Time: 10:00 am to 12:00pm Self Learning 1.UI/UX Technology (BTN03719) 2.Software Licences and Practices (BTN03720)

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
Wednesday 12/11/2025	570	Electromagnetic Field Theory (ENTPCC-07)
Friday 14/11/2025	571	Digital Signal Processing (ENTPCC-08)
Monday 17/11/2025	572	Microcontrollers and Applications (ENTPCC-09)
Wednesday 19/11/2025	573 574	Programme Elective Course-I 1. Digital Logic Design (ENTPEC – 01A) 2. Fundamentals of Image Processing (ENTPEC – 01B)
Friday 21/11/2025	575	Creativity and Design Thinking (AEC-02) MCQ paper(1.5 hour i.e. 90 mint.)
Monday 24/11/2025	576 577 578 579 580 581 582 583 584 585	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) Mechanical Engineering: 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) Electronics and Telecommunication Engineering: 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) Computer Science and Engineering: 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) Electrical Engineering: 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Wednesday 26/11/2025	586 587 588 762	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) OR Honors in Applications of IT and Control Engineering in Railway (ENTHON-03D)

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
Wednesday 12/11/2025	589	Electromagnetic Field Theory (BTN06501)
Friday 14/11/2025	590	Microcontrollers and Applications (BTN06502)
Monday 17/11/2025	591	Digital Signal Processing (BTN06503)
Wednesday 19/11/2025	592 593 594 595	Open Elective-I a) Managerial Economics (BTN06511) b) Project Management and Operation Research (BTN06512) c) Information Technology and Management (BTN06513) d) Business Ethics (BTN06514)
Friday 21/11/2025	596 597 598 599 600	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)
Friday 28/11/2025	601 602 603 604 605	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 Engg Sem– II (Neww.e.f.Nov.2022) (CBCS 2020 PATTERN) Time:10:00amto 1:00pm
Monday 03/11/2025	606	Antenna & Wave Propagation (BTN06601)
Tuesday 04/11/2025	607	Embedded System(BTN06602)
Thursday 06/11/2025	608	Electronic System Design(BTN06603)
Friday 07/11/2025	609 610 611	Professional Elective-I a) Optical Fiber Communication(BTN06609) b) . Image and Video Processing(BTN06610) c) Multimedia Communication Technology(BTN06611)
Saturday 08/11/2025	612 613 614 615	Open Elective-II a) Sensors and Applications(BTN06605) b) Open Source Technologies(BTN06606) c) Operating Systems(BTN06607) d) Power System Planning(BTN06608)
Monday 10/11/2025	616 617 618 619 620	<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
Wednesday 12/11/2025	621	Microwave Engineering (BTN06701)
Friday 14/11/2025	622	Data Communication (BTN06702)
Monday 17/11/2025	623	VLSI Design (BTN06703)
Wednesday 19/11/2025	624 625 626	Professional Elective-II a) PLC and Industrial Controllers (BTN06707) b) Mobile Communication (BTN06708) c) DSP Processor and application (BTN06709)
Friday 21/11/2025	627 628 629 630 631	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)
Monday 24/11/2025	632	Research Methodology (BTN06704)

Day & Date	Sr. No.	Fourth.Y.(B.Tech.)(E&TC Engg.)Sem-I(w.e.f.June 2021-22) (CBCSPATTERN 2019) Time: 3:00 pm to 6:00pm
Wednesday 26/11/2025	633	Database Management System (197044704)

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
Monday 03/11/2025	634 635 636	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
Tuesday 04/11/2025	637 638 639 640	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.)(Information Technology)Sem-I (New w.e.f.June2022)</u> (CBCSPATTERN 2020) Time:10:00 am to 01:00 pm
Wednesday 12/11/2025	641	System Software (BTN05501)
Friday 14/11/2025	642	Operating Systems (BTN05502)
Monday 17/11/2025	643	Database Engineering (BTN05503)
Wednesday 19/11/2025	644	Design and Analysis of Algorithms (BTN05504)
Friday 21/11/2025	645 646 647	<u>Honors Degree</u> a) Rein for cement Learning (BTN05512) b) Data Preprocessing & Visualization (BTN05513) c) Network Security and Secure Coding (BTN05514)
Friday 28/11/2025	648 649 650 651 652	Time: 10:00 am to 12:00 pm <u>Self Learning</u> 1.Economics (BTN05506) 2. Intellectual Property Rights for Technology Development and Management (BTN05507) 3. Introduction to Sociology (BTN05508) 4. Stress and Coping (BTN05509) 5. Professional Ethics & Human Value (BTN05510)

Day&Date	Sr. No.	<u>T.Y.(B.Tech.) (Information Technology)Sem-II (New w.e.f.Nov.2022)</u> (CBCS 2020 PATTERN) Time:10:00 am to 1:00pm
Monday 03/11/2025	653	Artificial Intelligence (BTN05601)
Tuesday 04/11/2025	654	Object Oriented Modeling & Design (BTN05602)
Thursday 06/11/2025	655	Software Engineering (BTN05603)
Friday 07/11/2025	656 657 658	<u>Professional Elective – I</u> a) Cloud Computing (BTN05606) b) Augmented Reality/Virtual Reality (BTN05607) c) Network Security (BTN05608)
Saturday 08/11/2025	659 660 661	<u>Open Elective</u> a) Principles of Management: Practicing Ethics, Responsibility, Sustainability (BTN05609) b) Engineering Economics and Management (BTN05610) c) Disaster Management (BTN05611)
Monday 10/11/2025	662 663 664	<u>Honors Degree</u> a) Natural Language Processing (BTN05612) b) Machine Learning (BTN05613) c) Cyber forensic (BTN05614)

Day&Date	Sr. No.	Fourth.Y.(B.Tech.)(Information Technology Engg.)Sem-I (New w.e.f.June 2023) (CBCS 2020 PATTERN) Time: 3:00 pm to 6:00pm
Wednesday 12/11/2025	665	Cyber Security (BTN05701)
Friday 14/11/2025	666	Management Information Systems (BTN05702)
Monday 17/11/2025	667 668 669	Professional Elective-II a) Internet of Things (BTN05706) b) Distributed Systems (BTN05707) c) Block chain Technology (BTN05708)
Wednesday 19/11/2025	670 671 672	Professional Elective-III a) Human Computer Interaction (BTN05709) b) Big Data Analytics (BTN05710) c) Information Retrieval (BTN05711)
Friday 21/11/2025	673 674 675	Honors Degree a) Deep Learning (BTN05713) b) Predictive Analytics (BTN05715) c) Information Auditing and monitoring (BTN05717)

Day & Date	Sr. No.	Fourth. Y. (B.Tech.)(Information Technology Engg.) Sem-II (New w.e.f.Oct.2023) (CBCSPATTERN) Time: 3:00 pm to 6:00 pm
Monday 03/11/2025	676	Management Information System(197046801)
Tuesday 04/11/2025	677	Information Assurance and Security (197046802)
Thursday 06/11/2025	678 679	Elective-IV a) Big Data Analytics (197046805) b) Cloud Computing (197046806)/
Friday 07/11/2025	680 681	Elective-V a) Natural Language Processing (197046807) b) Information Retrieval (197046808)

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
Wednesday 12/11/2025	682	Electromagnetic Engineering (EEPCC-07)
Friday 14/11/2025	683	Power System Analysis (EEPCC-08)
Monday 17/11/2025	684	Linear Control System (EEPCC-09)
Wednesday 19/11/2025	685 686 687	Programme Elective Course-I 1) Advanced Microcontroller Systems (EEPEC-01A) 2) Advanced Electrical Machines (EEPEC-01B) 3) Hybrid Electrical Vehicle Design (EEPEC-01C)
Friday 21/11/2025	688	Creativity and Design Thinking (AEC-02) MCQ paper(1.5 hour i.e. 90 mint.)
Monday 24/11/2025	689 690 691 692 693 694 695 696 697 698	Multidisciplinary Minor III Civil Engineering: 1) Design Optimization (CIVMDM-03A) OR 2) Operation Research and Management (CIVMDM-03B) Mechanical Engineering: 3) Advanced Materials and Manufacturing Process (MECHMDM-03A) OR 4) Operation Research (MECHMDM-03B) Electronics and Telecommunication Engineering: 5) PIC Microcontroller (ENTMDM-03A) OR 6) IoT Networks and Security (ENTMDM-03B) Computer Science and Engineering: 7) Machine Learning (CSEMDM-03A) OR 8) Object Oriented Modeling and Design (CSEMDM-03B) Electrical Engineering: 9) Electrical Installation and Utilization (EEMDM-03A) OR 10) Electric Vehicle Controls (EEMDM-03B)
Wednesday 26/11/2025	699 700	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.	<u>T.Y.(B.Tech.)(ElectricalEngg.)Sem-I(New w.e.f.June 2022)</u> (CBCS 2020 PATTERN)(OLD UP TO MAR-2026) Time:10:00 am to 01:00 pm
Wednesday 12/11/2025	701	Power System-III(BTN07501)
Friday 14/11/2025	702	Linear Control System(BTN07502)
Monday 17/11/2025	703	Advanced Microcontroller System (BTN07503)
Wednesday 19/11/2025	704	Electromagnetic Engineering (BTN07504)
Friday 21/11/2025	705 706 707 708	Open Elective-I a) Information Technology & Management(BTN07512) b) Advanced Electrical Machines (BTN07513) c) Business Ethics(BTN07514) d) Managerial Economics(BTN07515)
Monday 24/11/2025	709 710	Honors Degree 1. Smart Energy Management System (BTN07516) 2. Electric Motors and Controls for Electric Vehicle (BTN07517)
Friday 28/11/2025	711 712 713 714 715	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.)(ElectricalEngg.)Sem-II(New w.e.f.Nov.2022) (CBCS 2020 PATTERN) Time:10:00 am to 1:00pm
Monday 03/11/2025	716	Electrical Machine Design (BTN07601)
Tuesday 04/11/2025	717	Electrical Utilization (BTN07602)
Thursday 06/11/2025	718	Power Electronics & Industrial Drives (BTN07603)
Friday 07/11/2025	719	Advanced Control Systems (BTN07604)
Saturday 08/11/2025	720 721 722 723	Open Elective-I a) Operating Systems (BTN07606) b) Renewable Energy Sources (BTN07607) c) Fiber Optic Communication (BTN07608) d) Sensors & Applications (BTN07609)
Monday 10/11/2025	724 725 726	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
Tuesday 11/11/2025	727 728	Honars Subject, 1. Energy Management System for Electric Vehicle(BTN07614) 2. Distributed Energy Integration (BTN07613)

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

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
Wednesday 12/11/2025	730	Power Quality and FACTS (BTN07701)
Friday 14/11/2025	731	Signals and System (BTN07702)
Monday 17/11/2025	732	Switchgear and Protection (BTN07703)
Wednesday 19/11/2025	733 734 735 736 737 738	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)
Friday 21/11/2025	739 740 741 742 743 744	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)
Monday 24/11/2025	745 802	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) (CBCSPATTERN) Time: 3:00 pm to 6:00 pm
Monday 03/11/2025	746 747 748	Self Learning Module-III a) Electrical Estimation, Installation, and Testing (BTN07802) b) Mechatronics (BTN07803) c) Alternate Energy Systems (BTN07804)
Tuesday 04/11/2025	749 750 751	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.	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 15/12/2025	752	Internal Combustion Engines (BTN02306)

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
Monday 15/12/2025	753	Applied Mathematics-I(BTN03301)
Tuesday 16/12/2025	754	Microprocessors (BTN03305)

Day&Date	Sr. No.	<u>S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem-I (w.e.f. June 2021)</u> (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Tuesday 16/12/2025	755	Engineering Mathematics–III(BTN06301)
Thursday 18/12/2025	756	Digital Techniques (BTN06304)

Day&Date	Sr. No.	<u>S.Y.(B.Tech.) (Electrical Engg.)Sem– I (w.e.f. June 2021)</u> (CBCS 2020 PATTERN) Time: 03.00 pm to 06.00 pm
Monday 15/12/2025	757	Engineering Mathematics-III(BTN07301)
Tuesday 16/12/2025	758	Electrical Machines-I(BTN07302)
Wednesday 17/12/2025	759	Power System I (BTN07304)
Thursday 18/12/2025	760	Electronic devices and Circuits (BTN07305)
Friday 19/12/2025	761	Electrical Measurement and Instrumentation (BTN07303)

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Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/2310

Date: 26/11/2025

Sd/-
Director
Board of Examinations and Evaluation

Equivalence Subject List

Pattern 2020 Paper Code	B.Tech Sem-I OLD	Pattern 2023 Paper Code	B.Tech Sem-I NEW
BTN10101	Engineering Physics-I	BTCE0101	Engineering Physics
BTN10102	Engineering Chemistry-I	BTCE0102	Engineering Chemistry
BTN10103	Engineering Mathematics-I	BTCE0103	Engineering Mathematics-I
BTN10104	Basics of Civil and Mechanical Engineering	BTCE0104	Basics of Civil and Mechanical Engineering
BTN10105	Engineering Mechanics	BTCE0106	Engineering Mechanics
BTN10106	Universal Human Values		
Pattern 2020 Paper Code	B.Tech Sem-II OLD	Pattern 2023 Paper Code	B.Tech Sem-II NEW
BTN10201	Engineering Physics-II	BTCE0201	Engineering Physics
BTN10202	Engineering Chemistry-II	BTCE0202	Engineering Chemistry
BTN10203	Engineering Mathematics-II	BTCE0203	Engineering Mathematics-II
BTN10204	Basic Electrical & Electronics Engineering	BTCE0205	Basic Electrical and Electronics Engineering
BTN10205	Programming for Problem Solving		
BTN10206	Engineering Graphics and CAD		No equ
Pattern 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper Code	B.Tech Sem-III NEW
BTN01301	Surveying & Geomatics	CIVPCC-03	Surveying & Geomatics
BTN01302	Fluid Mechanics and Fluid Machines	CIVPCC-02	Fluid Mechanics and Fluid Machines
BTN01303	Concrete Technology, Material Testing & Evaluation		No equ
BTN01304	Building Construction & Drawing		No equ
BTN01305	Structural Mechanics-I	CIVPCC-01	Structural Mechanics –I
Pattern 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper Code	B.Tech Sem-IV NEW
BTN01401	Environmental Engineering-I		
BTN01402	Building Planning & Design		
BTN01403	Structural Mechanics-II		
BTN01404	Engineering Mathematics-III		
BTN01405	Engineering Geology		
BTN01407	Environmental Laws and Impact Assessment		
BTN01408	Applications of Information Technology and Information systems		

BTN01409	Design Thinking		
BTN01410	Disaster Management		

Pattern 2020 Paper Code	B.Tech Sem-I OLD	Pattern 2023 Paper Code	B.Tech Sem-I NEW
BTN10101	Engineering Physics-I	BTME0101	Engineering Physics
BTN10102	Engineering Chemistry-I	BTME0102	Engineering Chemistry
BTN10103	Engineering Mathematics-I	BTME0103	Engineering Mathematics-I
BTN10104	Basics of Civil and Mechanical Engineering	BTME0104	Basics of Civil and Mechanical Engineering
BTN10105	Engineering Mechanics	BTME0106	Engineering Mechanics
BTN10106	Universal Human Values		
Pattern 2020 Paper Code	B.Tech Sem-II OLD	Pattern 2023 Paper Code	B.Tech Sem-II NEW
BTN10201	Engineering Physics-II	BTME0201	Engineering Physics
BTN10202	Engineering Chemistry-II	BTME0202	Engineering Chemistry
BTN10203	Engineering Mathematics-II	BTME0203	Engineering Mathematics-II
BTN10204	Basic Electrical & Electronics Engineering	BTME0205	Basic Electrical and Electronics Engineering
BTN10205	Programming for Problem Solving		
BTN10206	Engineering Graphics and CAD		No Equ
Pattern 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper Code	B.Tech Sem-III NEW
BTN02301	Applied Thermodynamics	MECHPCC-01	Applied Thermodynamics
BTN02302	Mechanics of Materials	MECHPCC-03	Mechanics of Materials
BTN02303	Manufacturing Processes	MECHPCC-02	Manufacturing Processes
BTN02304	Machine Drawing & CAD		
BTN02305	Microprocessin Automations		no equ
BTN02306	Internal Combustion Engines		no equ
BTN02307	Composite Material		No Equ
Pattern 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper Code	B.Tech Sem-IV NEW
BTN02401	Engineering Mathematics–III		
BTN02402	Manufacturing Technology		
BTN02403	Fluid Mechanics & Fluid Machines		
BTN02404	Kinematics&Theory of Machines		
BTN02408	Mechatronic Systems		
BTN02409	Power Plant And Energy Engineering		
BTN02410	Solid Mechanics		
BTN02411	Industrial Robotics		
BTN02412	Introduction to 3D Printing		
BTN02413	Renewable Energy Sources		
BTN02414	Introduction to Automobile Engineering		

Pattern	B.Tech Sem-I OLD	Pattern 2023	B.Tech Sem-I NEW
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2020 Paper Code		Paper Code	
BTN10101	Engineering Physics-I	BTETE0101	Engineering Physics
BTN10102	Engineering Chemistry-I	BTETE0102	Engineering Chemistry
BTN10103	Engineering Mathematics-I	BTETE0103	Engineering Mathematics-I
BTN10104	Basics of Civil and Mechanical Engineering	BTETE0104	Basics of Civil and Mechanical Engineering
BTN10105	Engineering Mechanics	BTETE0106	Engineering Mechanics
BTN10106	Universal Human Values		
Pattern 2020 Paper Code	B.Tech Sem-II OLD	Pattern 2023 Paper Code	B.Tech Sem-II NEW
BTN10201	Engineering Physics-II	BTETE0201	Engineering Physics
BTN10202	Engineering Chemistry-II	BTETE0202	Engineering Chemistry
BTN10203	Engineering Mathematics-II	BTETE0203	Engineering Mathematics-II
BTN10204	Basic Electrical & Electronics Engineering	BTETE0205	Basic Electrical and Electronics Engineering
BTN10205	Programming for Problem Solving		
BTN10206	Engineering Graphics and CAD		No Equ
Pattern 2020 Paper Code	B.Tech Sem-III OLD	Pattern 2023 Paper Code	B.Tech Sem-III NEW
BTN06301	Engineering Mathematics-III		
BTN06302	Electronic Circuit Analysis and Design	ENTPCC-02	Electronics Circuit Analysis & Design Network Theory Analysis
BTN06303	Network Theory and Analysis	ENTPCC-01	
BTN06304	Digital Techniques		
BTN06305	Analog Communication	(ENTPCC-03	Analog and Digital Communication
Pattern 2020 Paper Code	B.Tech Sem-IV OLD	Pattern 2023 Paper Code	B.Tech Sem-IV NEW
BTN06401	Control System		
BTN06402	Analog Integrated Circuits		
BTN06403	Principles of Digital Communication		
BTN06404	Signals and Systems		
BTN06405	Data Structures		
BTN04407	Computational Statistics		
BTN04408	Database Management Systems		
BTN04409	Fundamentals of IOT		
BTN04410	Cryptography		
BTN04411	Railway Engineering: A Beginner's Perspective		
Pattern 2020 Paper Code	B.Tech Sem-I OLD	Pattern 2023 Paper Code	B.Tech Sem-I NEW
BTN10101	Engineering Physics-I	BTCSE0101	Engineering Physics
BTN10102	Engineering Chemistry-I	BTCSE0102	Engineering Chemistry
BTN10103	Engineering Mathematics-I	BTCSE0103	Engineering Mathematics-I
BTN10104	Basics of Civil and Mechanical Engineering	BTCSE0104	Basics of Civil and Mechanical Engineering
BTN10105	Engineering Mechanics		

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

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

197041601	Machine Design-II	BTN02601	Transmission System Design
197041603	Heat Transfer	BTN02603	Heat Transfer
197042703	Design of Concrete Structures-II	BTN01603	Design of Concrete Structures-II
197042603	Design of Concrete Structures-I	BTN01505	Design of Concrete Structures-I
197045707	Energy Audit and Management	BTN07805	Energy Audit and Management
197045801	Power Quality & FACTS	BTN07701	Power Quality & FACTS
197041501	Machine Design-I	BTN02501	Design of Machine Elements
197041701	Refrigeration and Air Conditioning	BTN02701	Refrigeration and Air Conditioning
197042704	Earthquake Engineering	BTN01702	Earthquake Engineering
197045604	Signals & Systems	BTN07702	Signals & Systems
197047701	Power Electronics	BTN04702	Power Electronics
197041702	Automobile Engineering	BTN02702	Automobile Engineering
197042717	Water Power Engineering	BTN01715	Water Power Engineering
197041706	Production and Operations Management	BTN02706	Production and Operations Management
197041713	Entrepreneurship Development	BTN02711	Entrepreneurship Development