

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2022 SEMESTER PATTERN EXAMINATION

FINAL PROGRAM OF THE BACHELOR OF TECHNOLOGY (B.TECH.)

EXAMINATIONS IN THE BRANCHES

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

OCT./NOV.- 2022 EXAMINATION TO BE HELD IN JAN-2023

- 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 into 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.
- As per the Rights of Person with Disabilities Act-2016 the persons with Disabilities are given 20 minutes extra for one per hour for the Online/Offline exam. (केंद्र शासनाच्या अपंग व्यक्ती अधिकार अधिनियम २०१६ मधील तरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधारण विद्यार्थ्यांपेक्षा १ तासाला कमीत कमी २० मिनीट इतका वेळ वाढवून देण्यास सर्वानुमते मान्यता देण्यात आली.)

The Written Examinations will be held at the following places:

Sr.No.	Center	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.	T.Y. (B.Tech.) (Civil Engg.) Sem – I (New w.e.f. Nov. 2022) (CBCS 2020 PATTERN) Time: 10:00 am to 1:00 pm
Wednesday 25/01/2023	1	Design of Steel Structures (BTN01501)
Tuesday 31/01/2023	2	Geotechnical Engineering (BTN01502)
Thursday 02/02/2023	3	Highway and Tunnel Engineering (BTN01503)
Tuesday 07/02/2023	4	Hydrology and Water Resources Engineering (BTN01504)
Thursday 09/02/2023	5	Design of Concrete Structures I (BTN01505)
Tuesday 14/02/2023	6	Environmental Engineering-II (BTN01506)
Thursday 16/02/2023	7 8 9 10	<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)
Monday 20/02/2023	11 12 13 14 15	<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)

Day & Date	Sr. No.	<u>T.Y. (B.Tech.) (Civil Engg.) Sem – I (w.e.f. Nov. 2020)</u> (CBCS PATTERN) (Old up to MAR-2023) Time: 10:00 am to 1:00 pm
Wednesday 25/01/2023	16	Design of Steel Structures (197042501)
Tuesday 31/01/2023	17	Geotechnical Engineering (197042502)
Thursday 02/02/2023	18	Waste water Engineering & Air Pollution (197042503)
Tuesday 07/02/2023	19	Highway & Tunnel Engineering (197042504)
Thursday 09/02/2023	20	Hydrology and Water Resources Engineering (197042505)
Monday 20/02/2023	21 22 23 24 25	Self Learning 1. Economics (197042509) 2. Intellectual Property Rights for Technology Development And Management (197042510) 3. Introduction to Sociology (197042511) 4. Stress and Coping (197042512) 5. Professional Ethics & Human Value (197042513)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Nov.2020) (CBCS PATTERN) Time: 10:00 am to 1:00 pm
Tuesday 14/02/2023	26	Foundation Engineering (197042601)
Thursday 16/02/2023	27	Hydraulic Structures & Water Power Engg (197042602)
Monday 20/02/2023	28	Professional Elective-I
		a) Masonry Structures (197042607)
	29	b) Structural Analysis by Matrix Methods (197042608)
	30	c) Structural Dynamics (197042609)
	31	d) Structural Geology (197042610)
	32	e) Urban Transportation Planning. (197042611)
	33	f) Pavement Design (197042612)
	34	g) Metro Systems and Engineering (197042613)
	35	h) Construction Engineering Materials (197042614)
	36	i) Systems Engineering & Economics (197042615)
	37	j) Infrastructure Planning and Management (197042616)
	38	k) Ecological Engineering (197042617)
	39	l) Solid and Hazardous Waste Management (197042618)
	40	m) Physico-Chemical Processes for Water and Wastewater Treatment(197042619)
41	n) Hydraulic modeling (197042620)	
42	o) Urban Hydrology and Hydraulics (197042621)	
43	p) Instrumentation & Sensor Technologies for Civil Engg. Applications(197042622)	
44	q) Open Channel flow & River Hydraulics (197042623)	
Wednesday 22/02/2023	45	Design of Concrete Structures-I (197042603)
Friday 24/02/2023	46	Principles of Management and Quantitative Techniques (197042604)
Monday 27/02/2023	47	Self Learning 6. Geosynthetics and Reinforced Soil Structures (197042624)
	48	7. Rural Roads (197042625)
	49	8. Planning for Sustainable Development (197042626)
	50	9. TQM and MIS in Civil Engineering (197042627)
	51	10. Earthquake Resistant Non Engineered Construction (197042628)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Civil Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	52	Engineering Economics, Estimation & Costing (197042701)
Tuesday 31/01/2023	53	Construction Engineering, Management & Construction Practices (197042702)
Thursday 02/02/2023	54	Design of Concrete Structures-II (197042703)
Tuesday 07/02/2023	55	Earthquake Engineering (197042704)
Thursday 09/02/2023	56 57 58 59 60 61 62 63 64	Professional Elective-II a) Metal Structure Behaviour- I (197042709) b) Advanced Structural Analysis (197042710) c) Finite Element Method (197042711) d) Traffic Engineering and Management (197042712) e) Geosynthetics and soil structures (197042713) f) Advanced Railway Track (197042714) g) Construction Productivity (197042715) h) Environmental Systems (197042716) i) Water Power Engineering (197042717)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. OCT 2021) (CBCS PATTERN) Time: 2:00 pm to 5:00 pm
Tuesday 14/02/2023	65 66 67 68 69 70 71 72 73 74	Professional Elective-III Industrial Structures (197042805) Public Transportation Systems (197042807) Construction Cost Analysis (197042810) Rural Water Supply and Onsite Sanitation Systems (197042812) Repairs & Rehabilitation of Structures (197042806) Airport Planning and Design (197042808) Construction Equipment & Automation (197042811) Air & Noise Pollution and Control (197042813) High Speed Rail Engineering (197042809) Surface Hydrology (197042814)
Thursday 16/02/2023	75 76 77 78 79 80 81 82 83 84	Professional Elective-IV Metal Structure Behaviour – II (197042815) Infrastructure Planning and Design (197042817) Advanced Concrete Technology (197042821) Water and Air Quality Modelling (197042823) Design of Bridges (197042816) Transportation Economics (197042818) Entrepreneurship (197042822) Water Resources Field Methods (197042824) Railway Project Design & Planning for Civil Engineering (197042819) Ground Improvement Techniques (197042820)
Monday 20/02/2023	85	Railway & Harbour Engineering (197042801)
Wednesday 22/02/2023	86	Open Elective-III :Economic policies in India (197042802)
Friday 24/02/2023	87	Professional Practice, Law & Ethics (197042803)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Mechanical Engg.) Sem – I (New w.e.f. June 2022) (CBCS 2020 PATTERN) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	88	Design of Machine Elements (BTN02501)
Tuesday 31/01/2023	89	CAD-CAM-CAE (BTN02502)
Thursday 02/02/2023	90	Metallurgy (BTN02503)
Tuesday 07/02/2023	91	Industrial Engineering (BTN02504)
Thursday 09/02/2023	92 93 94 95	Professional Elective-III a) GAS TURBINES (BTN02514) b) : Tool Engineering (BTN02515) c) Industrial Hydraulics & Pneumatics (BTN02516) d) Mechanical Vibrations (BTN02517)
Thursday 16/02/2023	96 97 98 99	Honors Degree Machine Vision (BTN02518) 3D Printing Material (BTN02519) Energy Conservation, Audit and Management (BTN02520) Introduction to Electric and Hybrid Vehicles (BTN02521)
Monday 20/02/2023	100 101 102 103 104	Self Learning 1. Economics (BTN02508) 2. Intellectual Property Rights for Technology Development And Management (BTN02509) 3. Introduction to Sociology (BTN02510) 4. Stress and Coping (BTN02511) 5. Professional Ethics & Human Value (BTN02512)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Mechanical Engg.) Sem – I (w.e.f. June 2020) (CBCS PATTERN) (Old up to MAR-2023) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	105	Machine Design –I (197041501)
Tuesday 31/01/2023	106	CAD-CAM & CAE (197041502)
Thursday 02/02/2023	107	Metallurgy (197041503)
Tuesday 07/02/2023	108	Industrial Engineering and Operation Research (197041504)
Thursday 09/02/2023	109 110 111 112	Professional Elective-I a) Gas turbines (197041507) b) Industrial Hydraulics and Pneumatics (197041508) c) Non Conventional Machining (197041509) d) Tool Engineering (197041510)
Monday 20/02/2023	113 114 115 116 117	Self Learning 1. Economics (197041512) 2. Intellectual Property Rights for Technology Development and Management (197041513) 3. Introduction to Sociology (197041514) 4. Stress and Coping (197041515) 5. Professional Ethics & Human Value (197041516)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Mechanical Engg.) Sem – II (New w.e.f. Nov. 2020) (CBCS PATTERN) Time: 10.00 am to 1.00 pm
Tuesday 14/02/2023	118	Machine Design –II (197041601)
Thursday 16/02/2023	119	Instrumentation & Control (197041602)
Monday 20/02/2023	120	Heat Transfer (197041603)
Wednesday 22/02/2023	121	Industrial & Quality Management (197041604)
Friday 24/02/2023	122 123 124 125 126	Professional Elective-IV A) Project Management (197041608) B) Industrial Product Design (197041609) C) Plastic Engineering (197041610) D) Mechanical Vibrations (197041611) E) Railway Transportation. (197041612)
Monday 27/02/2023	127 128 129 130	Self Learning 6. MANUFACTURING OF COMPOSITES (197041613) 7. DESIGN PRACTICE (197041614) 8. JOINING TECHNOLOGIES FOR METALS (197041615) 9. STEAM POWER ENGINEERING (197041616)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Mechanical Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	131	Refrigeration and Air Conditioning (197041701)
Tuesday 31/01/2023	132	Automobile Engineering (197041702)
Thursday 02/02/2023	133	Robotics and Artificial Intelligence (197041703)
Tuesday 07/02/2023	134 135 136 137 138 139	Professional Elective- V a) Production and Operations Management (197041706) b) Computational Fluid Dynamics (197041707) c) Process Engineering (197041708) d) Finite Element Method (197041709) e) Tribology (197041710) f) Railway Systems Management (197041711)
Thursday 09/02/2023	140 141 142 143 144 145	Open Elective a) Costing and Cost Control (197041712) b) Entrepreneurship Development (197041713) c) Business Development (197041714) d) Product Life Cycle Management (197041715) e) Business Economics (197041716) f) Reliability Engineering (197041717)

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 1.00 pm
Wednesday 25/01/2023	146	Digital Communication (BTN04501)
Tuesday 31/01/2023	147	Digital Signal Processing (BTN04502)
Thursday 02/02/2023	148	Microcontrollers (BTN04503)
Tuesday 07/02/2023	149 150 151 152	Open Elective- I Information Technology and Management (BTN04513) Managerial Economics (BTN04514) Project Management and Operation Research (BTN04515) Business Ethics (BTN04516)
Thursday 16/02/2023	153 154 155	Honors Degree Artificial Intelligence (BTN04517) Data Processing & Feature Engineering (BTN04518) Industrial IoT (BTN04519)
Monday 20/02/2023	156 157 158 159 160	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 – I (New w.e.f. NOV. 2020) (CBCS PATTERN) (Old up to MAR-2023) Time: 10.00 am to 1.00 pm
Wednesday 25/01/2023	161	Digital Communication (197047501)
Tuesday 31/01/2023	162	Digital Signal Processing (197047502)
Thursday 02/02/2023	163	Microcontrollers (197047503)
Tuesday 07/02/2023	164	Electro Magnetic Engineering (197047504)
Thursday 09/02/2023	165 166 167 168	Open Elective-I a) Information Technology & Management (197047506) b) Hybrid Electric Vehicle Design (197047507) c) Business Ethics (197047508) d) Managerial Economics (197047509)
Monday 20/02/2023	399 400 169 170 171	Self Learning 10. Economics (197047510) 11. Intellectual Property Rights for Technology Development and Management (197047511) 12. Introduction to Sociology (197047512) 13. Stress and Coping (197047513) 14. Professional Ethics & Human Value (197047514)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Electronics Engg.) Sem – II (New w.e.f. NOV. 2020) (CBCS PATTERN) Time: 10:00 am to 1:00 pm
Tuesday 14/02/2023	172	Computer Networks (197047601)
Thursday 16/02/2023	173	Embedded Systems (197047602)
Monday 20/02/2023	174	Electronics System Design (197047603)
Wednesday 22/02/2023	175	VLSI Design (197047604)
Friday 24/02/2023	176 177 178 179	Open Elective-II A) OPERATING SYSTEMS (197047606) b) Optical Communication (197047608) c) Sensors and Applications (197047609) d) Advanced Control System (197047607)
Monday 27/02/2023	180 181 182 183	Self Learning 15. ROBOTICS (197047610) 16. AUTOMOTIVE ELECTRONICS (197047611) 17. ELECTRONIC INSTRUMENTATION (197047612) 18. PROGRAMMING WITH JAVA (197047613)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Electronics Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	184	Power Electronics (197047701)
Tuesday 31/01/2023	185	CMOS VLSI Design (197047702)
Thursday 02/02/2023	186	Mobile Technology (197047703)
Tuesday 07/02/2023	187	Internet of Things (197047704)
Thursday 09/02/2023	188 189 190	Open Elective - I a) Image Processing (197047707) b) Mechatronics (197047708) c) Database Management Systems (197047709)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Electronics Engg.) Sem – II (New w.e.f. Oct. 2021) (CBCS PATTERN) Time: 2.00 pm to 5.00 pm
Tuesday 14/02/2023	191	Advanced Communication Engineering (197047801)
Thursday 16/02/2023	192	Audio Video Systems (197047802)
Monday 20/02/2023	193 194 195	Elective -II Speech processing (197047804) PLC and Industrial Controllers (197047805) Data Analytics (197047806)
Wednesday 22/02/2023	196 197 198	Elective -III Broadband Communication (197047807) Biomedical Instrumentation (197047808) Computer Architecture (197047809)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Computer Science & Engg.) Sem – I (New w.e.f. June 2022) (CBCS 2020 PATTERN) Time: 10.00 am to 1.00 pm
Wednesday 25/01/2023	199	Artificial Intelligence (BTN03501)
Tuesday 31/01/2023	200	Operating Systems (BTN03502)
Thursday 02/02/2023	201	Database Engineering (BTN03503)
Tuesday 07/02/2023	202	Design and Analysis of Algorithmic (BTN03504)
Thursday 16/02/2023	203 204 205	Honors Degree Reinforcement Learning (BTN03512) Data Preprocessing & Visualization (BTN03513) Network Security and Secure Coding (BTN03514)
Monday 20/02/2023	206 207 208 209 210	Self Learning 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.	T.Y. (B.Tech.) (Computer Science & Engg.) Sem – I (w.e.f. June 2020) (Old up to MAR-2023) (CBCS PATTERN) Time: 10.00 am to 1.00 pm
Wednesday 25/01/2023	211	System Programming (197043501)
Tuesday 31/01/2023	212	Operating Systems (197043502)
Thursday 02/02/2023	213	Software Engineering (197043503)
Tuesday 07/02/2023	214	Database Engineering (197043504)
Thursday 09/02/2023	215	Design and Analysis of Algorithm (197043505)
Monday 20/02/2023	216 217 218 219 220	Self Learning 1. Economics (197043509) 2. Intellectual Property Rights for Technology Development and Management (197043510) 3. Introduction to Sociology (197043511) 4. Stress and Coping (197043512) 5. Professional Ethics & Human Value (197043513)

Day & Date	Sr	T.Y. (B.Tech.) (Computer Science & Engg.) Sem – II (New w.e.f. June 2020) (CBCS PATTERN) Time: 10.00 am to 1.00 pm
Tuesday 14/02/2023	221	Compiler Construction (197043601)
Thursday 16/02/2023	222	Unix Operating System (197043602)
Monday 20/02/2023	223	Computer Organization and Architecture (197043603)
Wednesday 22/02/2023	224	Artificial Intelligence (197043604)
Friday 24/02/2023	225 226 227	Elective OBJECT ORIENTED MODELING & DESIGN (197043607) ARTIFICIAL NEURAL NETWORK (197043608) DATA SCIENCE (197043609)
Monday 27/02/2023	228 229	Self Learning 6. UI / UX Technology (197043610) 7. Software Licences and Practices (197043611)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Computer Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	230	Distributed Systems (197043701)
Tuesday 31/01/2023	231	Machine Learning (197043702)
Thursday 02/02/2023	232	Modern Database System (197043703)
Tuesday 07/02/2023	233 234 235	Elective -II a) Internet of Things (197043707) b) Software Testing and Quality Assurance (197043708) c) Adhoc and Sensor Networks (197043709)
Thursday 09/02/2023	236 237 238	Elective -III a) Business Intelligence (197043710) b) - Data Mining (197043711) c) Real Time Systems (197043712)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Computer Engg.) Sem – II (New w.e.f. Nov. 2021) (CBCS PATTERN) Time: 2:00 pm to 5:00 pm
Tuesday 14/02/2023	239	Management Information System (197043801)
Thursday 16/02/2023	240	Information & Cyber Security (197043802)
Monday 20/02/2023	241 242	Elective -IV a) - Big data Analytics (197043805) b) Natural Language Programming (197043806)
Wednesday 22/02/2023	243 244	Elective -V a) Cloud Computing (197043807) b) - Deep Learning (197043808)

Day & Date	Sr. No.	T.Y. B. Tech. (Electronics & Telecommunication Engg Sem – I (New w.e.f. June 2022) (CBCS2020 PATTERN) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	245	Electromagnetic Field Theory (BTN06501)
Tuesday 31/01/2023	246	Microcontrollers and Applications (BTN06502)
Thursday 02/02/2023	247	Digital Signal Processing (BTN06503)
Tuesday 07/02/2023	248 249 395 396	Open Elective-I a) Managerial Economics (BTN06511) b) Project Management and Operation Research (BTN06512) c) Information Technology and Management (BTN06513) d) Business Ethics (BTN06514)
Thursday 16/02/2023	250 251 252 253 254	Honors Degree Artificial Intelligence (BTN06515) Data Processing & Feature Engineering (BTN06516) Industrial IoT (BTN06517) Data Communication and Signaling in Railway (BTN06518) Network Security and Secure Coding (BTN06519)
Monday 20/02/2023	255 256 257 258 259	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 – I (w.e.f. June 2020) (Old up to MAR-2023) (CBCS PATTERN) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	260	Electromagnetic Field Theory (197044501)
Tuesday 31/01/2023	261	Digital Design & HDL (197044502)
Thursday 02/02/2023	262	Digital Signal Processing (197044503)
Tuesday 07/02/2023	263	Microcontrollers and Applications (197044504)
Thursday 09/02/2023	264 265 266 267	Open Elective-I c) Information Technology & Management (197044506) d) Hybrid Electric Vehicle Design (197044507) c) Business Ethics (197044508) d) Managerial Economics (197044509)
Monday 20/02/2023	268 269 270 271 272	Self Learning 1. Economics (197044510) 2. Intellectual Property Rights for Technology Development and Management (197044511) 3. Introduction to Sociology (197044512) 4. Stress and Coping (197044513) 5. Professional Ethics & Human Value (197044514)

Day & Date	Sr No	<u>T.Y. B. Tech. (Electronics & Telecommunication Engg Sem –II</u> (New w.e.f. June 2020) (CBCS PATTERN) Time: 10:00 am to 1:00 pm
Tuesday 14/02/2023	273	Antenna & Wave Propagation (197044601)
Thursday 16/02/2023	274	Embedded System (197044602)
Monday 20/02/2023	275	Electronic System Design (197044603)
Wednesday 22/02/2023	276	Advanced Mobile Communication (197044604)
Friday 24/02/2023	277 278 279 280	Open Elective-II a) Optical Communication (197044608) b) Sensors & Applications (197044609) c) Operating Systems (197044606) d) Advanced Control System (197044607)
Monday 27/02/2023	281 282 283	Self Learning a. Computer Organization (197044610) b. Renewable Energy Systems (197044611) c.. Soft Computing (197044612)

Day & Date	Sr. No.	<u>Fourth.Y. (B.Tech.) (E & TC Engg.) Sem – I (New w.e.f. June 2021)</u> (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	284	Machine Learning (197044701)
Tuesday 31/01/2023	285	Data Communication (197044702)
Thursday 02/02/2023	286	Internet of Things (197044703)
Tuesday 07/02/2023	287	Database Management System (197044704)
Thursday 09/02/2023	288 289	Elective -II a) Image & Video Processing (197044707) b) Wireless Sensor Network (197044708)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (E & TC Engg.) Sem – II (New w.e.f. Oct. 2021) (CBCS PATTERN) Time: 2.00 pm to 5.00 pm
Tuesday 14/02/2023	290	Microwave Engineering (197044801)
Thursday 16/02/2023	291	CMOS VLSI Design (197044802)
Monday 20/02/2023	292 293	Elective -III a. Industrial IOT (197044804) b. Artificial Intelligence and Applications (197044805)
Wednesday 22/02/2023	294 295	Elective -IV a. Network Security (197044806) b. Data Analytics (197044807)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Information Technology) Sem – I (New w.e.f. June 2022) (CBCS 2020 PATTERN) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	296	System Software (BTN05501)
Tuesday 31/01/2023	297	Operating Systems (BTN05502)
Thursday 02/02/2023	298	Database Engineering (BTN05503)
Tuesday 07/02/2023	299	Design and Analysis of Algorithms (BTN05504)
Thursday 16/02/2023	300 301 302	Honors Degree Reinforcement Learning (BTN05512) Data Preprocessing & Visualization (BTN05513) Network Security and Secure Coding (BTN05514)
Monday 20/02/2023	303 304 305 306 307	Self Learning 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.	T.Y. (B.Tech.) (Information Technology) Sem – I (w.e.f. June 2020) (CBCS PATTERN) (Old up to MAR-2023) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	308	Operating System (197046501)
Tuesday 31/01/2023	309	System Software (197046502)
Thursday 02/02/2023	310	Design and Analysis of Algorithms (197046503)
Tuesday 07/02/2023	311	Database Engineering (197046504)
Thursday 09/02/2023	312	Computer Organization and Architecture (197046505)
Monday 20/02/2023	313 314 315 316 317	Self Learning 1. Economics (197046507) 6. Intellectual Property Rights for Technology Development and Management (197046508) 7. Introduction to Sociology (197046509) 8. Stress and Coping (197046510) 9. Professional Ethics & Human Value (197046511)

Day & Date	Sr No.	<u>T.Y. (B.Tech.) (Information Technology) Sem – II (New w.e.f. June 2020)</u> (CBCS PATTERN) Time: 10:00 am to 1:00 pm
Tuesday 14/02/2023	318	Software Engineering (197046601)
Thursday 16/02/2023	319	Object Oriented Modeling and Design (197046602)
Monday 20/02/2023	320	Artificial Intelligence (197046603)
Wednesday 22/02/2023	321 322	Elective – I Data Science (197046607) Artificial Neural Network (197046608)
Friday 24/02/2023	323 324	Self Learning 6. USER INTERFACE TECHNOLOGIES (197046609) 7. AGILE PROJECT MANAGEMENT (197046610)

Day & Date	Sr. No.	<u>Fourth.Y. (B.Tech.) (Information Technology Engg.) Sem – I</u> (New w.e.f. June 2021) (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	325	Machine Learning (197046701)
Tuesday 31/01/2023	326	Advanced Database System (197046702)
Thursday 02/02/2023	327	Software Testing and Quality Assurance (197046703)
Tuesday 07/02/2023	328	Distributed Systems (197046704)
Thursday 09/02/2023	329 330 331	Elective -II a) Data Mining (197046707) b) Internet Of Things (197046708) C) Business Intelligence (197046709)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Information Technology Engg.) Sem – II (New w.e.f.Oct. 2021) (CBCS PATTERN) Time: 2:00 pm to 5:00 pm
Tuesday 14/02/2023	334	Management Information System (197046801)
Thursday 16/02/2023	335	Information Assurance and Security (197046802)
Monday 20/02/2023	336 337	Elective - IV Big Data Analytics (197046805) Cloud Computing (197046806)
Wednesday 22/02/2023	338 339	Elective – V Natural Language Processing (197046807) Information Retrieval (197046808)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Electrical Engg.) Sem – I (New w.e.f. June 2022) (CBCS 2020 PATTERN) Time: 10:00 pm to 1:00 pm
Wednesday 25/01/2023	340	Power System-III (BTN07501)
Tuesday 31/01/2023	341	Linear Control System (BTN07502)
Thursday 02/02/2023	342	Advanced Microcontroller System (BTN07503)
Tuesday 07/02/2023	343	Electromagnetic Engineering (BTN07504)
Thursday 09/02/2023	344 345 346 347	Open Elective-I a) Information Technology & Management (BTN07512) b) Advanced Electrical Machines (BTN07513) c) Business Ethics (BTN07514) d) Managerial Economics (BTN07515)
Thursday 16/02/2023	397 398	Honors Degree 1. Smart Energy Management System (BTN07516) 2. Electric Motors and Controls for Electric Vehicle (BTN07517)
Monday 20/02/2023	348 349 350 351 352	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 – I (w.e.f. June 2020) (CBCS PATTERN) (Old Up to March 2023) Time: 10.00 am to 1:00 pm
Wednesday 25/01/2023	353	Power System-III (197045501)
Tuesday 31/01/2023	354	Linear Control System (197045502)
Thursday 02/02/2023	355	Microprocessor and Microcontroller (197045503)
Tuesday 07/02/2023	356	Electromagnetic Engineering (197045504)
Thursday 09/02/2023	357 358 359 360	Open Elective-I e) Information Technology & Management (197045506) f) Hybrid Electric Vehicle Design (197045507) g) Business Ethics (197045508) h) Managerial Economics (197045509)
Monday 20/02/2023	361 362 363 364 365	Self Learning 1. Economics (197045510) 6. Intellectual Property Rights for Technology Development and Management (197045511) 7. Introduction to Sociology (197045512) 8. Stress and Coping (197045513) 9. Professional Ethics & Human Value (197045514)

Day & Date	Sr. No.	T.Y. (B.Tech.) (Electrical Engg.) Sem – II (New w.e.f. June 2020) (CBCS PATTERN) Time: 10:00 am to 1:00 pm
Tuesday 14/02/2023	366	Electrical Machine Design (197045601)
Thursday 16/02/2023	367	Electrical Utilisation (197045602)
Monday 20/02/2023	368	Power Electronics (197045603)
Wednesday 22/02/2023	369	Signals & Systems (197045604)
Friday 24/02/2023	370 371 372 373	Open Elective-I a) Operating Systems (197045606) b) Advanced control System (197045607) c) Optical Communication (197045608) d) Sensors & Applications (197045609)
Monday 27/02/2023	374 375 376	Self Learning 1. Special Purpose Machines (197045610) 2. Electrical Safety (197045611) 3. Solar Photovoltaic System Design & Installation (197045612)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Electrical Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN) Time: 02.00 pm to 05.00 pm
Wednesday 25/01/2023	377	Industrial Drives Control (197045701)
Tuesday 31/01/2023	378	Power System and Operation Control (197045702)
Thursday 02/02/2023	379	Renewable Energy Sources (197045703)
Tuesday 07/02/2023	380	Switchgear and Protection (197045704)
Thursday 09/02/2023	381 382 383 384	Elective -I a) Energy Audit and Management (197045707) b) Digital Signal Processing (197045708) c) Programmable Logic Control and SCADA (197045709) d) High Voltage Engineering (197045710)

Day & Date	Sr. No.	Fourth.Y. (B.Tech.) (Electrical Engg.) Sem – II (New w.e.f. Nov. 2021) (CBCS PATTERN) Time: 2:00 pm to 5:00 pm
Tuesday 14/02/2023	385	Power Quality & FACTS (197045801)
Thursday 16/02/2023	386	Extra High Voltage AC Transmission (197045802)
Monday 20/02/2023	387 388 389 390	Elective -II a) Power System Planning (197045804) b) Neural Network & Fuzzy Logic (197045805) c) Advance Electrical Drives (197045806) d) Smart Grid Technology (197045807)
Wednesday 22/02/2023	391 392 393 394	Elective -III a) Advance Control Engineering (197045808) b) Electrical Estimation and Installation (197045809) c) Instrumentation Process Control & Robotics (197045810) d) Power System Dynamics and stability (197045811)

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