EXAM MAR/APRIL. 2022



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

## EXAM OF 2022 SEMESTER PATTERN EXAMINATION

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

#### **EXAMINATIONSIN THE BRANCHES**

[1] CIVIL ENGINEERING
[4] ELECTRONICS & TELE-COMM.

[2] MECHANICAL ENGINEERING

[3] ELECTRONICS ENGINEERING

[4] ELECTRONICS & TELE-COMM. [5] COMPUTER SCI & ENGG
[7] ELECTRICAL ENGINEERING

[6] INFORMATION TECHNOLOGY

### MAR/APRIL- 2022 EXAMINATION TO BE HELD IN JULY- 2022

- 1. 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.
- 2. <u>Important Note:</u> 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.
- 3. All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.

#### The Written Examinations will be held at the following places:

Sr. No.	Centre	College Abbreviation	Place
1	Solapur	WIT	Walchand Institute of Technology
2	Solapui	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	Panunarpur	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 2020) (CBCS PATTERN JUNE-2020) Time: 09.00 am to 10.00 am
Wednesday 03/08/2022	299	Engineering Physics (BTN10101) / Engineering Chemistry (BTN10102)
Thursday 04/08/2022	300	Engineering Mathematics-I (BTN10103)
Friday 05/08/2022	301	Basics of Civil and Mechanical Engineering (BTN10104)
Sunday 07/08/2022	302	Engineering Mechanics (BTN10105)
Monday 08/08/2022	303	Universal Human Values (BTN10106)

Day & Date	Sr. No.	F.Y. (B.Tech.) Sem – II (w.e.f. Nov. 2020) (CBCS-2020 PATTERN) Time: 11.00 am to 12.00 pm
Wednesday 03/08/2022	304	Engineering Graphics & CAD (BTN10206)
Thursday 04/08/2022	305	Basic Electrical & Electronics Engineering (BTN10204)
Friday 05/08/2022	306	Engineering Mathematics – II (BTN10203)
Sunday 07/08/2022	307	Engineering Physics (BTN10201) / Engineering Chemistry – (BTN10202)

F.Y. (B.Tech.) Sem – II (New w.e.f. Nov. 2018)			
Day & Date	Sr. No.	SUBJECT Time: 11.00 am to 12.00 pm	Candidates note that Democracy, Elections and Good Governance
Saturday 06/08/2022	602	Democracy, Elections and Good Governance (DEG21)	Examination will be conducted in their Parent (home) College

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Civil Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN JUNE-2020) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	308	Concrete Technology, Material Testing & Evaluation (BTN01303)
Friday 22/07/2022	309	Surveying & Geomatics (BTN01301)
Saturday 23/07/2022	310	Building Construction & Drawing (BTN01304)
Sunday 24/07/2022	311	Fluid Mechanics and Fluid Machines(BTN01302)
Monday 25/07/2022	312	Structural Mechanics-I (BTN01305)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Civil Engg.) Sem – I (w.e.f. June 2019)(CBCS PATTERN JUNE-2019) (Old Up to March 2022) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	313	Concrete Technology, Material Testing & Evaluation (19704231)
Friday 22/07/2022	314	Surveying & Geomatics (19704232)
Saturday 23/07/2022	315	Building Construction & Drawing (19704233)
Sunday 24/07/2022	316	Introduction to Fluid mechanics (19704234)
Monday 25/07/2022	317	Engineering Geology (19704235)
Tuesday 26/07/2022	318	Introduction to Solid Mechanics (19704236)

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Civil Engg.) Sem – II (New w.e.f. Oct 2021)  (CBCS PATTERN JUNE-2020)  Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	319	Environmental Engineering-I (BTN01401)
Thursday 28/07/2022	320	Building Planning & Design (BTN01402)
Friday 29/07/2022	321	Structural Mechanics-II (BTN01403)
Saturday 30/07/2022	322	Engineering Geology (BTN01405)
Sunday 31/07/2022	323	Engineering Mathematics-III (BTN01404)
Tuesday 02/08/2022	455	Environmental Laws and Impact Assessment (BTN01407) OR
	456	Applications of Information Technology and Information systems (BTN01408)
	457	OR Design Thinking (BTN01409)
	458	OR Disaster Management (BTN01410)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Civil Engg.) Sem – II (w.e.f. Oct 2019) (CBCS PATTERN JUNE-2019)(Old Up to OCT 2022) Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	324	Water Supply Engineering (19704241)
Thursday 28/07/2022	325	Building Planning & Design (19704242)
Friday 29/07/2022	326	Hydraulic Engineering (19704243)
Saturday 30/07/2022	327	Structural Analysis (19704245)
Sunday 31/07/2022	328	Engineering Mathematics-III (19704246)

	Sr.	S.Y. (B.Tech.) (Mechanical Engg.) Sem-I (New w.e.f. June 2021)
Day & Date	No.	(CBCS PATTERN JUNE-2020) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	329	Applied Thermodynamics (BTN02301)
Friday 22/07/2022	330	Mechanics of Materials (BTN02302)
Saturday 23/07/2022	331	Manufacturing Processes (BTN02303)
Sunday 24/07/2022	332	Machine Drawing & CAD (BTN02304)
Monday		Professional Elective-I
25/07/2022	333	a) Microprocess in Automations (BTN02305)
	334	b) Internal Combustion Engines (BTN02306)
	335	c) Composite Material (BTN02307)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Mechanical Engg.) Sem – I (w.e.f. June 2019) (CBCS PATTERN JUNE-2019)(Old Up to March 2022) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	336	Applied Thermodynamics (19704131)
Friday 22/07/2022	337	Mechanics of Materials (19704132)
Saturday 23/07/2022	338	Manufacturing Processes (19704133)
Sunday 24/07/2022	339	Machine Drawing & CAD (19704134)
Monday		Professional Elective-I
25/07/2022	340	d) Microprocess in Automations (19704135)
	341	e) Internal Combustion Engines (19704136)
	342	f) Composite Material (19704137)

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	Sr.	S.Y. (B.Tech.) (Mechanical Engg.) Sem – II (New w.e.f. Nov 2021)
Day & Date	No.	(CBCS PATTERN June 2020)
		Time: 03.00 pm to 04.00 pm
Wednesday	343	Engineering Mathematics –III (BTN02401)
27/07/2022		(2.1.62.1.62)
Thursday	344	Manufacturing Technology (BTN02402)
28/07/2022		
Friday	345	Fluid Mechanics & Fluid Machines (BTN02403)
29/07/2022		
Saturday	346	Kinematics & Theory of Machines (BTN02404)
30/07/2022		
Sunday		Professional Elective-II
31/07/2022	<mark>347</mark>	A. Mechatronic Systems (BTN02408)
	348	B. Power Plant And Energy Engineering (BTN02409)
	349	C. Solid Mechanics (BTN02410)
Tuesday	459	Industrial Robotics (BTN02411)
02/08/2022		OR
	460	Introduction to 3D Printing (BTN02412)
		OR
	461	Renewable Energy Sources (BTN02413)
		OR
	462	Introduction to Automobile Engineering (BTN02414)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Mechanical Engg.) Sem – II (w.e.f. Nov 2019) (CBCS PATTERN JUNE-2019)(Old Up to Oct 2022) Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	350	Engineering Mathematics –III (19704141)
Thursday 28/07/2022	351	Manufacturing Technology (19704142)
Friday 29/07/2022	352	Fluid Mechanics & Fluid Machines (19704143)
Saturday 30/07/2022	353	Kinematics & Theory of Machines (19704144)
Sunday 31/07/2022	354 355	Professional Elective-II  D. Mechatronic Systems (19704147)  E. Power Plant Engineering (19704148)
	356	F. Solid Mechanics (19704149)

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Electronics Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN JUNE-2020) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	357	Electronic Circuit Analysis and Design (BTN04302)
Friday 22/07/2022	358	Network Theory and Analysis (BTN04303)
Saturday 23/07/2022	359	Electrical Machines (BTN04304)
Sunday 24/07/2022	360	Digital Techniques (BTN04305)
Monday 25/07/2022	361	Engineering Mathematics – III (BTN04301)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electronics Engg.) Sem – I (w.e.f. June 2019) (CBCS PATTERN JUNE-2019)(Old Up to March 2022) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	362	Electronic Circuit Analysis and Design (19704732)
Friday 22/07/2022	363	Network Theory and Analysis (19704733)
Saturday 23/07/2022	364	Digital Logic Design (19704734)
Sunday 24/07/2022	365	Analog Communication (19704735)
Monday 25/07/2022	366	Engineering Mathematics – III (19704731)

	Sr.	S.Y. (B.Tech.) (Electronics Engg.) Sem – II (New w.e.f. Oct. 2021)
Day & Date	No.	(CBCS PATTERN JUNE-2020)
Day & Date		Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	367	Signals & Systems (BTN04401)
Thursday 28/07/2022	368	Control Systems (BTN04402)
Friday 29/07/2022	369	Data Structures and Algorithms (BTN04405)
Saturday 30/07/2022	370	Analog Integrated Circuits (BTN04403)
Sunday 31/07/2022	371	Analog Communication (BTN04404)
Tuesday 02/08/2022	463	Computational Statistics (BTN04407) OR
	464	Database Management Systems (BTN04408)
	465	OR Fundamentals of IOT (BTN04409)

	Sr.	S.Y. (B.Tech.) (Electronics Engg.) Sem – II (w.e.f. June 2019)
Day & Date	No.	(CBCS PATTERN JUNE-2019)(Old Up to Oct. 2022) Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	372	Electrical Machines (19704741)
Thursday 28/07/2022	373	Control Systems (19704742)
Friday 29/07/2022	374	Data Structures (19704743)
Saturday 30/07/2022	375	Analog Integrated Circuits (19704744)
Sunday 31/07/2022	376	Signals and Systems (19704745)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Computer Science & Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN JUNE-2020) Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	377	Discrete Mathematical Structures (BTN03302)
Friday 22/07/2022	378	Data structures ( BTN03303)
Saturday 23/07/2022	379	Microprocessors (BTN03305)
Sunday 24/07/2022	380	Computer Graphics (BTN03304)
Monday 25/07/2022	381	Applied Mathematics-I (BTN03301)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Computer Science & Engg.) Sem – I ( w.e.f. June 2019)  (CBCS PATTERN JUNE-2019) (Old Up to March 2022)  Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	382	Discrete Mathematical Structures (19704332)
Friday 22/07/2022	383	Data Communication (19704333)
Saturday 23/07/2022	384	Digital Techniques (19704334)
Sunday 24/07/2022	385	Computer Graphics (19704335)
Monday 25/07/2022	386	Applied Mathematics-I (19704331)

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Computer Science & Engg.) Sem – II (New w.e.f. Oct. 2021)  (CBCS PATTERN JUNE-2020)  Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	387	Theory of Computation (BTN03402)
Thursday 28/07/2022	388	Computer Organization and Architecture (BTN03403)
Friday 29/07/2022	389	Computer Networks (BTN03404)
Saturday 30/07/2022	390	Applied Mathematics-II (BTN03401)
Sunday 31/07/2022	468	Machine Learning (BTN03406) OR
	469	Mathematics for Data Science OR
	470	Cryptography (BTN04410)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Computer Science & Engg.) Sem – II ( w.e.f. June 2019)  (CBCS PATTERN JUNE-2019) (Old Up to OCT. 2022)  Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	391	Theory of Computation (19704342)
Thursday 28/07/2022	392	Microprocessors (19704343)
Friday 29/07/2022	393	Data Structures (19704344)
Saturday 30/07/2022	394	Computer Networks (19704345)
Sunday 31/07/2022	395	Applied Mathematics-II (19704341)

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem – I (New w.e.f. June 2021)  (CBCS PATTERN JUNE-2020)  Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	396	Electronic Circuit Analysis and Design (BTN06302)
Friday 22/07/2022	397	Network Theory and Analysis ( BTN06303)
Saturday 23/07/2022	398	Digital Techniques (BTN06304)
Sunday 24/07/2022	399	Analog Communication (BTN06305)
Monday 25/07/2022	400	Engineering Mathematics – III (BTN06301)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem – I (w.e.f. June 2019)  (CBCS PATTERN JUNE-2019)(Old Up to March 2022)  Time: 01.00 pm to 02.00 pm
Thursday 21/07/2022	401	Electronic Circuit Analysis and Design (19704432)
Friday 22/07/2022	402	Network Theory and Analysis (19704433)
Saturday 23/07/2022	403	Digital Techniques (19704434)
Sunday 24/07/2022	404	Analog Communication (19704435)
Monday 25/07/2022	405	Engineering Mathematics – III (19704431)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem – II (New w.e.f. June 2021)  (CBCS PATTERN JUNE-2020)  Time: 03.00 pm to 04.00 pm
Wednesday 27/07/2022	406	Control System (BTN06401)
Thursday 28/07/2022	407	Analog Integrated Circuits (BTN06402)
Friday 29/07/2022	408	Principles of Digital Communication (BTN06403)
Saturday 30/07/2022	409	Signals and Systems (BTN06404)
Sunday 31/07/2022	410	Data Structures (BTN06405)

Tuesday 02/08/2022	471	Computational Statistics (BTN04407) OR
	472	Database Management Systems (BTN04408)
	473	OR
	4/3	Fundamentals of IOT (BTN04409)
		OR
	474	Cryptography (BTN04410)
		OR
	475	Railway Engineering: A Beginner's Perspective (BTN04411)

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electronics & Telecommunication Engineering & Engg.) Sem – II (w.e.f. June 2019)  (CBCS PATTERN JUNE-2019)(Old Up to Oct 2022)  Time: 03.00 pm to 04.00 pm	
Wednesday 27/07/2022	411	Control System (19704441)	
Thursday 28/07/2022	412	Analog Integrated Circuits (19704442)	
Friday 29/07/2022	413	Principles of Digital Communication (19704443)	
Saturday 30/07/2022	414	Signals and Systems (19704444)	
Sunday 31/07/2022	415	Data Structures (19704445)	

Day & Date	Sr. No.	S.Y. (B.Tech.) (Information Technology) Sem – I (New w.e.f. June 2021)  (CBCS PATTERN JUNE-2020)  Time: 01.00 pm to 02.00 pm	
Thursday 21/07/2022	416	Discrete Mathematical Structure (BTN05302)	
Friday 22/07/2022	417	Data structures (BTN05303)	
Saturday 23/07/2022	418	Microprocessors (BTN05305)	
Sunday 24/07/2022	419	Computer Graphics (BTN05304)	
Monday 25/07/2022	420	Applied Mathematics – I (BTN05301)	

Day & Date	Sr. No.	S.Y. (B.Tech.) (Information Technology) Sem – I (w.e.f. June 2019)  ((CBCS PATTERN JUNE-2019)(Old Up to March 2022)  Time: 01.00 pm to 02.00 pm	
Thursday 21/07/2022	421	Discrete Mathematical Structure (19704632)	
Friday 22/07/2022	422	Data Communication (19704633)	
Saturday 23/07/2022	423	Digital Techniques (19704634)	
Sunday 24/07/2022	424	Computer Graphics (19704635)	
Monday 25/07/2022	425	Applied Mathematics – I (19704631)	

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Information Technology) Sem – II (New w.e.f. Oct. 2021)  (CBCS PATTERN JUNE-2020)  Time: 03.00 pm to 04.00 pm	
Wednesday 27/07/2022	426	Theory of Computation (BTN05402)	
Thursday 28/07/2022	427	Computer Organization and Architecture (BTN05403)	
Friday 29/07/2022	428	Computer Networks (BTN05404)	
Saturday 30/07/2022	429	Applied Mathematics – II (BTN05401)	
Sunday 31/07/2022	476 477	Machine Learning (BTN03406) OR Mathematics for Data Science OR	
	478	Cryptography (BTN04410)	

Day & Date	Sr. No.	S.Y. (B.Tech.) (Information Technology) Sem – II (w.e.f. June 2019)  ((CBCS PATTERN JUNE-2019)(Old Up to OCT 2022)  Time: 03.00 pm to 04.00 pm	
Wednesday 27/07/2022	430	Theory of Computation (19704642)	
Thursday 28/07/2022	431	Microprocessor (19704643)	
Friday 29/07/2022	432	Data Structures (19704644)	
Saturday 30/07/2022	433	Computer Networks (19704645)	
Sunday 31/07/2022	434	Applied Mathematics – II (19704641)	

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electrical Engg.) Sem – I (New w.e.f. June 2021) (CBCS PATTERN JUNE-2020) Time: 01.00 pm to 02.00 pm	
Thursday 21/07/2022	435	Electrical Machines-I (BTN07302)	
Friday 22/07/2022	436	Electrical Measurement and Instrumentation (BTN07303)	
Saturday 23/07/2022	437	Power System I (BTN07304)	
Sunday 24/07/2022	438	Electronic Devices and Circuits (BTN07305)	
Monday 25/07/2022	439	Engineering Mathematics-III (BTN07301)	

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Day & Date	Sr. No.	S.Y. (B.Tech.) (Electrical Engg.) Sem – I (w.e.f. June 2019) (CBCS PATTERN JUNE-2019)(Old Up to March 2022) Time: 01.00 pm to 02.00 pm	
Thursday 21/07/2022	440	Electrical Machines-I (19704532)	
Friday 22/07/2022	441	Electrical Measurement and Instrumentation (19704533)	
Saturday 23/07/2022	442	Power System I (19704534)	
Sunday 24/07/2022	443	Electronic Devices and Circuits (19704535)	
Monday 25/07/2022	444	Engineering Mathematics-III (19704531)	

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electrical Engg.) Sem – II (New w.e.f. OCt 2021)  (CBCS PATTERN JUNE-2020)  Time: 03.00 pm to 04.00 pm	
Wednesday 27/07/2022	445	Electrical Machines-II (BTN07402)	
Thursday 28/07/2022	446	Power System II (BTN07403)	
Friday 29/07/2022	447	Analog & Digital Integrated circuits (BTN07404)	
Saturday 30/07/2022	448	Network Analysis (BTN07405)	
Sunday 31/07/2022	449	Numerical Methods and Linear Algebra (BTN07401)	
Tuesday 02/08/2022	479	Advanced and Sustainable Energy Sources (BTN07407)	
	400	OR	
	480	Electric Vehicle Technology	

Day & Date	Sr. No.	S.Y. (B.Tech.) (Electrical Engg.) Sem – II (w.e.f. June 2019)  (CBCS PATTERN JUNE-2019)(Old Up to OCT 2022)  Time: 03.00 pm to 04.00 pm	
Wednesday 27/07/2022	450	Electrical Machines-II (19704542)	
Thursday 28/07/2022	451	Power System II (19704543)	
Friday 29/07/2022	452	Analog & Digital Integrated circuits (19704544)	
Saturday 30/07/2022	453	Network Analysis (19704545)	
Sunday 31/07/2022	454	Numerical Methods and Linear Algebra (19704541)	

	<u>S.</u>	Y. (B.Tech.) Sem. IV ( <mark>New</mark> w.e.f. I	Nov. 2019)
Day & Date	Sr. No.	SUBJECT Time: 03.00 pm to 04.00 pm	Candidates note that Environmental Studies Examination will be
Saturday 06/08/2022	603	Environmental Studies (19ENS)	conducted in their Parent (home) College

Please visit -http://su.digitaluniversity.ac

Solapur University, Solapur

Ref No.: PAHSUS/EXAM/TIME-TABLE/2022/939

Date: 29/06/2022

Sd/-Director

**Board of Examinations and Evaluation** 

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