



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

DRAFT PROGRAM OF B.Sc. (ECS) SEMESTER – I TO VI OCT/NOV.-2025 EXAMINATION TO BE HELD IN SEPT. 2025

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each Answer Book. If candidate writes wrong Seat No. on Answer Book the performance of such subject will not be considered.
2. 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 of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
3. (**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)
4. All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.
5. 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 Centers & Places of the Examinations will be as under.

1	SOLAPUR	DAV	DAV Velankar College, Solapur
2		VGS	V.G. Shivdare College
3	PANDHARPUR	KBP	KarmveerBhauraoPatilMahavidhyalaya
4	Sangola	SANG	SangolaCollege
5		GDMAS	Dr. Ganpatrao Deshmukh Mahavidyalaya
6		DASPM	Dipak Aba SalunkhePatilMahavidyalaya, Kole
7	AKLUJ	GCCTA	GreenFingersCollegeofComputer& Technology
8	NATEPUTE	SMSMPM	S.M.ShankarraoMohitePatilCollege
9	MALSHIRAS	SGAC	SameerGandhiKalaMahavidyalaya
10	AKLUJ	SIITP	ShriramInstituteofInformationTechnology,Paniv

Note: According to the students strength Examination centers may be changed before Examinations.

- वरील तक्त्यात दर्शविलेल्या परीक्षाकेंद्रा व्यतिरिक्त प्रथम वर्ष अभ्यासक्रमासाठी संबंधित महाविद्यालयास परीक्षाकेंद्र देण्यात आलेले आहे. त्यानुसार पुढील योग्यती कार्यवाही करण्यात यावी.

B.Sc. (E.C.S.)Sem-II (NEWw.e.f. June 2022) (CBCSPattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject Time: 12:00 p.m. to 2:00 p.m
Wednesday 01/10/2025	I	1	English(Comp.)(ECS1201) Communication Skill
Friday 03/10/2025	II	2	IntroductiontoWebTechnology(ECS1202)
Saturday 04/10/2025	III	3	OperatingSystem(ECS1203)
Monday 06/10/2025	IV	4	ObjectOrientedProgrammingusingC++(ECS1204)
Tuesday 07/10/2025	V	5	Python-II(ECS1205)
Wednesday 08/10/2025	VI	6	LinearAlgebra(ECS1206)
Thursday 09/10/2025	VII	7	DiscreteMathematics(ECS1207)
Friday 10/10/2025	VIII	8	DigitalElectronicsandMicroprocessor (ECS1208)
Saturday 11/10/2025	IX	9	IntroductiontoMicrocontrollerandEmbeddedSystem(EC S1209)

B.Sc.(E.C.S.) Sem-III (Neww.e.f.June2023) (CBCSPattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject Time: 03:00p.m.to 05:00p.m.
Tuesday 23/09/2025	I	10	DataStructureusingC++-I(ECS1301)
Wednesday 24/09/2025	II	11	Linux OS and Shell Scripting (ECS1302)
Thursday 25/09/2025	III	12	SoftwareEngineering(ECS1303)
Friday 26/09/2025	IV	13	Database Management System-I (ECS1304)
Saturday 27/09/2025	V	14	Probability Theory (ECS1305)
Monday 29/09/2025	VI	15	Data Science with Python (ECS1306)
Tuesday 30/09/2025	VII	16	Web Development using PHP (SEC-1) (Time: 03:00p.m.to 06:00p.m.)

B.Sc. (E.C.S.) Sem – III (w.e.f. June 2020-21) (CBCSPattern-2019)			
Day & Date	Paper No.	Sr. No.	Subject Time: 03:00p.m.to 05:00p.m.
Tuesday 23/09/2025	I	17	Probability Theory-I (ECS0305)
Wednesday 24/09/2025		18	Introduction to Python Programming (ECS0307)

B.Sc.(E.C.S.)Sem-IV(New w.e.f. Nov 2023) (CBCS Pattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject Time: 12:00 p.m. to 2:00 p.m.
Wednesday 08/10/2025	DSC 1D	19	Data Structure using C++ -II (ECS1401)
Thursday 09/10/2025	DSC 1D	20	Core Java (ECS1402)
Friday 10/10/2025	DSC 2D	21	Software Testing (ECS1403)
Saturday 11/10/2025	DSC 2D	22	Database Management System-II (ECS1404)
Monday 13/10/2025	DSC 3D	23	Descriptive Statistics (ECS1405)
Tuesday 14/10/2025	DSC 3D	24	Data Visualization (ECS1406)

B.Sc.(E.C.S.)Sem-IV(w.e.f.Nov 2020) (CBCS Pattern-2019)			
Day&Date	Paper No.	Sr. No.	Subject Time: 12:00 p.m. to 2:00 p.m.
Wednesday 08/10/2025	DSC 2D	25	Operating System (ECS0403)
Thursday 09/10/2025	DSC 3D (GE-4)	26	Optimization techniques (ECS0406)

<u>B.Sc.(E.C.S.) Sem-V(New w.e.f.June 2024)</u> (CBCS Pattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject Time:9:00 a.m.to 12:00p.m.
Tuesday 23/09/2025	I	27	English (Comp.) (ECS1501) (Business English)
Wednesday 24/09/2025	II	28	Data Communication and Networking (ECS1502)
Thursday 25/09/2025	III	29	Advanced Java (ECS1503)
Friday 26/09/2025	IV	30	Dot NET Core (ECS1504)
Saturday 27/09/2025	V	31 32 33	A) Advanced Python Programming (ECS1505-A) OR B) Theory of Computation (ECS1505-B) OR C) Mobile Application and Development (ECS1505-C)

<u>B.Sc. (E.C.S.)-V(New w.e.f.June 2024) (Cont...)</u> <u>(CBCS Pattern-2022)</u>		
Skill Based Course Added on Courses		
Day&Date	Sr. No.	Subject Time: 9:00 a.m.to 12:00p.m.
		Special Paper-XI
Monday 29/09/2025	34	Artificial Intelligence (ECS1506)

<u>B.Sc. (E.C.S.) Sem – V (New w.e.f. June 2018)</u> <u>(CBCS Pattern-2016)</u>			
Day & Date	Paper No.	Sr. No.	Subject Time:9:00 a.m.to 12:00p.m..
	V	35	Web technology and E-commerce –I (2013505)

B.Sc.(E.C.S.)-V (New w.e.f.June 2021) (Cont...) (CBCS Pattern-2019)		
Skill Based Course Added on Courses		
Day&Date	Sr. No.	Subject Time:9:00 a.m.to 12:00p.m.
		Special Paper-XI
Monday 29/09/2025	36	Advanced Python Programming (ECS0506)

B.Sc.(E.C.S.) Sem-VI (New w.e.f.Nov.2024) (CBCS Pattern-2022)			
Day & Date	Paper No.	Sr. No.	Subject Time:09:00 a.m.to 12:00 p.m.
Tuesday 30/09/2025	I	37	English(Comp.) (ECS1601) Business English
Wednesday 01/10/2025	II	38	Network Security(ECS1602)
Friday 03/10/2025	III	39	Data Warehousing and Data Mining(ECS1603)
Saturday 04/10/2025	IV	40	ASP.Net Core MVC(ECS1604)
Monday 06/10/2025	V	41 42 43	React JS(ECS1605-A) OR Compiler Construction (ECS1605-B) OR Internet of things (ECS1605-C)

B.Sc.(E.C.S.)Sem-VI (New w.e.f.Nov.2024)(Cont...) (CBCSPattern-2022)		
Skill Based Course Added on Courses		
Day & Date	Sr. No.	Subject Time:09:00 a.m.to 12:00 p.m.
		Special Paper-XI
Tuesday 07/10/2025	44	Mobile Application Development (ECS0606)

B.Sc.(E.C.S.)Sem–VI (Neww.e.f.Nov.2021) (CBCS Pattern-2019) (Old up to OCT-2025)			
Day & Date	Paper No.	Sr. No.	Subject Time:09:00 a.m.to 12:00 p.m.
Tuesday 30/09/2025	I	45	English (Comp.) (ECS0601) (Business English)
Wednesday 01/10/2025	II	46	System Security (ECS0602)
Friday 03/10/2025	III	47	Compiler Construction (ECS0603)
Saturday 04/10/2025	IV	48	Internet Programming using ASP.Net (ECS0604)
Monday 06/10/2025	V	49	Angular JS(ECS0605)

B.Sc.(E.C.S.)Sem–VI (New w.e.f.Oct. 2021)(Cont...) (CBCS Pattern-2019) (Old up to OCT-2025)		
Skill Based Course Added on Courses		
Day&Date	Sr. No.	Subject Time:09:00 a.m.to 12:00 p.m.
		Special Paper-XI
Tuesday 07/10/2025	50	Mobile Application Development (ECS0606)

Note:

1. The Practical Examination will be CONDUCTED BEFORE/AFTER THE THEORY EXAMINATION AND THE PROGRAM WILL BE COMMUNICATED SEPARATELY.
2. The students are allowed to use the calculators for Numerical calculations at their own cost. University will not supply such calculators.
3. Cellular phone, Pager, Programmable Scientific Calculator and Digital Diary or any Means which can be used for unfair practice are not allowed in the Examination hall.
4. The Examination Programme is subject to change. If there is any change the University is not responsible for the loss or inconvenience caused to the candidates.
5. **(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).
6. The Theory Exam of 20 Marks Paper are conducted at College level.
7. Democracy, Election and Good Governance and Environmental Studies Exam conducted at college level.
(As per University Circular No. 65 dt. 26 Oct. 2023)

Please Visit- sus.ac.in

Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/1391

Date: 22/07/2025

Sd/-

Director

Board of Examinations and Evaluation

Pattern 2019 Paper Code	B.Sc (ECS) -I Semester - I Subject	Pattern 2022 Paper Code	B.Sc (ECS) -I Semester - I Subject
ECS0101	English (Comp.)	ECS1101	English (Comp.)
ECS0102	Fundamentals of Programming using C and C++ – I	ECS1104	Programming using 'C
ECS0103	Fundamentals of Programming using C and C++ – II	ECS1204	Object Oriented Programming using C++ (Sem-II)
ECS0104	Computer System Architecture – I		No Equivalence
ECS0105	Computer System Architecture – II		No Equivalence
ECS0106	Fundamental of Computer system – I	ECS1102	Fundamental of Computer
ECS0107	Fundamental of Computer system – II	ECS1103	Basics of Operating System
ECS0108	Numerical Methods – I	ECS1206	Linear Algebra (Sem-II)
ECS0109	Numerical Methods – II	ECS1106	Numerical Methods
Pattern 2019 Paper Code	B.Sc (ECS) -I Semester - II Subject	Pattern 2022 Paper Code	B.Sc (ECS) -I Semester - II Subject
ECS0201	English (Comp.)	ECS1201	English (Comp.)
ECS0202	Programming in JAVA – I	ECS1105	Python - I (Sem-I)
ECS0203	Programming in JAVA – II	ECS1205	Python - II
ECS0204	Discrete Structures – I	ECS1107	Graph Theory (Sem-I)
ECS0205	Discrete Structures – II	ECS1207	Discrete Mathematics
ECS0206	Introduction to Web Designing – I	ECS1202	Introduction to Web Technology
ECS0207	Introduction to Web Designing – II		No Equivalence
ECS0208	Digital Electronics – II	ECS1208	Digital Electronics and Microprocessor
ECS0209	Digital Electronics – II		No Equivalence
Pattern 2019 Paper Code	B.Sc (ECS) - II Semester - III Subject	Pattern 2022 Paper Code	B.Sc (ECS) - II Semester - III Subject
ECS0301	Data Structure using C++ -I	ECS1301	Data Structure using C++-I
ECS0302	Data Structure using C++ -II	ECS1401	Data Structure using C++ -II (Sem-IV)
ECS0303	Software Engineering	ECS1303	Software Engineering
ECS0304	Software Testing	ECS1403	Software Testing (Sem-IV)
ECS0305	Probability Theory –I		No Equivalence
ECS0306	Probability Theory-II	ECS1305	Probability Theory
ECS0307	Introduction to Python programming		No Equivalence

Pattern 2019 Paper Code	B.Sc (ECS) - II Semester - IV Subject	Pattern 2022 Paper Code	B.Sc (ECS) - II Semester - IV Subject
ECS0401	Database Management System	ECS1304	Database Management System (Sem-III)
ECS0402	MySQL	ECS1404	Database Management System-II
ECS0403	Operating System		No Equivalence
ECS0404	Linux OS and Shell Scripting	ECS1302	Linux OS and Shell Scripting (Sem-III)
ECS0405	Statistics for Data Science	ECS1405	Descriptive Statistics
ECS0406	Optimization Techniques		No Equivalence
ECS0407	Web Development Using PHP	SEC-1	Web Development using PHP
Pattern 2019 Paper Code	B.Sc (ECS) - III Semester - V Subject	Pattern 2022 Paper Code	B.Sc (ECS) - III Semester - V Subject
ECS0501	English (BusinessEnglish)-I	ECS1501	English (Business English)-I
ECS0502	Data Communicationand Networking	ECS1502	Data Communicationand Networking
ECS0503	Theory of Computer Science	ECS1505-B	Theory of Computer Science
ECS0504	Visual Programming	ECS1504	Dot NET Core
ECS0505	Advanced Java	ECS1503	Advanced Java
ECS0506	Advanced Python Programming	ECS1505-A	Advanced Python Programming