



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

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

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 Centers & Places of the Examinations will be as under.

1	SOLAPUR	DAV	DAV Velankar College, Solapur
2		VGS	V.G. Shividare College
3	PANDHARPUR	KBP	Karmveer Bhaurao Patil Mahavidhyalaya
4	Sangola	SANG	Sangola College
5		GDMAS	Dr. Ganpatrao Deshmukh Mahavidyalaya
6		DASPM	Dipak Aba Salunkhe Patil Mahavidyalaya, Kole
7	AKLUJ	GCCTA	Green Fingers College of Computer & Technology
8	NATEPUTE	SMSMPM	S. M. Shankarrao Mohite Patil College
9	MALSHIRAS	SGAC	Sameer Gandhi Kala Mahavidyalaya
		SMK	Shivshambho Mahavidyalaya, Kanher
		SIITJ	Shivshambho Institute of Information and Technology, Jalbhavi
10	AKLUJ	SIITP	Shriram Institute of Information Technology, Paniv
11	Mangalwedha	SDM	Shri Sant Damaji Mahavidyalaya, Mangalwedha
12	Junoni	MMJ	Mandesh Mahavidyalaya, Junoni

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 (NEW w.e.f. June 2022) (CBCSPattern-2022) (Old up to OCT-2025)			
Day&Date	Paper No.	Sr. No.	Subject Time: 12:00 p.m. to 2:00 p.m
Thursday 13/11/2025	I	1	English (Comp.) (ECS1201) Communication Skill
Friday 14/11/2025	II	2	Introduction to Web Technology(ECS1202)
Saturday 15/11/2025	III	3	Operating System(ECS1203)
Monday 17/11/2025	IV	4	Object Oriented Programming using C++(ECS1204)
Tuesday 18/11/2025	V	5	Python-II(ECS1205)
Wednesday 19/11/2025	VI	6	Linear Algebra(ECS1206)
Thursday 20/11/2025	VII	7	Discrete Mathematics(ECS1207)
Friday 21/11/2025	VIII	8	Digital Electronics and Microprocessor (ECS1208)
Saturday 22/11/2025	IX	9	Introduction to Microcontroller and Embedded System(ECS1209)

<u>B.Sc.(E.C.S.) Sem-III (Neww.e.f.June 2023)</u> (CBCS Pattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject Time: 03:00p.m.to 05:00p.m.
Tuesday 04/11/2025	I	10	Data Structure using C++-I(ECS1301)
Thursday 06/11/2025	II	11	Linux OS and Shell Scripting (ECS1302)
Friday 07/11/2025	III	12	Software Engineering(ECS1303)
Saturday 08/11/2025	IV	13	Database Management System-I (ECS1304)
Monday 10/11/2025	V	14	Probability Theory (ECS1305)
Tuesday 11/11/2025	VI	15	Data Science with Python (ECS1306)
Wednesday 12/11/2025	VII	16	Web Development using PHP (SEC-1) (Time: 03:00p.m.to 06:00p.m.)

<u>B.Sc. (E.C.S.) Sem – III (w.e.f. June 2020-21)</u> (CBCSPattern-2019)			
Day & Date	Paper No.	Sr. No.	Subject Time: 03:00p.m.to 05:00p.m.
Tuesday 04/11/2025	I	17	Probability Theory-I (ECS0305)
Thursday 06/11/2025		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.
Tuesday 04/11/2025	DSC 1D	19	Data Structure using C++ -II (ECS1401)
Thursday 06/11/2025	DSC 1D	20	Core Java (ECS1402)
Friday 07/11/2025	DSC 2D	21	Software Testing (ECS1403)
Saturday 08/11/2025	DSC 2D	22	Database Management System-II (ECS1404)
Monday 10/11/2025	DSC 3D	23	Descriptive Statistics (ECS1405)
Tuesday 11/11/2025	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.
Tuesday 04/11/2025	DSC 2D	25	Operating System (ECS0403)
Thursday 06/11/2025	DSC 3D (GE-4)	26	Optimization techniques (ECS0406)

B.Sc.(E.C.S.) Sem–V(New w.e.f.June 2024) (CBCS Pattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject Time: 9:00 a.m.to 12:00p.m.
Tuesday 28/10/2025	I	27	English (Comp.) (ECS1501) (Business English)
Wednesday 29/10/2025	II	28	Data Communication and Networking (ECS1502)
Thursday 30/10/2025	III	29	Advanced Java (ECS1503)
Friday 31/10/2025	IV	30	Dot NET Core (ECS1504)
Saturday 01/11/2025	V	31 OR 32 OR 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 03/11/2025	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..
Tuesday 28/10/2025	V	35	Web technology and E-commerce –I (2013505)

<u>B.Sc.(E.C.S.)-V (New w.e.f.June 2021) (Cont...)</u> <u>(CBCS Pattern-2019)</u>		
Skill Based Course Added on Courses		
Day&Date	Sr. No.	Subject Time:9:00 a.m.to 12:00p.m.
		Special Paper-XI
Tuesday 01/11/2025	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:03:00 p.m.to 06:00 p.m.
Tuesday 28/10/2025	I	37	English(Comp.) (ECS1601) <u>Business English</u>
Wednesday 29/10/2025	II	38	Network Security(ECS1602)
Thursday 30/10/2025	III	39	Data Warehousing and Data Mining(ECS1603)
Friday 31/10/2025	IV	40	<u>ASP.Net Core MVC(ECS1604)</u>
Saturday 01/11/2025	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...) (CBCS Pattern-2022)		
Skill Based Course Added on Courses		
Day & Date	Sr. No.	Subject Time:03:00 p.m.to 06:00 p.m.
		Special Paper-XI
Monday 03/11/2025	44	Mobile Application Development (ECS0606)

<u>B.Sc.(E.C.S.)Sem–VI (Neww.e.f.Nov.2021)</u> (CBCS Pattern-2019) (Old up to OCT-2025)			
Day & Date	Paper No.	Sr. No.	Subject <u>Time:03:00 p.m.to 06:00 p.m.</u>
Tuesday 28/10/2025	I	45	English (Comp.) (ECS0601) (Business English
Wednesday 29/10/2025	II	46	System Security (ECS0602)
Thursday 30/10/2025	III	47	Compiler Construction (ECS0603)
Friday 31/10/2025	IV	48	Internet Programming using ASP.Net (ECS0604)
Saturday 01/11/2025	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 <u>Time:03:00 p.m.to 06:00 p.m.</u>
		Special Paper-XI
Monday 03/11/2025	50	Mobile Application Development (ECS0606)

<u>B.Sc.(E.C.S.) Sem–I (w.e.f. June 2022)</u> (CBCS Pattern-2022)			
Day&Date	Paper No.	Sr. No.	Subject <u>Time: 12:00p.m.To02:00p.m.</u>
Monday 24/11/2025	I	51	Graph Theory (ECS1107)
Tuesday 25/11/2025	IX	52	Advanced Electronics Paper–II(ECS1109)
Wednesday 26/11/2025	IV	53	Programming using 'C(ECS1104)

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/2025/2060

Date: 30/10/2025

**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

CBCS 2022 Pattern Code	ECS	CBCS 2024 Pattern Code	ECS
ECS1103	Basics of Operating System	(G06-GE-OE-0301)	Operating Systems
ECS1101	English Paper-I Part-A (Communication Skill)	(ENG-101)	English for communication
ECS1105	Python-I	(G06-0102)	Python Programming-I
ECS1106	Numerical Methods	(G06-0104)	Numerical Methods