PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

NAAC Accredited-2022
'B^{++}' Grade (CGPA 2.96)

FINAL PROGRAM OF B.Sc. (ECS) SEMESTER – I TO VI OCT/NOV.-2026
EXAMINATION TO BE HELD IN OCT. 2026

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.
५. 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 सर्वसाधरण विद्यार्थ्यापेक्षा 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 द्यावेत.

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	Karmveer Bhaurao Patil Mahavidhyalaya
4	Sangola	SANG	Sangola College, Sangola
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
10		SMK	Shivshambho Mahavidyalaya, Kanher
11		SIITJ	Shivshambho Institute of Information and Technology, Jalbhavi
12	AKLUJ	SIITP	Shriram Institute of Information Technology, Paniv
13	Mangalwedha	SDM	Shri Sant Damaji Mahavidyalaya, Mangalwedha
14	Junoni	MMJ	Mandesh Mahavidyalaya, Junoni

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

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

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.
Monday 14/12/2026	DSC 1D	61	Data Structure using C++ -II (ECS1401)
Tuesday 15/12/2026	DSC 1D	62	Core Java (ECS1402)
Wednesday 16/12/2026	DSC 2D	63	Software Testing (ECS1403)
Thursday 17/12/2026	DSC 2D	64	Database Management System-II (ECS1404)
Friday 18/12/2026	DSC 3D	65	Descriptive Statistics (ECS1405)
Saturday 19/12/2026	DSC 3D	66	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.
Friday 11/12/2026	DSC 2D	67	Operating System (ECS0403)
Saturday 12/12/2026	DSC 3D (GE-4)	68	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: 11:00 a.m. to 02:00 p.m.**
Tuesday 22/12/2026	**I**	69	English (Comp.) (ECS1501) (Business English) **Time: 11:00 a.m. to 01:00 p.m.**
Wednesday 23/12/2026	**II**	70	Data Communication and Networking (ECS1502)
Thursday 24/12/2026	**III**	71	Advanced Java (ECS1503)
Monday 28/12/2026	**IV**	72	Dot NET Core (ECS1504)
Tuesday 29/12/2026	**V**	73 74	A) Advanced Python Programming (ECS1505-A) OR B) Mobile Application and Development (ECS1505-C)
Wednesday 30/12/2026	**V**	75	Theory of Computation (ECS1505-B)

B.Sc. (E.C.S.)-V (New w.e.f.June 2024) (Cont…) (CBCS Pattern-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
Thursday 31/12/2026	76	Artificial Intelligence (ECS1506)

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**
Wednesday 25/11/2026	I	77	English (Comp.) (ECS1601) Business English **Time: 03:00 p.m.to 05:00 p.m**
Friday 27/11/2026	II	78	Network Security (ECS1602)
Saturday 28/11/2026	III	79	Data Warehousing and Data Mining (ECS1603)
Monday 30/11/2026	IV	80	ASP.Net Core MVC (ECS1604)
Tuesday 01/12/2026	V	81 **OR** 82 **OR** 83	React JS(ECS1605-A) Compiler Construction (ECS1605-B) Internet of things (ECS1605-C)

B.Sc.(E.C.S.)Sem–VI (Neww.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
Wednesday 02/12/2026	84	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. **TheTheoryExamof20MarksPaperareconductedatCollegelevel.**
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

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
ECS1101	English Paper-I Part-A (Communication Skill)	ENG-101	English for Communication-Paper-I
ECS1102	Fundamental of Computer		No Equivalence
ECS1103	Basics of Operating System		No Equivalence
ECS1104	Programming using 'C		No Equivalence
ECS1105	Python-I	G06-0102	Python Programming-I
ECS1106	Numerical Methods	G06-0104	Numerical Methods
ECS1107	Graph Theory		No Equivalence
ECS1108	Basic Electronics Paper–I		No Equivalence
ECS1109	Advanced Electronics Paper–II		No Equivalence

Pattern 2019 Paper Code	B.Sc (ECS) -I Semester - II Subject	Pattern 2022 Paper Code	B.Sc (ECS) -I Semester - II Subject
ECS1201	English (Comp.)	ENG-201	English (Comp.)
ECS1202	Introduction to Web Technology		No Equivalence
ECS1203	Operating System		No Equivalence
ECS1204	Object Oriented Programming using C++	G06-0201	Object Oriented Programming using C++
ECS1205	Python - II	G06-0202	Python Programming-II
ECS1206	Linear Algebra		No Equivalence
ECS1207	Discrete Mathematics	G06-0204	Discrete Mathematics
ECS1208	Digital Electronics and Microprocessor	G06-0103	Digital Electronics and Microprocessor **(Sem-I)**
ECS1209	Introduction to Microcontroller and Embedded System	G06-0203	Introduction to Microcontroller and Embedded System

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

Pattern 2019 Paper Code	B.Sc (ECS) - III Semester - VI Subject	Pattern 2022 Paper Code	B.Sc (ECS) - III Semester - VI Subject
ECS0601	English (BusinessEnglish)-II	ECS1601	English (Business English)-II
ECS0602	System Security	ECS1602	Network Security
ECS0603	Compiler Construction	ECS1605-B	Compiler Construction
ECS0604	Internet Programming Using ASP.Net	ECS1604	ASP.Net Core MVC
ECS0605	Angular JS	ECS1605-A	React JS
ECS0606	Mobile Application Development	ECS1505-C	Mobile Application Development **(Sem-V)**