



# PUNYASHLOKA HILYADEVI HOLKARSOLAPUR UNIVERSITY, SOLAPUR

**FINAL PROGRAM OF B.Sc.(E.C.S.) SEMESTER-ITO VI MAR/APR.-2025**

**EXAMINATION TO BE HELD IN APR. 2025**

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicate 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. If the 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 Examination **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are for bidden to take any book or paper in to 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 examination 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 तरतुदी नुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधारण विद्यार्थ्यांपेक्षा १ तासाला कमीतकमी 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	Karmveer Bhaurao Patil Mahavidyalaya
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
10	AKLUJ	SIITP	Shriram Institute of Information Technology, 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>B.Sc.(E.C.S.) Sem-I (w.e.f.June2022)</b> <b>(CBCSPattern-2022) (Old up to MAR-2025)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 12:00p.m.To02:00p.m.</b>
<b>Thursday 08/05/2025</b>	<b>I</b>	<b>1</b>	<b>English(Comp.)(ECS1101)</b> Communication Skill
<b>Friday 09/05/2025</b>	<b>II</b>	<b>2</b>	Fundamental of Computer(ECS1102)
<b>Saturday 10/05/2025</b>	<b>III</b>	<b>3</b>	Basics of Operating System(ECS1103)
<b>Tuesday 13/05/2025</b>	<b>IV</b>	<b>4</b>	Programming using 'C(ECS1104)
<b>Wednesday 14/05/2025</b>	<b>V</b>	<b>5</b>	Python-I(ECS1105)
<b>Thursday 15/05/2025</b>	<b>VI</b>	<b>6</b>	Numerical Methods(ECS1106)
<b>Friday 16/05/2025</b>	<b>VII</b>	<b>7</b>	Graph Theory(ECS1107)
<b>Saturday 17/05/2025</b>	<b>VIII</b>	<b>8</b>	Basic Electronics Paper-I(ECS1108)
<b>Monday 19/05/2025</b>	<b>IX</b>	<b>9</b>	Advanced Electronics Paper-II(ECS1109)

<b>B.Sc. (E.C.S.)Sem-II(NEWw.e.f. June2022)</b> <b>(CBCSPattern-2022)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 12:00 p.m. to 2:00 p.m</b>
Thursday 22/05/2025	I	10	English(Comp.)(ECS1201) Communication Skill
Friday 23/05/2025	II	11	IntroductiontoWebTechnology(ECS1202)
Saturday 24/05/2025	III	12	OperatingSystem(ECS1203)
Monday 26/05/2025	IV	13	ObjectOrientedProgrammingusingC++(ECS1204)
Tuesday 27/05/2025	V	14	Python-II(ECS1205)
Wednesday 28/05/2025	VI	15	LinearAlgebra(ECS1206)
Thursday 29/05/2025	VII	16	DiscreteMathematics(ECS1207)
Friday 30/05/2025	VIII	17	DigitalElectronicsandMicroprocessor (ECS1208)
Monday 02/06/2025	IX	18	IntroductiontoMicrocontrollerandEmbeddedSystem(EC S1209)

<b><u>B.Sc.(E.C.S.) Sem-III (Neww.e.f.June2023)</u></b> <b>(CBCSPattern-2022)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 09:00a.m.to11:00a.m.</b>
<b>Thursday</b> <b>05/06/2025</b>	<b>I</b>	<b>19</b>	DataStructureusingC++-I(ECS1301)
<b>Friday</b> <b>06/06/2025</b>	<b>II</b>	<b>20</b>	Linux OS and Shell Scripting (ECS1302 )
<b>Monday</b> <b>09/06/2025</b>	<b>III</b>	<b>21</b>	SoftwareEngineering(ECS1303)
<b>Tuesday</b> <b>10/06/2025</b>	<b>IV</b>	<b>22</b>	Database Management System-I (ECS1304)
<b>Wednesday</b> <b>11/06/2025</b>	<b>V</b>	<b>23</b>	Probability Theory (ECS1305)
<b>Thursday</b> <b>12/06/2025</b>	<b>VI</b>	<b>24</b>	Data Science with Python (ECS1306)
<b>Friday</b> <b>13/06/2025</b>	<b>VII</b>	<b>25</b>	Web Development using PHP (SEC-1) <b>(Time: 09:00a.m.to12:00p.m.)</b>

<b><u>B.Sc. (E.C.S.) Sem – III (w.e.f. June 2020-21)</u></b> <b>( CBCSPattern-2019)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 9:00 a.m.To 11:00 a.m.</b>
<b>Thursday</b> <b>05/06/2025</b>	<b>I</b>	<b>26</b>	Probability Theory-I (ECS0305)
<b>Friday</b> <b>06/06/2025</b>		<b>27</b>	Introduction to Python Programming (ECS0307)

<b>B.Sc.(E.C.S.)Sem-IV(New w.e.f. Nov 2023)</b> <b>(CBCS Pattern-2022)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 12:00 p.m. to 2:00 p.m.</b>
<b>Wednesday</b> <b>30/04/2025</b>	DSC 1D	28	Data Structure using C++ -II (ECS1401)
<b>Friday</b> <b>02/05/2025</b>	DSC 1D	29	Core Java (ECS1402)
<b>Saturday</b> <b>03/05/2025</b>	DSC 2D	30	Software Testing (ECS1403)
<b>Monday</b> <b>05/05/2025</b>	DSC 2D	31	Database Management System-II (ECS1404)
<b>Tuesday</b> <b>06/05/2025</b>	DSC 3D	32	Descriptive Statistics (ECS1405)
<b>Wednesday</b> <b>07/05/2025</b>	DSC 3D	33	Data Visualization (ECS1406)

<b>B.Sc.(E.C.S.)Sem-IV(w.e.f.Nov 2020)</b> <b>(CBCSPattern-2019)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 12:00 p.m. to 2:00 p.m.</b>
<b>Wednesday</b> <b>30/04/2025</b>	DSC 2D	<b>63</b>	<b>Operating System (ECS0403)</b>
<b>Friday</b> <b>02/05/2025</b>	DSC 3D (GE-4)	<b>64</b>	<b>Optimization techniques (ECS0406)</b>

<b><u>B.Sc.(E.C.S.)Sem-V(Neww.e.f.June2024)</u></b> <b><u>(CBCSPattern-2022)</u></b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:9:00 a.m.to 12:00p.m.</b>
<b>Wednesday 30/04/2025</b>	<b>I</b>	34	English (Comp.) (ECS1501) (BusinessEnglish)
<b>Friday 02/05/2025</b>	<b>II</b>	35	DataCommunicationandNetworking(ECS1502)
<b>Saturday 03/05/2025</b>	<b>III</b>	36	Advanced Java (ECS1503)
<b>Monday 05/05/2025</b>	<b>IV</b>	37	Dot NET Core (ECS1504)
<b>Tuesday 06/05/2025</b>	<b>V</b>	38 39 40	A) Advanced Python Programming (ECS1505-A) OR B) Theory of Computation (ECS1505-B) OR C) Mobile Application and Development (ECS1505-C)

<b><u>B.Sc.(E.C.S.)-V(Neww.e.f.June2024)(Cont...)</u></b> <b><u>(CBCSPattern-2022)</u></b>		
SkillBasedCourseAddedonCourses		
<b>Day&amp;Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:9:00 a.m.to 12:00p.m.</b>
		<b>SpecialPaper-XI</b>
<b>Wednesday 07/05/2025</b>	41	Artificial Intelligence (ECS1506)

<b><u>B.Sc. (E.C.S.) Sem – V (New w.e.f. June 2018)</u></b> <b><u>(CBCS Pattern-2016)</u></b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:9:00 a.m.to 12:00p.m..</b>
	<b>V</b>	42	Web technology and E-commerce –I (2013505)

B.Sc.(E.C.S.)Sem–V(w.e.f.June2021) (CBCSPattern-2019) (Old up to MAR.- 2025)			
Day&Date	Paper No.	Sr. No.	Subject Time:9:00 a.m.to 12:00p.m.
Wednesday 30/04/2025	I	43	English (Comp.)(ECS0501) (BusinessEnglish) Time:9:00 a.m.to 11:00 a.m.
Friday 02/05/2025	II	44	DataCommunicationandNetworking(ECS0502)
Saturday 03/05/2025	III	45	TheoryofComputerScience(ECS0503)
Monday 05/05/2025	IV	46	VisualProgramming(ECS0504)
Tuesday 06/05/2025	V	47	AdvancedJava(ECS0505)

B.Sc.(E.C.S.)-V(Neww.e.f.June2021)(Cont...) (CBCSPattern-2019)		
Skill Based Course Added on Courses		
Day&Date	Sr. No.	Subject Time:3:00p.m.to6:00p.m.
		Special Paper-XI
Wednesday 07/05/2025	48	Advanced Python Programming(ECS0506)

B.Sc.(E.C.S.)Sem–VI (Neww.e.f.Nov.2024) (CBCSPattern-2022)			
Day & Date	Paper No.	Sr. No.	Subject Time:03:00 p.m.to 06:00 p.m.
Wednesday 30/04/2025	I	49	English(Comp.) (ECS1601) Business English
Friday 02/05/2025	II	50	Network Security(ECS1602)
Saturday 03/05/2025	III	51	Data Warehousing and Data Mining(ECS1603)
Monday 05/05/2025	IV	52	ASP.Net Core MVC(ECS1604)
Tuesday 06/05/2025	V	53	React JS(ECS1605-A)
		54	OR Compiler Construction (ECS1605-B)
		55	OR Internet of things (ECS1605-C)

B.Sc.(E.C.S.)Sem–VI (Neww.e.f.Nov.2024)(Cont...) (CBCSPattern-2022)		
SkillBasedCourseAddedonCourses		
Day & Date	Sr. No.	Subject Time:3:00 p.m.to 6:00 p.m
		Special Paper-XI
Wednesday 07/05/2025	56	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:3:00 p.m.to 6:00 p.m.
Wednesday 30/04/2025	I	57	English (Comp.) (ECS0601) (BusinessEnglish
Friday 02/05/2025	II	58	System Security (ECS0602)
Saturday 03/05/2025	III	59	Compiler Construction (ECS0603)
Monday 05/05/2025	IV	60	Internet Programming using ASP.Net (ECS0604)
Tuesday 06/05/2025	V	61	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: 3:00p.m. to 6:00p.m Special Paper-XI
Wednesday 07/05/2025	62	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](http://sus.ac.in)

Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/620

Date: 17/04/2025

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++
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
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
ECS0203	Programming in JAVA – II	ECS1205	Python - II
ECS0204	Discrete Structures – I	ECS1107	Graph Theory
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
ECS0303	Software Engineering	ECS1303	Software Engineering
ECS0304	Software Testing	ECS1403	Software Testing
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
ECS0402	MySQL	ECS1404	Database Management System-II
ECS0403	Operating System		No Equivalence
ECS0404	Linux OS and Shell Scripting	ECS1302	Linux OS and Shell Scripting
ECS0405	Statistics for Data Science	ECS1405	Descriptive Statistics
ECS0406	Optimization Techniques		No Equivalence
ECS0407	Web Development Using PHP	SEC-1	Web Development using PHP

