PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

NAAC Accredited-2015
'B' Grade (CGPA 2.62)

REVISED FINAL PROGRAM OF B.Sc. (E.C.S.) SEMESTER – I TO VI MAR/APR-2023

EXAMINATIONTO BE HELD IN JUNE- 2023

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 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 विद्यार्थ्यापेक्षा 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	DBF	D.B.F. Dayanand College of Arts & Science
2		DHB	D.H.B. Soni College
3		SAN	Sangameshwar College
4	PANDHARPUR	KBP	Karmveer Bhaurao Patil Mahavidhyalaya
5	Sangola	SANG	Sangola College
6		VIMAS	Vidnyan Mahavidyalaya
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.

Day & Date	Paper No.	Sr. No.	Subject Time: 9:00 a.m. To 11:00 a.m.
			B.Sc. (E.C.S.) Sem – I (New w.e.f. June 2022) (CBCS Pattern-2022)
Tuesday 18/07/2023	I	1	(w.e.f. New June 2020) English (Comp.) (ECS1101) Communication Skill
Wednesday 19/07/2023	II	2	Fundamental of Computer (ECS1102)
Thursday 20/07/2023	III	3	Basics of Operating System (ECS1103)
Friday 21/07/2023	IV	4	Programming using 'C (ECS1104)
Saturday 22/07/2023	V	5	Python - I (ECS1105)
Sunday 23/07/2023	VI	6	Numerical Methods (ECS1106)
Monday 24/07/2023	VII	7	Graph Theory (ECS1107)
Tuesday 25/07/2023	VIII	8	Basic Electronics Paper– I (ECS1108)
Wednesday 26/07/2023	IX	9	Advanced Electronics Paper– II (ECS1109)

<table>
<tr><td colspan="4" align="center">B.Sc. (E.C.S.) Sem – I (w.e.f. June 2019)
(CBCS Pattern-2019) (Old up to MAR-2023)</td></tr>
<tr><td>Day & Date</td><td>Paper No.</td><td>Sr. No.</td><td>Subject
Time: 9:00 a.m. To 11:00 a.m.</td></tr>
<tr><td>Tuesday
18/07/2023</td><td>I</td><td>10</td><td>(w.e.f. New June 2020)
English (Comp.) (ECS0101 / ECS20101)

LITERARY VOYAGE</td></tr>
<tr><td>Wednesday
19/07/2023</td><td>II</td><td>11</td><td>Fundamentals of Programming using C and C++ – I (ECS0102)</td></tr>
<tr><td>Thursday
20/07/2023</td><td>III</td><td>12</td><td>Fundamentals of Programming using C and C++ – II (ECS0103)</td></tr>
<tr><td>Friday
21/07/2023</td><td>IV</td><td>13</td><td>Computer System Architecture – I (ECS0104)</td></tr>
<tr><td>Saturday
22/07/2023</td><td>V</td><td>14</td><td>Computer System Architecture – II (ECS0105)</td></tr>
<tr><td>Sunday
23/07/2023</td><td>VI</td><td>15</td><td>Fundamental of Computer system – I (ECS0106)</td></tr>
<tr><td>Monday
24/07/2023</td><td>VII</td><td>16</td><td>Fundamental of Computer system – II (ECS0107)</td></tr>
<tr><td>Tuesday
25/07/2023</td><td>VIII</td><td>17</td><td>Numerical Methods – I (ECS0108)</td></tr>
<tr><td>Wednesday
26/07/2023</td><td>IX</td><td>18</td><td>Numerical Methods – II (ECS0109)</td></tr>
</table>

<table>
<tr><td colspan="4" align="center">B.Sc. (E.C.S.) Sem – II (NEW w.e.f. June 2022)
(CBCS Pattern-2022)</td></tr>
<tr><td>Day & Date</td><td>Paper No.</td><td>Sr. No.</td><td>Subject
Time: 12:00 p.m. To 02:00 p.m.</td></tr>
<tr><td>Monday
19/06/2023</td><td>I</td><td>19</td><td>(w.e.f. New Nov. 2020)
English (Comp.) (ECS1201)
Communication Skill</td></tr>
<tr><td>Tuesday
20/06/2023</td><td>II</td><td>20</td><td>Introduction to Web Technology (ECS1202)</td></tr>
<tr><td>Wednesday
21/06/2023</td><td>III</td><td>21</td><td>Operating System (ECS1203)</td></tr>
<tr><td>Thursday
22/06/2023</td><td>IV</td><td>22</td><td>Object Oriented Programming using C++ (ECS1204)</td></tr>
<tr><td>Friday
23/06/2023</td><td>V</td><td>23</td><td>Python - II (ECS1205)</td></tr>
<tr><td>Saturday
01/07/2023</td><td>VI</td><td>24</td><td>Linear Algebra (ECS1206)</td></tr>
<tr><td>Sunday
02/07/2023</td><td>VII</td><td>25</td><td>Discrete Mathematics (ECS1207)</td></tr>
<tr><td>Monday
03/07/2023</td><td>VIII</td><td>26</td><td>Digital Electronics and Microprocessor

(ECS1208)</td></tr>
<tr><td>Tuesday
04/07/2023</td><td>IX</td><td>27</td><td>Introduction to Microcontroller and Embedded System (ECS1209)</td></tr>
</table>

B.Sc. (E.C.S) Sem – II (w.e.f. June 2019) (CBCS Pattern-2019)		
Day & Date	**Sr. No.**	**Subject** **Time 11:00 am to 2:00 pm**
	71	Descriptive Statistics-II (2013208)
	72	Probability Theory-II (2013209)

B.Sc.(E.C.S) Sem-II New (First Year) (w.e.f. June 2019)			
Day & Date	**Sr. No.**	**SUBJECT** **Time: 12:00 p.m. to 02:00 p.m**	
Sunday 30/07/2023	600	**Democracy, Elections and Good Governance (DEG22)**	**Candidates note that Democracy, Elections and Good Governance Examination will be conducted in their Parent (home) College**

B.Sc.(E.C.S) Sem-II (First Year) (w.e.f. June 2019) (Old up to OCT-2023)			
Day & Date	**Sr. No.**	**SUBJECT** **Time: 12:00 p.m. to 02:00 p.m**	
Sunday 30/07/2023	601	**Democracy, Elections and Good Governance (19DEG)**	**Candidates note that Democracy, Elections and Good Governance Examination will be conducted in their Parent (home) College**

[i.e. (xxx) indicated for Computer Paper Code

Day & Date	Paper No.	Sr. No.	Subject Time: 12:00 p.m. To 02:00 p.m.
B.Sc. (E.C.S.) Sem – II (w.e.f. June 2019) **(CBCS Pattern-2019) (Old up to OCT.2023)**			
Monday **19/06/2023**	I	28	**(w.e.f. New Nov. 2020)** **English (Comp.)** (ECS0201 / ECS20201) LITERARY VOYAGE
Tuesday **20/06/2023**	II	29	Programming in JAVA – I (ECS0202)
Wednesday **21/06/2023**	III	30	Programming in JAVA – II (ECS0203)
Thursday **22/06/2023**	IV	31	Discrete Structures – I (ECS0204)
Friday **23/06/2023**	V	32	Discrete Structures – II (ECS0205)
Saturday **01/07/2023**	VI	33	Introduction to Web Designing – I (ECS0206)
Sunday **02/07/2023**	VII	34	Introduction to Web Designing – II (ECS0207)
Monday **03/07/2023**	VIII	35	Digital Electronics – I (ECS0208)
Tuesday **04/07/2023**	IX	36	Digital Electronics – II (ECS0209)

B.Sc. (E.C.S.) Sem – III (New w.e.f. June 2020) (CBCS Pattern-2020)			
Day & Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 09:00 a.m. to 11:00 a.m.**
Monday **03/07/2023**	I	37	Data Structure using C++ -I (ECS0301)
Tuesday **04/07/2023**	II	38	Data Structure using C++ -II (ECS0302)
Wednesday **05/07/2023**	III	39	Software Engineering (ECS0303)
Thursday **06/07/2023**	IV	40	Software Testing (ECS0304)
Friday **07/07/2023**	V	41	Probability Theory –I (ECS0305)
Saturday **08/07/2023**	VI	42	Probability Theory-II (ECS0306)
Monday **10/07/2023**	VII	43	Introduction to Python programming (ECS0307)

[i.e. (xxx) indicated for Computer Paper Code

B.Sc. (E.C.S.) Sem – IV (New w.e.f. Nov 2020) (CBCS Pattern-2019)			
Day & Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 9:00 a.m. to 11:00 a.m**
Monday 19/06/2023	DSC 1D	44	Database Management System (ECS0401)
Tuesday 20/06/2023	DSC 1D	45	MYSQL (ECS0402)
Wednesday 21/06/2023	DSC 2D	46	Operating System (ECS0403)
Thursday 22/06/2023	DSC 2D	47	Linux OS and Shell Scripting (ECS0404)
Friday 23/06/2023	DSC 3D (GE-4)	48	Statistics for Data Science(ECS0405)
Saturday 01/07/2023	DSC 3D (GE-4)	49	Optimization techniques (ECS0406)
Sunday 02/07/2023	SEC-II	50	Web Development using PHP (ECS0407)

B.Sc. (E.C.S) Sem – IV (w.e.f. June 2019) (CBCS Pattern-2019)		
Day & Date	**Sr. No.**	**Subject** **Time: 11:00 a.m. to 2:00 p.m**
Thursday 27/07/2023	73	Object Oriented Programming Using JAVA (2013401)

B.Sc. (ECS) Sem-IV (New w.e.f. Nov 2021) (CBCS Pattern-2020)			
Day & Date	**Sr. No.**	**SUBJECT** **Time: 9:00 a.m. to 11:00 a.m**	**Candidates note that Environmental Studies**
Sunday 09/07/2023	602	Environmental Studies (ENS)	**Examination will be conducted in their Parent (home) College**

B.Sc. (E.C.S.) Sem – V (New w.e.f. June 2021) (CBCS Pattern-2019)			
Day & Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m. to 6:00 p.m.**
Sunday **02/07/2023**	I	51	English (Business English) (ECS0501) **Time: 3:00 p.m. to 5:00 p.m.**
Monday **03/07/2023**	II	52	Data Communication and Networking (ECS0502)
Tuesday **04/07/2023**	III	53	Theory of Computer Science (ECS0503)
Wednesday **05/07/2023**	IV	54	Visual Programming (ECS0504)
Thursday **06/07/2023**	V	55	Advanced Java (ECS0505)

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: 3:00 p.m. to 6:00 p.m.**
		Special **Paper - XI**
Friday **07/07/2023**	56	Advanced Python Programming (ECS0506)

B.Sc. (E.C.S.) Sem – VI (New w.e.f. Nov. 2021) (CBCS Pattern-2019)			
Day & Date	Paper No.	Sr. No.	Subject **Time: 3:00 p.m. to 6:00 p.m.**
Monday 19/06/2023	I	57	**English (ECS0601)** Literary Mindscapes – I **Time: 3:00 p.m. to 5:00 p.m.**
Tuesday 20/06/2023	II	58	System Security **(ECS0602)**
Wednesday 21/06/2023	III	59	Compiler Construction **(ECS0603)**
Thursday 22/06/2023	IV	60	Internet Programming using ASP.Net **(ECS0604)**
Friday 23/06/2023	V	61	Angular JS **(ECS0605)**

B.Sc. Sem – VI (New w.e.f. Oct. 2021) (Cont…) (CBCS Pattern-2019)		
Skill Based Course Added on Courses		
Day & Date	Sr. No.	Subject **Time: 3:00 p.m. to 6:00 p.m**
		Special Paper - XI
Saturday 01/07/2023	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.**

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

Ref No.: PAHSUS/EXAM/TIME-TABLE/2023/1485

Date: 04/07/2023   **Sd/-**
                                                                 Director
                                                         Board of Examinations and Evaluation