



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025
SEMESTER PATTERN EXAMINATION

FINAL PROGRAM OF THE BACHELOR OF COMPUTER APPLICATIONS [B.C.A.-SCIENCE] SEM-I TO VI MAR/APR.-2025 EXAMINATION TO BE HELD IN APR.-2025

1. Students should see their Examination Seat No. and Name in the Name-list and mistake if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat Numbers as well as the place of the Examination, on the Notice Board of the University/Colleges mentioned above at least two days before the date of the Examination. The Candidate should write correct Seat No. on each Answer Book. If candidate writes wrong Seat No. on Answer Book the performance of said subject will not be considered.
2. Candidates are requested to be present at their respective place of examination **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. They 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 कमीतकमी 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.

| Sr. No. | Centre | College Abbreviation | Place |
|---------|------------|----------------------|---|
| 1 | Solapur | DAV | D.A.V. Velankar Commerce College |
| 2 | | KPMIM | K.P. Mangalwedhekar Inst. of Mgnt. Career Devpt. and Research |
| 3 | | DHB | D.H.B. Soni College |
| 4 | | VASU | Vasundhara Arts College |
| 5 | | ARBM | A.R.BurlaMahilaMahavidyalaya |
| 6 | | DBF | D.B.F. Dayanand College of Arts & Science |
| 7 | PANDHARPUR | UMA | Uma Mahavidyalaya |
| 8 | | KBP | K.B.P. Mahavidyalaya |
| 9 | | NSCP | New Satara College, Pandharpur |
| 10 | BARSHI | BPS | B.P. Sulakhe Commerce College |
| 11 | | SBZ | Shriman Bhausahab Zadbuke Mahavidyalaya |
| 12 | SANGOLA | SANG | Sangola College |
| 13 | | GDMAS | Dr. Ganpatrao Deshmukh Mahavidyalaya, |
| 15 | NATEPUTE | SMSMPM | S.M. Shankarrao Mohite Patil College |

| Sr. No. | Centre | College Abbreviation | Place |
|---------|----------|----------------------|--|
| 16 | AKKALKOT | CBK | C.B.Khedgi's College |
| 17 | MOHOL | DSG | D.S. Garad Mahavidyalaya |
| 18 | AKLUJ | SIITP | Shriram Institute of Information Tech. Paniv |
| 19 | | GCCTA | Green Fingers College of Computer & Technology |
| 20 | KARMALA | YCMK | Yashwantrao Chavan Mahavidyalaya |

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

| B.C.A. Sem – I (w.e.f. June 2022) (CBCSPattern-2022) (Old up to MAR.-2025) | | |
|---|---------|--|
| Day & Date | Sr. No. | Paper Time: 12:00p.m.To02:00p.m. |
| Thursday 08/05/2025 | 1 | English (Comp.) (BCA1101) Communication Skill |
| Friday 09/05/2025 | 2 | Fundamentals of Computer Paper-I (BCA1102) |
| Saturday 10/05/2025 | 3 | Office Automation Paper-II (BCA1103) |
| Tuesday 13/05/2025 | 4 | Programming and Problem Solving using 'C' Paper-I (BCA1104) |
| Wednesday 14/05/2025 | 5 | Web Programming-I Paper-II (BCA1105) |
| Thursday 15/05/2025 | 6 | Basics of Mathematics Paper-I (BCA1106) |
| Friday 16/05/2025 | 7 | Descriptive Statistics Paper-II (BCA1107) |
| Saturday 17/05/2025 | 8 | Fundamentals of Electronics Paper-I (BCA1108) |
| Monday 19/05/2025 | 9 | Linear Electronics-II (BCA1109) |

| <u>B.C.A. Sem – II (NEW w.e.f. Nov. 2022)</u> (CBCSPattern-2022) | | |
|--|----------------|--|
| Day & Date | Sr. No. | Paper Time: 12:00 p.m. to 2:00 p.m |
| Thursday 22/05/2025 | 10 | English (Comp.) (BCA1201) Communication Skill |
| Friday 23/05/2025 | 11 | Introduction to Python Programming (BCA1202) |
| Saturday 24/05/2025 | 12 | Operating System (BCA1203) |
| Monday 26/05/2025 | 13 | Programming and Problem Solving using 'C'-II (BCA1204) |
| Tuesday 27/05/2025 | 14 | Web Programming-II (BCA1205) |
| Wednesday 28/05/2025 | 15 | Graph Theory (BCA1206) |
| Thursday 29/05/2025 | 16 | Probability Theory (BCA1207) |
| Friday 30/05/2025 | 17 | Digital Fundamentals of Computer (BCA1208) |
| Monday 02/06/2025 | 18 | Introduction of Microprocessor and Interfacing (BCA1209) |

| <u>B.C.A. Sem – II (w.e.f. Nov. 2019)</u> (CBCSPattern-2019) | | |
|---|----------------|---|
| Day & Date | Sr. No. | Paper Time: 3:00p.m.To5:00p.m. |
| Tuesday 03/06/2025 | 19 | Software Engineering- II (19409209) |

| <u>B.C.A. Sem – III (New w.e.f. June 2023)</u> (CBCS Pattern-2022) | | |
|---|----------------|--|
| Day & Date | Sr. No. | Paper Time:09:00a.m.to11:00a.m. |
| Thursday 05/06/2025 | 20 | Object Oriented Programming using Java-I (BCA1301) |
| Friday 06/06/2025 | 21 | Data Structure Using 'C'-I (BCA1302) |
| Monday 09/06/2025 | 22 | Database Management System –I (BCA1303) |
| Tuesday 10/06/2025 | 23 | Software Engineering (BCA1304) |
| Wednesday 11/06/2025 | 24 | Web Development using PHP (SEC-1) Time:09:00a.m.to12:00p.m. |
| Thursday 12/06/2025 | 25 | Financial Accounting with Tally (BCA1305) |
| Friday 13/06/2025 | 26 | Operating System-II (BCA1306) |

| <u>B.C.A. Sem – III (w.e.f. Nov. 2020-21)</u> (CBCSPattern-2019) | | |
|---|----------------|---|
| Day & Date | Sr. No. | Paper |
| Saturday 14/06/2025 | 27 | OOPs with C++ I (19409301) Time: 9:00 a.m.To 11:00 a.m. |
| | 28 | Computer Networks-I (19409306) Time: 3:00p.m.To 5:00p.m. |

| B.C.A. Sem – IV (NEW w.e.f. Oct. 2023) (CBCS Pattern-2022) | | |
|--|---------|---|
| Day & Date | Sr. No. | Paper Time: 12:00 p.m. to 2:00 p.m. |
| Wednesday 30/04/2025 | 29 | Object Oriented Programming using Java-II (BCA1401) |
| Friday 02/05/2025 | 30 | Data Structure Using 'C'-II (BCA1402) |
| Saturday 03/05/2025 | 31 | Database Management System-II (BCA1403) |
| Monday 05/05/2025 | 32 | Software Testing & QA (BCA1404) |
| Tuesday 06/05/2025 | 33 | Digital Marketing (BCA1405) |
| Wednesday 07/05/2025 | 34 | Python-II (BCA1406) |

| B.C.A. Sem – IV (w.e.f. Oct. 2020) (CBCS Pattern-2019) | | |
|--|---------|---|
| Day & Date | Sr. No. | Paper Time: 12:00 p.m. to 2:00 p.m. |
| Wednesday 30/04/2025 | 90 | OOPS with C++-II (19409401) |
| Friday 09/05/2025 | 91 | MySQL (19409403) Time: 11:00 a.m. to 1:00 p.m. |
| Saturday 03/05/2025 | 92 | Ethics and Cyber law (19409404) |
| Monday 05/05/2025 | 93 | Angular JS (19409405) |
| Tuesday 06/05/2025 | 94 | Advance 4.0 d Computer Networks (19409406) |
| Wednesday 07/05/2025 | 95 | Python Programming (19409407) (Time: 12:00 p.m. to 3:00 p.m.) |

| B.C.A. Sem – V (New w.e.f. June 2024) (CBCS Pattern-2022) | | |
|--|----------------|---|
| Day & Date | Sr. No. | Paper Time:9:00 a.m.to 12:00p.m. |
| Wednesday 30/04/2025 | 35 | English (Business English) (BCA1501) |
| Friday 02/05/2025 | 36 | Data Communication and Networking (BCA1502) |
| Saturday 03/05/2025 | 37 | Data Warehousing and Data Mining (BCA1503) |
| Monday 05/05/2025 | 38 | .NET Core (BCA1504) |
| Tuesday 06/05/2025 | 39 | A) Data Science using Python (BCA1505-A) |
| | 40 | OR |
| | 41 | B) Kotlin Programming (BCA1505-B) OR C) ReactJS (BCA1505-C) |

| B.C.A. Sem – V (New w.e.f. June 2024) (CBCS Pattern-2022) | | |
|--|----------------|---|
| <u>Skill Based Course Added on Courses</u> | | |
| Day & Date | Sr. No. | Paper Time:9:00 a.m.to 12:00p.m. |
| Wednesday 07/05/2025 | 42 | Advanced Java (BCA1506) |

| <u>B.C.A. Sem – V (w.e.f. June 2021)</u> (CBCS Pattern-2019) (Old up to MAR.-2025) | | |
|---|---------|---|
| Day & Date | Sr. No. | Paper Time:9:00 a.m.to 12:00p.m. |
| Wednesday 30/04/2025 | 43 | English (Comp.) (Business English) (20409501) Time: 9:00 a.m.to 11:00a.m. |
| Friday 02/05/2025 | 44 | Core Java (19409502) |
| Saturday 03/05/2025 | 45 | Visual Programming (19409503) |
| Monday 05/05/2025 | 46 | Computer Graphics (19409504) |
| Tuesday 06/05/2025 | 47 | Recent Trends in IT (19409505) |

| <u>B.C.A. Sem – V (New w.e.f. June 2021)</u> (CBCS Pattern-2019) (Old up to MAR.-2025) | | |
|---|---------|--|
| <u>Skill Based Course Added on Courses</u> | | |
| Day & Date | Sr. No. | Paper Time:9:00 a.m.to 12:00p.m. |
| Wednesday 07/05/2025 | 48 | Linux and Shell Programming (19409506) |

| <u>B.C.A. Sem – VI (New w.e.f. Nov 2024)</u> (CBCS Pattern-2022) | | |
|---|----------------|--|
| Day & Date | Sr. No. | Paper Time: 3:00 p.m.to 6:00 p.m. |
| Wednesday 30/04/2025 | 49 | English (BCA1601) Business English |
| Friday 02/05/2025 | 50 | Network Security(BCA1602) |
| Saturday 03/05/2025 | 51 | Data Visualization using PowerBI (BCA1603) |
| Monday 05/05/2025 | 52 | ASP.Net Core(BCA1604) |
| Tuesday 06/05/2025 | 53 | Linux and Shell Programming (BCA1605-A) OR |
| | 54 | Mobile Application Development using Kotlin (BCA1605-B) OR |
| | 55 | Internet of Things (BCA1605-C) |

| <u>B.C.A. Sem – VI (New w.e.f. Nov 2021)</u> (CBCS Pattern-2019) (Old up to OCT-2025) | | |
|--|----------------|---|
| Day & Date | Sr. No. | Paper Time:3:00 p.m.to 6:00 p.m. |
| Wednesday 30/04/2025 | 57 | English (Comp.) (19409601) (Business English) Time: 3:00 p.m.to 5:00 p.m. |
| Friday 02/05/2025 | 58 | Advanced Java (9409602) |
| Saturday 03/05/2025 | 59 | Dot Net Technology (19409603) |
| Monday 05/05/2025 | 60 | Data Warehouse and Data Mining (19409604) |
| Tuesday 06/05/2025 | 61 | Cryptography and Network Security (19409605) |
| Wednesday 07/05/2025 | 62 | Advanced Python (19409606) |

Note:

1. The Practical Examination will be CONDUCTED BEFORE/AFTER THE 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/2025/1084

Date : 10/06/2025

Sd/-
Director
Board of Examinations and Evaluation

Equivalence Subject List

| Pattern 2019 Paper Code | B.C.A -I Semester - I Subject | Pattern 2022 Paper Code | B.C.A -I Semester - I Subject |
|----------------------------------|--|-------------------------------|--|
| 19409101 | English (Comp | BCA1101 | English (Comp.) |
| 19409102 | Fundamentals of Computer Paper-I | BCA1102 | Fundamentals of Computer Paper-I |
| 19409103 | Logic Development With 'C' Programming Paper-II | BCA1104 | Programming and Problem Solving using 'C' Paper-I |
| 19409104 | Basics of Web Programming - I | BCA1105 | Web Programming-I Paper-II |
| 19409105 | Software Engineering- I Paper-II | | No Equivalence |
| 19409106 | Basics of Mathematics -I | BCA1106 | Basics of Mathematics Paper-I |
| 19409107 | Statistical Methods-I Paper-II | BCA1107 | Descriptive Statistics Paper-II |
| 19409108 | Digital Electronics Paper-I | BCA1108 | Fundamentals of Electronics Paper-I |
| 19409109 | Development of Human Skills Paper-II | | No Equivalence |
| Pattern 2019 Paper Code | B.C.A -I Semester - II Subject | Pattern 2022 Paper Code | B.C.A -I Semester - II Subject |
| 19409201 | English (Comp.) | BCA1201 | English (Comp.) |
| 19409202 | Advanced Programming in C | BCA1204 | Programming and Problem Solving using 'C'-II |
| 19409203 | Introduction to Operating System | BCA1203 | Operating System |
| 19409204 | Basics of Web Programming – II | BCA1205 | Web Programming-II |
| 19409205 | Office Automation | BCA1103 | Office Automation Paper-II |
| 19409206 | Basics of Mathematics – II | BCA1206 | Graph Theory |
| 19409207 | Statistical Methods-II | BCA1207 | Probability Thoery |
| 19409208 | Introduction to Microprocessor | BCA1209 | Introduction of Microprocessor and Interfacing |
| 19409209 | Software Engineering- II | | No Equivalence |
| Pattern 2019 Paper Code | B.C.A -II Semester - III Subject | Pattern 2022 Paper Code | B.C.A -II Semester - III Subject |
| 19409301 | OOPS with C++-I | | No Equivalence |
| 19409302 | Data Structures Using C-I | BCA1302 | Data Structure Using 'C'-I |
| 19409303 | Database Management System | BCA1303 | Database Management System –I |
| 19409304 | Software Testing & Quality Assurance | BCA1304 | Software Engineering |
| 19409305 | Web Development Using PHP | SEC-1 | Web Development using PHP |
| 19409306 | Computer Networks-I | | No Equivalence |
| 19409307 | Financial Accounting With Tally | BCA1305 | Financial Accounting with Tally |
| | | | |
| | | | |

| Pattern 2019 Paper Code | B.C.A -II Semester - IV Subject | Pattern 2022 Paper Code | B.C.A -II Semester - IV Subject |
|----------------------------------|------------------------------------|-------------------------------|---------------------------------|
| 19409401 | OOPS with C++-II | | No Equivalence |
| 19409402 | Data structures using 'C' - 4.0 II | BCA1402 | Data Structure Using 'C'-II |
| 19409403 | MySQL | | No Equivalence |
| 19409404 | Ethics and Cyber law | | No Equivalence |
| 19409405 | Angular JS | | No Equivalence |
| 19409406 | Advance 4.0 d Computer Networks | | No Equivalence |
| 19409407 | Python Programming | | No Equivalence |