

**Rashtramata Jijau Charitable Trust's**

# **Chhatrapati Sambhaji College Of Computer Science**

**Affiliated with Dr. Babasaheb Ambedkar Marathwada University**



**PROSPECTOUS 2023-24**

## **ADDRESS**

**CIDCO, N-7, PLOT NO.1, SECTOR 4,  
NR. CIDCO POST OFFICE, AURANGABAD**

**Website: [www.rjctcscs.org](http://www.rjctcscs.org)**

**Email : [chatrapti.2011@gmail.com](mailto:chatrapti.2011@gmail.com)**

**Contact :**

**9960238968, 9372030303**

**Vision – To inculcate the significance of Education amongst the rural masses and to become the premier source of education in the region.**

**Mission – To provide innovational education opportunities and to bring overall development in the moral as well as in the economic development of the individuals and the society.**

**Introduction –**

Information and communication technology is the backbone of our country. There is no doubt that technology has changed the way services were delivered. Industries, educational institutes, research organisations, government now look for e-governance based services. This is the today's need of the country. Now India is not just a under developed country rather it becomes a country where development ratio is increasing constantly. Indian IT industry is contributing to Indian economy significantly. It helped to increase employment for indian brains who seek jobs in foreign countries after completing their education. Software Technology Parks are developed to support Indian software industry. The response to the government was very good. Software developers and overall industry is making its landmark in India. There were many examples Patni, Infosys, Birla, Accenture, Quckr, Flipkart companies export software, services and products to other countries. The educational institutes in India does shaped up young indian brain so as they can compete with international standards. Which is a very good step..

We, Chhatrapati Sambhaji College of Computer science encourage consistently by motivating students to take active part in development of institution and themselves. The college is renovating as per current trends and needs felt.

Good Academic record, dedicated hardworking teachers, adequate infrastructure and moreover support to students for making them a good citizen of India.



**Shri. Ganesh Wadkar**

**Chairman**



**Shri. Ashok Wadkar**

**Secretary**

## **Principal's Message-**



**Dr. Narendra S. Jain**

You are getting your education in an institution where there is healthy atmosphere for your overall development and many good things that shall help you in your future and this is only because of co-operative culture of students, teachers, faculty members and the management of institution.

The aim of this institute is to develop not just top Experts but also well developed persons.

As professionals you are required to gain knowledge and use it effectively even when you are exposed to pressure. You can surely face the challenges in the world with great courage if you can manage your valuable time and set your priorities, by having healthy competition and team spirit. Working in a team, effectively yields best results, even under tight deadlines.

I am sure that all the students of Chhatrapati Sambhaji College of Computer Science will fulfill the expectations and simultaneously develop healthy atmosphere where you can enjoy various extracurricular activities organized during the years at the institute.

## Bachelor of Computer Science [ B.C.S.]

### Eligibility for Admission:

A Three year degree program for a candidate having passed a H.S.C. with science and physics, chemistry and or mathematics, biology / technical subjects or candidate having passed M.C.V.C. with Computer techniques/ I.T./ Electronics or three year diploma course in engineering conducted by M.S.B.T.E./ he/she must have passed qualifying examination.

### Syllabus New Pattern-2022

#### B.C.S. I Semester

Communication Skill -I  
Marathi/Hindi/Sanskrit/Urdu  
Computer Fundamentals  
Digital Electronics  
Operating System I  
Programming in C  
Programming Methodology  
Mathematical Foundation  
Computer Fundamentals(Practical)  
Digital Electronics(Practical)  
Operating System I(Practical)  
Programming in C(Practical)  
Programming Methodology(Practical)  
Mathematical Foundation(Practical)

#### B.C.S. II Semester

Communication Skill -I  
Marathi/Hindi/Sanskrit/Urdu  
Data Structure  
8086 : Microprocessor  
Operating System II  
Adv. Programming in C  
DataBase Management System  
Numerical Computation Methods  
Data Structure(Practical)  
8086 : Microprocessor(Practical)  
Operating System II(Practical)  
Adv. Programming in C(Practical)  
DataBase Management System(Practical)  
Numerical Computation Methods(Practical)

#### B.C.S. III Semester

Communication Skill -I  
Marathi/Hindi/Sanskrit/Urdu  
Object Oriented using C++  
Linux Operating System  
  
Web Fundamental  
Advance Data Structure  
Relational Database Management System  
Computational Statistical using R  
Object Oriented using C++(Practical)  
Linux Operating System(Practical)  
  
Web Fundamental(Practical)  
Advance Data Structure(Practical)  
Relational DBMS(Practical)  
Development(Practical)  
Computational Statistical using R(Practical)

#### B.C.S. IV Semester

Communication Skill -I  
Marathi/Hindi/Sanskrit/Urdu  
Core Java  
Basics Android Operating System  
  
Computer Networks  
Data Analytics  
Open Source Web Application Development  
Computer Graphics  
Core Java(Practical)  
Basics Android Operating System(Practical)  
  
Computer Networks(Practical)  
Data Analytics(Practical)  
Open Source Web Application  
Computer Graphics(Practical)

## Syllabus Old Pattern-2022

### **B.C.S. I Semester**

Computer Fundamentals  
Digital Electronics  
8085 : Microprocessor  
Programming in C  
Communication Skill – I  
Mathematical Foundation  
Office Suite (Practical)  
Digital Electronics (Practical)  
8085 : Microprocessor (Practical)  
Programming in C (Practical)

### **B.C.S. III Semester**

Analysis of Algorithm  
Operating System II  
Peripheral & Interfacing  
OOPS using Java I / C++  
DBMS I  
Statistical Method  
Analysis of Algorithm (Practical)  
Peripheral & Interfacing (Practical)  
OOPS using Java I (Practical)  
DBMS I (Practical)

### **B.C.S. V Semester**

Software Engineering II  
E-Commerce  
Data Communication Networking II  
GUI Programming  
XML  
Data Warehousing and DM  
Data Communication Networking II (Practical)  
GUI Programming (Practical)  
XML (Practical)  
Data Warehousing and DM (Practical)

### **B.C.S. II Semester**

Data Structure  
Operating System I  
8086 : Microprocessor  
Adv. Programming in C  
Communication Skill II  
Numerical Computation Methods  
Data Structure & OS (Practical)  
8086 : Microprocessor (Practical)  
Adv. Programming in C (Practical)  
Numerical Computation Methods (Practical)

### **B.C.S. IV Semester**

Software Engineering I  
DBMS II  
Data Communication Networking I  
OOPS using Java II / C++  
Web Fundamentals I  
Linux  
DBMS II (Practical)  
OOPS using Java II (Practical)  
Web Fundamentals I (Practical)  
Linux (Practical)

### **B.C.S. VI Semester**

Software Testing and QA  
Theory of Computation  
Ethics and Cyber Law  
Dot Net Architecture and Programming  
Web Programming  
Mobile Computation  
PROJECT WORK  
SEMINAR

**Attendance:** Attendance to theory and practicals should be at least 75%. The student will not be allowed to sit in the examination if his attendance does not match this criteria.

**Uniform:** A student should be present in uniform i.e. white shirt and blue jeans.

**Examination Pattern:** There will be examination as per semester pattern viz Nov.-Dec. / March-April.

**Practical Record, Project and Seminars-**

Students should submit their Practical Record Files and Project work within the stipulated time by the subject teacher.

**Admission Criteria**

Student willing to seek admission register himself through online registration process on university website i.e. <http://bamua.digitaluniversity.ac>

He / she should get print out of online registration and then submit to college principal along with duly filled application form within 10:30 am to 5:30 pm

Students should submit original and certified copies of

- T.C. / Leaving Certificate
- Marks Memo
- Caste Certificate (for reserved category SC- ST only)
- Income certificate
- AADHAR Card
- 4 passport sized photographs
- Other necessary documents along with fee prescribed for the course

**Payment of Fees:**

Every student is required to pay fee as per the fee structure and the fee prescribed for the category at the time of admission. A student is allowed to pay tuition fees in two installments.

Rules for taking admission –

1. Ragging is punishable offence under Maharashtra Prohibition of Ragging Act, 1999.
2. Student should possess identity card in college premises and should produce as when demanded.
3. Student should not snoop around corridors.
4. If student wish to cancel admission before first semester he must pay 50% fee and after first semester must pay 100% fee.

**Fee Structure:**

Fee structure will be applicable as per university rules.

## **Student Support and Facilities:**

### **Scholarship:**

GOI Scholarship and Freeship will be applicable to students from SC and ST category.

### **Library and Reading Room:**

A well-managed library with reference books and text books of every subject with ratio of students. The College library also entitled for newspapers and monthly magazines. The college library during examination time is open till 10:00 pm. The college library extends services by organizing book fair and reading program.

### **Computer Laboratory:**

The college has well equipped computer laboratory with LAN and broadband internet connection.

### **Microprocessor DE Laboratory:**

The college has Microprocessor and digital electronics laboratory with adequate equipment.

### **Sports and Gymnasium:**

The college encourages sports culture in the premises by providing facilities for outdoor and indoor games.

### **Remedial Teaching for Weaker Section Students:**

College makes special efforts to bring up the educational and academic standards of weaker section students particularly in Programming Languages and Microprocessor.

### **Science Club:**

College makes an attempt for students to give them opportunity to organize the knowledge and skill in their studies through 'Science Club'.

### **Wall Paper:**

College students prepare wall paper on given topic and elaborate among all.

### **Games and Sports:**

College organizes General Knowledge Test and Group Discussions for personality development of the students.

### **Prizes**

College gives prizes and certificates to students for their achievements in quiz and competitions.



## Photo Gallery

### Blood Donation Camp on occasion of Jijau Jayanti And Swami Vivekananda 2022



### Student Welcome Function





## Annual Function 2022-23



## Independence Day





## Tree Plantation on “Azadi ka Amrut Mahastov”



## Shaikshanik Sahal





**Guest Lecture on Career and Placement**



**Dr. Babasaheb Ambedkar Marathwada University Foundation Day**





## **Indoor and Out Door Sports**



**University Youth Festival Performances in various activities**







**Cleanliness Drive on occasion of Mahatma Gandhi Jayanti**





**Dr. Babasaheb Ambedkar Jayanti**



**Seminar on Gender Equality**



**Seminar on cyber Security**



**Chhatrapati Shivaji Maharaj Jayanti**








**Workshop on National Career Skill**



### Student Council 2022-23

Sr.No	Name	
1.	Miss. Nayan Buddheshwar Jagtap (CR & Student Secretary)	
2.	NIRAJ KHARCHE (Cultural Representative)	
3.	Shudhhodhan Sadavarte (BCS SY Class Representative (Boys))	
4.	Pooja Bhalerao (BCS SY Class Representative (Girls))	
5.	Vaibhav Suryawanshi (BCS FY Class Representative (Boys))	
6.	PRTIKSHA CHAVAN (BCS FY Class Representative (Girls))	
7.	Vishal Gughre (Sports Representative)	

### **Internal Quality Assurance Committee (IQAC)**

- |                         |                     |
|-------------------------|---------------------|
| 1. Dr. N.S. Jain        | Chairman            |
| 2. Dr. Naziya Pathan    | IQAC Co-ordinator   |
| 3. Shri. Ganesh Wadkar  | Managemanent Member |
| 4. Rani Tidake          | Faculty Member      |
| 5. Aniket Damle         | Student             |
| 6. Pradnya Sonawane     | Alumni              |
| 7. Adv. Suresh Sonawane | Member              |

### **Vishakha Committee**

- |                         |           |
|-------------------------|-----------|
| 1. Dr. Naziya Pathan    | President |
| 2. Swapnali Pedgaonkar  | Member    |
| 3. Mrs. Ujwala Wadkar   | Member    |
| 4. Adv. Varsha Sonawane | Member    |

### **Teaching Staff**

- |                             |             |
|-----------------------------|-------------|
| 1. Dr. N.S. Jain            | Principal   |
| 2. Dr. Naziya Pathan        | Asso. Prof. |
| 3. Rani Tidake              | Asso. Prof. |
| 4. Mrs. Sneha Chavan        | Asso.Prof.  |
| 5. Mrs. Swapnali Pedgaonkar | Asso.Prof.  |
| 6. Mrs. Ashvini Deshmukh    | Asso.Prof.  |

### **Non Teaching Staff**

- |                        |       |
|------------------------|-------|
| 7. Mr. Gajanan Bhosale | Clerk |
| 1. Mr. Maroti Gavhane  | Peon  |

## How To Reach

