

# Department of Computer Science

## About Department

The Department of Computer Science is one amongst the nine academic departments of the Jankidevi Bajaj College of Science, Wardha. The Department came into existence in 1988 and is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University. Global Excellence, teaching and technology development is the vision of the Department. Computer science is the study of the theoretical foundations of information and computation and of practical techniques for their implementation and application in computer systems. Since 1988, it has been committed to the best IT education and has been continuously scaling new heights in the field of Information Technology. It is efficaciously providing quality education to students. The Department consists of well equipped laboratory consisting of computers and internet facilities.

The department is conducting regular refreshing courses in computer awareness for teaching and non teaching staff, since last 20 years.

## Highlights of the Department:

- Well equipped laboratory with ICT facility
- Departmental Library
- Digital Library
- Students' Projects
- Live Projects
- Laboratory with i5 computer configuration
- Internet Broadband Facility with 16Mbps Speed

## Sophisticated Major Instruments:

Software:

### SR.NO CONFIGURATION /DESCRIPTION

- |   |  |
|---|--|
| 1 | M.S. Windows Xp Professional English UPG OLP, NLAE -66300792 |
| 2 | Media CD for Xp  |
| 3 | MS Visual Studio Pro 2005 English OLP NLAE CJE 00130         |
| 4 | Media CD for XP Studio                                       |
| 5 | MS Office XP Plus 2007 English OLP NLAE                      |
| 6 | Boland C++ Turbo   |
| 7 | Oracle 10g Data Base Client Server                           |
| 8 | Oracle 10g Media Kit   |

## Hardware:

1. 5<sup>th</sup> Generation core-i5 computers
2. Laser Printers
3. Dot Matrix printer
4. Scanner
5. UPS
6. Stabilizer

### Teaching Staffs:

S N	NAME OF FACULTIES AND QUALIFICATION	DESIGNATION	PHOTO	CONTACT NO.	MAIL ID	SPECIALIZATION/ RESEARCH AREA
1	Dr. P. A. Saudagar M.Sc., PGDCS, MCA, NET, Ph.D.	Assistant Professor and Co- Ordinator		9423424803	saudagar.pa@gmail.com	Embedded Systems
2	Mr. S. A. Durge M.Sc.(Comp.Sci), MCA,NET,SET	Assistant Professor (On Contract)		9561384697	sagardurge40@gmail.com	Computer Programming
3	Mr. M. M. Wasu M.Sc.(Comp.Sci), MCA,SET	Assistant Professor (On Contract)		8275289462	mithileshwasu546@gmail.com	Ethical Hacking

### Recent Achievement of Students:

- One student won first prize in ELECTRO-QUEST 2018 intercollegiate quiz competition.

### Highlights of the syllabus under Autonomy:

There are two main objectives to the B.Sc. Computer Science Programme.

- a) The primary goal of the degree program in Computer Science is to provide students the foundations for the future work and careers in computation-based courses. These foundations support both a successful career path in computing as well as provide appropriate qualifications for further degree work in computation related disciplines. Our degree emphasizes development of analytical skills, acquisition of knowledge and understanding of systems, languages and tools required for effective computation-based problem solving.
- b) A Computer Science major will provide you with knowledge of programming, operating systems, compiler design and principles of programming language. These skills will prepare graduates to enter technological fields such as systems programming, technical support, research and teaching.

On completion of the B.Sc Computer Science Programme, the students:

- a) Will have sound knowledge of the Programming languages such as C, C++, Java, VB and SQL. Also they will have knowledge about Information Technology, Operating System, System Analysis and Design and Development.
- b) Can participate in off-campus internships, independent study projects, part-time computer employment, lectures by guest speakers, Society of Computing Students programming and on campus employment as lab assistants, lab supervisors and Helpdesk assistants.
- c) Be in a position to develop industrial and entrepreneur applications.