



Department of Computer Applications SSBT's College of Engineering & Technology, Bambhori, Jalgaon, Maharashtra

Vision: To develop skilled professionals with social values as per industry needs.

Mission: To provide a student-centred, conducive environment for preparing knowledgeable, skilled and value added professionals to stand out in a competitive world.



SSBT's College of Engineering & Technology, Bambhori, Jalgaon

Our Inspirations



Smt. PRATIBHA DEVISINGH PATIL
Former President of India
Founder Chairperson, Shram Sadhana
Bombay Trust



Dr. DEVISINGH R. SHEKHAWAT
An Eminent Educationist
The Founder President of Vidya
Bhartai Shaikshanik Mandal,
Amravati



Shri. RAOSAHEB D. SHEKHAWAT
Chairman & Managing Trustee
Shram Sadhana Bombay Trust

Vision, Mission and Objectives of the Institute

Vision: Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter

Mission: To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development

Objectives:

- To impart innovative teaching and learning
- To provide quality education with futuristic trends in engineering and technology
- To develop the institute as a research center for academic excellence
- To ensure continual improvement in quality management system
- To inculcate social values, patriotism and professional ethics among the students

About the Department

The Department of Computer Applications offers Master's degrees in Computer Applications. These degree programs prepare Post graduates for successful, profitable and lifelong careers in Computer Applications. Computer Applications students study hardware and software systems through innovative classroom instructions, supported by laboratories equipped with the state of-the-art hardware and software. The department ensures that the students are introduced to both fundamental and advanced knowledge in areas such as Machine Learning, Data science, Database, Programming Languages etc.

Salient Features of the department are as follows.

- State of the Art Computing Facilities
- ICT in Teaching and Learning
- Teacher as Mentor
- Supportive Learning for Placements

- Professional Development for Industrial Engagement

Various activities conducted by the department for the students are as follows.

- Value Added Courses
- Career Oriented Add-On Courses
- Special Training for Competitive Examination
- Expert Lectures for Industry Interaction
- Report Writing & Paper Presentation
- Personality Development & Soft Skill Training



Program Educational Objectives (PEOs)

PEO 1. Core Knowledge

The computing professional graduate will have the knowledge of basic science and Engineering skills, Humanities, social science, management and conceptual and practical understanding of core computer applications area with project development.

PEO 2. Employment, Continuing

Education

The computing professional graduate will have the knowledge of Industry-based technical skills to succeed in entry level professional position at various industries as well as in academics.

PEO 3. Professional Competency

The computing professional graduate will have the ability to communicate effectively in English, to accumulate and disseminate the knowledge and to work effectively in a team with a sense of social awareness. ■

Program Outcomes (POs)

computing professional graduate will be able to:

- Computational Knowledge: Understand and apply mathematical foundation, computing and domain knowledge for the conceptualization of computing models from defined problems.
- Problem Analysis: Ability to identify, critically analyze and formulate complex computing problems using fundamentals of computer science and application domains.
- Design, Development of Solutions: Ability to transform complex business scenarios and contemporary issues into problems, investigate, understand and propose integrated solutions using emerging technologies.
- Conduct Investigations of Complex Computing Problems: Ability to devise and conduct experi-

ments, interpret data and provide well informed conclusions.

- Modern Tool Usage: Ability to select modern computing tools, skills and techniques necessary for innovative software solutions.
- Professional Ethics: Ability to apply and commit professional ethics and cyber regulations in a global economic environment.
- Life-long Learning: Recognize the need for and develop the ability to engage in continuous learning as a Computing professional.
- Project Management and Finance: Ability to understand, management and computing principles with computing knowledge to manage projects in multidisciplinary environments.

- **Communication Efficacy:** Communicate effectively with the computing community as well as society by being able to comprehend effective documentations and presentations.
 - **Societal and Environmental Concern:** Ability to recognize economic, environmental, social, health, legal, ethical issues involved in the use of computer technology and other consequential responsibilities relevant to professional practice.
 - **Individual and Team Work:** Ability to work as a member or leader in diverse teams in multidisciplinary environment.
 - **Identify opportunities, entrepreneurship vision and use of innovative ideas to create value and wealth for the betterment of the individual and society.**
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Program Specific Outcomes (PSOs)

computing professional graduate will be able to:

- The computing professional graduate will be able to apply knowledge of computer science in practice to identify, critically analyze, formulate and develop computer applications using modern computing tools and techniques and will use these tools with dexterity.
 - The computing professional graduate will be able to design computing systems to meet desired needs within realistic constraints such as safety, security and applicability. These systems will function professionally with ethical responsibility as an individual as well as in multidisciplinary teams with positive attitude.
 - The computing professional graduate will be able to appreciate the importance of goal setting and recognize the need for life-long learning with good communication skills.
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Campus Placement

The Training and placement cell is working hard to maintain a good liaison with industry in and around the place of the campus, to arrange campus interviews, in-plant training, to arrange sponsored projects for both staff and final year students, to create data bank of personnel's who are experts in their respective field from industries, research, service organization, to arrange the expert lectures for the benefit of students and staff members, to arrange training to staff members in Industries / research / services organization, to create data bank of the alumni who are placed in reputed industries, research, service organization, to assist in organizing field visit for staff and students, to assist for apprenticeship training for students.



Placed Students

Sr.No	Name of Company	Package in Lakh	No of Students selected
1	Santronix Sol. Jalgaon	2.8	3
2	Profound, Pune	3.0	1
Total			04



Internship Provided

An internship is a professional learning experience that offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills.

An internship gives a student the opportunity for career exploration and development, and to learn new skills. It offers the employer the opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees.

It serves as a vital link between theoretical knowledge and real-world application, providing me with the opportunity to apply and enhance my skillset, gain wisdom from seaso-

ned colleagues, and grasp the intricacies of the workplace. By bridging the gap between learning and finding a career, internships can speed up the process of moving you toward your career goals. An internship allows you to try out a career in a low-stakes situation, helping you to make more informed decisions on what you want to do with your life. The department is continuously motivating students to do internship in good company.

The department has done MOU with reputed companies which can provide good projects to our projects through internship.

Following table provides the details of internship provided to the students by the department.

Sr.No	Name of Company	Technology	No of Students selected
1	Absolute Software	SQL Development	3
2	Awerest Digi	Web Development	1
3	Codemind Technology,Pune	Java Development	2
4	DD Digital Solutions	Web Development	2
5	Devtown	Full Stack	1
6	GTL Infotech	Front end developer	5
7	Paarsh Infotech Pvt.Ltd	Python Programming	21
8	Rego Digital Solutions	Web Development	2
9	Technoartz	Web Development	5
9	Technoweit	Web Development	2
9	UNIQUE System Skills	Web Development	5
9	Technoartz	Java Full Stack	10

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Resource Person

- Dr. Dinesh D. Puri Conducted session on Leadership and Team Building at SSBT Art, Commerce and Science College, Jalgaon on 21st February 2024
- Dr. Dinesh D. Puri Conducted session on Use of Ma-

chine Learning in Bioinformatics at MBA seminar Hall, SSBT COET, Jalgaon, Jalgaon on 6th April 2024

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Faculty Publication

- Dr. Dinesh D. Puri ,Neha C. Patil, Soham Y. Patil, Vaishnavi B. Salunkhe, Altamash V. Shaikh, Divya S. Patil, on Leaf Disease Detection and Classification System, Mukta Shabd Journal, ISSN NO : 2347-3150, Volume XIII, Issue V, MAY/2024, pp. 233-238, UGC CARE I.
- Dr. Dinesh D. Puri, Akash D. Waghmare, Dr. Girishkumar Patnaik, Dr. Ganesh D. Puri on Survey on malware threats and detection techniques for mobile devices in Journal of Xidian University, ISSN: 1001-2400 Volume 18, Issue 5, 2024 Page No 607 to 613, UGC CARE II
- Dr. Girish K. Patnaik, Dr. Manoj E. Patil, Dinesh D. Puri, Mr. Vaibhav S. Dhande , on Identity in Supply Chain Using Ethereum Blockchain in, European Chemical Bulletin 2023, 12, Special Issue 4, ISSN 2063-5346 page no 9810 to 9817 UGC CARE II SCOPUS Indexed

FDP attended

- Ms. Sapana Fegade attended workshop on Deep Dive into Data Science and Machine Learning at PCE-TS NMIET, Talegaon, Pune sponsored by IEEE Advancing Technology for humanity duration: 26th Feb -1 March 2024
- Ms. Sapana Fegade attended FDP on Emerging Trends in Cloud Computing at Padm. Dr. V. B. Kolate College of Engineering, Malkapur sponsored by IQAC cell, ISTE Faculty Chapter of VBKCOE and IEI Aurangabad Local Chapter duration: 5- 9 Feb 2024
- Ms. Sapana Fegade attended FDP on AI for Educator at Microsoft, Pune sponsored by HSNC University, Mumbai by Quantum Learnings duration: 3 to 12 June 2024
- Ms. Sapana Fegade attended NPTEL Course E-Business sponsored by Funded by the MoE, Govt. of India
- Ms. Sapana Fegade attended Course on Python for Beginners at National Institute of Technical Teachers Training and Research, Chennai sponsored by Ministry of Education, Govt. of India duration: 4-8 March 2024
- Ms. Sapana Fegade attended Workshop on Cyber Resilience for the Digital Era at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore sponsored by NATIONAL CONCLAVE ON CYBER DEFENCE SAJAG 2024 duration: 27th April 2024
- Ms. Sapana Fegade attended Workshop on Ruby at G. H. Raisoni Institute of Engineering and Management, Mohadi Jalgaon sponsored by Spoken Tutorial Project, IIT Bombay duration: 15th to 19th May 2024

Result Analysis of May 2024 University Examination

Class	Number of Students Appeared	Number of Students ALL Clear	% of ALL Clear
MCA I	31	12	38.70
MCA II	62	62	100.00



MCA I Toppers

Name of the Student	SGPA
Patil Deepali Ramesh	9.04
Bendale Prerana Vijay	9.04
Patil Aarti Pandurang)	8.93
Patil Manasi Balu	8.89
Chaudhari Roshni Kiran	8.71
Patil Dhanshri Santosh	8.68
Rane Chitra Anil	8.61
Patil Prerana Ravindra	8.21
Chaudhari Ankita Sunil	8.11
Bhushan Sanjay Titurkar	7.75



MCA II Toppers

Name of the Student	CGPA
Neve Siddhi Chhotu	9.08
Badhe Swati Sanjay	9.08
Jangale Chetana Digambar	8.85
Chaudhari Priti Shravan	8.92
Patil Snehal Kamalakar	8.79
Jadhav Nitin Dilip	8.73
Mahale Nikita Yuvraj	8.71
Jadhwani Harsha Sunil	8.69
Patil Shraddha Sadashiv	8.63
Thadani Vishwas Arjundas	8.05



Newsletter Editorial Committee

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Dr.Dinesh D. Puri, HoD

Newsletter Editor:

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Miss Mansi Patil, MCA I

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Bhanvari Hemnani, MCA II

Harsha Jadhvani, MCA II



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