



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 experiments, 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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MOU

The purpose of the MoU is to develop co-operation and promote mutual understanding and excellence in practice-based education, research and knowledge exchange be-

tween the parties, so that the research and knowledge developed is used for further research and its application at regional, national and global level.

Sr.No	Name of Company	Duration
1	D.D.Digital Solutions, Pimpri Pune, 410506	2 Years
2	Dream Journey Shirpur 425405	2 Years
2	Softanic Solutions Pvt. Ltd. Jalgaon, 425001	2 Years
2	Yippee Technology Pvt Ltd Jalgaon, 425001	2 Years
2	Ram Antivirus Pvt Ltd Jalgaon	2 Years
Total		05

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Induction Program

Purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.

Department of Computer Application has organized the Induction Program from Sept 3rd 2024 to Sept 11th 2024, Ms. Sapana Fegade, Mr.Arsalan Shaikh, Ms. Rita Patil, Ms. Dhanshree Shinde and Ms.Bhagyashri Patil were the key role player in the program. The Welcome Address was delivered by Dr. Dinesh D. Puri, Head of the MCA Department, as part of the Induction Program for newly admitted students. Dr. Dinesh D. Puri warmly welcomed the students and provided an overview of the department, highlighting its vision, mission, and commitment to academic excellence.

He emphasized the importance of technical skills, innovation, and industry-oriented learning in shaping a successful career in the field of Computer Applications.

Following the welcome speech, the Faculty and Staff Introduction session was conducted, where each faculty and staff member was introduced along with their area of expertise and role in the department.

This session helped students familiarize themselves with their mentors and support staff, creating an environment of approachability and collaboration.

The event set a positive and encouraging tone for the academic journey ahead.

The Session on Training and Placement Overview, conducted by Dr. P. M. Solanki, provided MCA students with valuable insights into career opportunities, industry expectations, and placement preparation strategies. Dr. P. M. Solanki highlighted the role of the Training and Pla-

cement Cell in bridging the gap between academics and industry, ensuring students are well-equipped with the necessary skills for successful careers.

The Session on Indian Constitution Overview, conducted by Dr. Umesh Gordiya, provided MCA students with an insightful understanding of the Indian Constitution, its significance, and the fundamental rights and duties it guarantees.

Dr. Gordiya discussed the structure of the Constitution, including its preamble, fundamental rights, directive principles, and the separation of powers between the executive, legislature, and judiciary. He also highlighted the role of the Constitution in shaping India's democracy and governance.

The session aimed to foster a sense of civic responsibility and awareness, encouraging students to understand their rights and responsibilities as citizens of India.



Induction Program

Date	Time	Topic	Resource person
03-09-24	11:00 -1:00	Registration	Mr. Arsalan Shaikh
03-09-24	2:00 -4:00	Address by HOD	Dr. Dinesh D. Puri
04-09-24	11:00 -1:00	Yoga	Ms. Dhanshree Shinde
04-09-24	2:00 -4:00	Indian Constitution	Dr. Umesh Gordiya
05-09-24	11:00 -1:00	Psychometric Test	Ms. Rita Patil
05-09-24	2:00 -4:00	Professional Etiquette	Ms. Sapana Fegade
06-09-24	11:00 -1:00	Student Support System in College	Ms. Rita Patil
06-09-24	2:00 -4:00	Seminar on Leadership and Team Dynamics	Dr. Dinesh D. Puri
09-09-24	11:00 -1:00	Training and Placement Overview	Dr. Pradip Solanki
09-09-24	2:00 -4:00	Cultural Fun Fest	Mr. Arsalan Shaikh
10-09-24	11:00 -1:00	Resume Writing	Dr. Dinesh D. Puri
10-09-24	2:00 -4:00	Interview Skills	Ms. Dhanshree Shinde
11-09-24	2:00 -4:00	Principals Address	Dr. G. K. Patnaik
11-09-24	2:00 -4:00	Literary Engagement Activity	Dr. Dinesh D. Puri



Expert Lecture on Cyber Security

Cyber security awareness is important to protect our data from cyber-attacks and unknown login. We need to be aware of the online threats like phishing and malware that cybercriminals use to steal our data. We need to identify and avoid frauds that are conducted online, via email, or on social media.

On August 2nd, 2024, the Department of Computer Applications organized a Expert Lecture on cyber security in collaboration with Quick Heal foundation and Maharash-

tra Cyber Security Cell.

The course featured two sessions: the morning session (11:00 AM - 02:00 PM) included opening remarks by Dr. Dinesh D. Puri and Mr. Arslan Shaikh, followed by Pious R. Savale's Expert Lecture on cyber security.

The afternoon session (02:00 PM - 05:00 PM) conducted by Revati Firke. Students provided positive feedback, appreciating the expert lecture on cyber security.



Farewell and Fresher Function

As we intentionally say goodbye, think of ways you can give students a sense of purpose through making meaning of their hardships and accomplishments.

Empower them by reminding them of the skills and strengths they possess. These things help combat the loss and stress experienced by students and instructors alike

Farewell Function was organized by Computer Application Department under the students Association ie CASA on 03rd December 2024 at college parking area.

In an emotionally surcharged atmosphere at college parking area, the students, and staff of Computer Engineering Department farewell to the final year students of 2024 batch. The Principal, Dr. G. K. Patnaik addressed the students and gave best wishes for their bright future.

Total 60 students of MCA-I and MCA-II were present for the same.

To welcome first year students fresher fuction was arranged by second year students on 3rd December 2025. Freshers Day is a platform where the juniors display their hidden talents. The most important thing in a freshers' party is to enjoy moments of togetherness and make them feel good about being a part of our college. The primary objective of the fresher's party was to provide a platform for the new students to feel welcomed, establish connections with their peers and faculty, and create a sense of belonging within the college community.

Principal Dr. G. K. Patnaik addressed the students and underlined opportunities in computer field.

Head of Computer department Dr. Dinesh D. Puri welcomed all MCA-I students and gave best wishes to MCA-II students for their Bright future .



MCA-I



MCA-II



Resource Person

- Dr. Dinesh D. Puri Conducted session on Personality Development, organized by Chemical Department SSBT COET, Jalgaon, on 5th August 2024
- Dr. Dinesh D. Puri Conducted session on Personality Development, organized by Civil Department SSBT COET, Jalgaon, on 25th July 2024
- Dr. Dinesh D. Puri Conducted session on Importance of Aptitude, organized by First Year Engineering Department SSBT COET, Jalgaon, on 6th September 2024



Faculty Achievement

- Ms. Sapana Ananda Fegade attended NPTEL Online Certification on Introduction to Operating Systems at IIT Madras, sponsored by Ministry of Education (MoE), Government of India, from July-September 2024 (8-week course).



FDP attended

- Ms. Sapana A. Fegade attended the FDP on Artificial Intelligence and IoT Driven Data Analytics in Industry 5.0 at School of Engineering and Technology, D Y Patil University, Ambi, Pune, sponsored by AICTE Training And Learning (ATAL) Academy, from 9th December 2024 to 14th December 2024.
- Ms. Bhagyashree Patil attended the FDP on Artificial Intelligence and IoT Driven Data Analytics in Industry 5.0 at School of Engineering and Technology, D Y Patil University, Ambi, Pune, sponsored by AICTE Training And Learning (ATAL) Academy, from 9th December 2024 to 14th December 2024.
- Ms. Rita Patil attended the FDP on Artificial Intelligence and IoT Driven Data Analytics in Industry 5.0 at School of Engineering and Technology, D Y Patil University, Ambi, Pune, sponsored by AICTE Training And Learning (ATAL) Academy, from 9th December 2024 to 14th December 2024.
- Ms. Dhanshree Shinde attended the FDP on Artificial Intelligence and IoT Driven Data Analytics in Industry 5.0 at School of Engineering and Technology, D Y Patil University, Ambi, Pune, sponsored by AICTE Training And Learning (ATAL) Academy, from 9th December 2024 to 14th December 2024.
- Mr. Arsalan Shaikh attended the FDP on Artificial Intelligence and IoT Driven Data Analytics in Industry 5.0 at School of Engineering and Technology, D Y Patil University, Ambi, Pune, sponsored by AICTE Training And Learning (ATAL) Academy, from 9th December 2024 to 14th December 2024.
- Ms. Sapana Ananda Fegade attended the FDP on Mastering AI Tools for Faculty Excellence at Vishwakarma Institute of Information Technology, Pune, organized in association with IEEE Computer Society Pune Chapter, from 23rd December 2024 to 27th December 2024.
- Ms. Sapana A. Fegade attended the FDP on Quantum Computing and Cryptography at G H Raisoni College of Engineering and Management, Jalgaon, organized by Department of CSE-IT-AI-DS-AIML, from 23rd September 2024 to 27th September 2024.
- Ms. Sapana A. Fegade attended the International FDP on AI for Sustainable Development at VIIT, Pune, organized by IEEE Region 10 Humanitarian Technology Activities, IEEE Pune Section, IEEE SI-GHT Group, from 5th August 2024 to 9th August 2024.

Result Analysis of December 2024 University Examination

Class	Number of Students Appeared	Number of Students ALL Clear	% of ALL Clear
MCA I	68	53	77.94
MCA II	31	29	93.54

MCA II Toppers

Name of the Student	SGPA
Patil Deepali Ramesh	9.21
Bendale Prerana Vijay	9.07
Chaudhari Roshni Kiran	8.86
Patil Manasi Balu	8.79
Patil Aarti Pandurang	8.79
Patil Dhanshri Santosh	8.71
Rane Chitra Anil	8.57
Chaudhari Ankita Sunil	8.57
Pardeshi Mahima Jitendrasing	8.5
Patil Prerana Ravindra	8.43



MCA I Toppers

Name of the Student	CGPA
Jethaliya Vaishnavi Surajmal	9.7
Badgujar Pranjal Amol	9.53
Shinde Yogesh Chandrabhan	9.53
Patil Snehal Anil	9.46
Patil Rahul Chhagan	9.46
Patil Pooja Sambhaji	9.3
Chaudhari Rupali Satish	9.23
Patil Jagruti Pramod	9.23
Kolhe Tejswini Dilip	9.15
Patil Kalyani Rajendra	9.10



Newsletter Editorial Committee

Newsletter Editor-in-chief:

Dr.Dinesh D. Puri, HoD

Newsletter Editor:

Mr. Arsalan Shaikh, Asst. Professor

Members:

Miss Mansi Patil, MCA II

Miss. Aarti Patil, MCA II

Miss. Anjali Chopade, MCA I

Miss.Jethaliya Vaishanavi, MCA I



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