

## Newsletter



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

Vision: To emerge as the leading Computer Engineering department for inclusive development of students

Mission: To provide student-centered conducive environment for preparing knowledgeable, competent and value-added computer engineers



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 the 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 Computer Engineering Department offers both Bachelor's and Master's degrees in Computer Engineering. These degree programs prepare graduates for successful, profitable and lifelong careers in Computer Engineering. Computer Engineering 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 embedded systems, networking technology, computer security and software engineering etc.

Salient Features of the department are as follows.

- State of the Art Computing Facilities
- ICT in Teaching and Learning
- Teacher as Mentor
- Research & Publications with Social Impact

- 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

Computer engineering graduates will have the knowledge of basic science and Engineering skills, Humanities, social science, management and conceptual and practical understanding of core computer engineering area with project development.

### PEO 2. Employment

Computer engineering graduates will have the knowledge of Industry-based technical skills to succeed in entry level engineering position at various industries as well as in academics.

### PEO 3. Professional Competency

Computer engineering graduates 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)

Computer Engineering Graduates will be able to:

- Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



## Program Specific Outcomes (PSOs)

Computer Engineering Graduates will be able to:

- Software Systems Development: Apply the theoretical concepts of computer engineering and practical knowledge in analysis, design and development of software systems.
- Open Source Software: Demonstrate familiarity and practical competence with a broad range of programming languages and open source platforms.
- Computer Proficiency: Exhibit proficiency through latest technologies in demonstrating the ability for work efficacy to the industry and society.



# Campus Placement

Sr. No	Name of Company	No of Students selected
1	Networx Technologies	6
2	Qspider, pune	37
3	Santronix Software Services, Jalgaon	1
4	ExcelR Edtech Pvt. Ltd., Pune	7
5	Cybersuccess Pune	8
6	Profound Edutech Pvt. Ltd., Pune	3
7	Yash Tecnologies, Indore	1
8	Fortune Cloud Technologies, Pune	2
9	Pristine It code Pvt. Ltd., Mumbai	4
Total		69



# Alumni Meet

The Department of Computer Engineering organized an online Alumni Meet on **4th October 2025** to enable participation from alumni across India and abroad. The event aimed to reconnect with successful alumni working in the IT industry, update them about the department's courses and specializations, strengthen industry-institute interaction, create career opportunities for students, enhance industry-oriented communication skills, and inspire students through the achievements of alumni and the nation



# Induction Program for First Year Students

The department of computer engineering has successfully conducted the induction program for the newly admitted First Year BE-Computer Engineering Students on 27<sup>th</sup> Sept.2025. The Program Aimed to welcome freshers, introduce them to the academic environment, and provide an overview of the curriculum, campus facilities, and student support system.



# Internal Smart India Hackathon-2025

The Internal Smart India Hackathon was Conducted by Department of Computer Engineering. The venue was class room no: **114,115,313,316,320,321,325**

The Internal Hackathon was organized on **12/09/2025**.

**Aim / Purposes: - Nomination for Smart India Hackathon-2025**

**Objective: - Through this competition students can Harness Creativity & Expertise of the student Spark institute-level hackathon Build funnel for 'Startup India' campaign Develop hands-on experience through a case Crowd source solutions for improving governance and quality of life Provide opportunity to citizens to provide innovative solutions to India's daunting problems.**



## Faculty Publication

- Prof. Dr. K. P. Adhiya, Shital Nana Patil, Hitendra D. Patil, Prashant G. Patil published a paper on Densenet-201 for Skin Melanoma Classification: A Comprehensive Performance Evaluation and Analysis, International Research Journal of Multidisciplinary Scope (IRJMS), ISSN (O):2582-631X, on October 2025. Volume: 5, Issue: 4.
- Dr. K. P. Adhiya, Mayur Jagdish Patil, published a paper on Secured VANET: an improved COOT-algorithm-based optimal routing protocol with multiple authentication and fake message detection for secure data transmission, Wireless Network, The Journal of Mobile Communication, Computation and Information on March 2025. Volume: 31, Issue: 3.
- Dr. A. D. Waghmare, Niki Nikam published a paper on Group Face Recognition System on International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930 on April 2025. Volume: 09, Issue: 04.
- Dr. P. H. Zope, Manisha K. Bhole published a paper on Review on Advanced Automation Using Artificial Intelligence, Machine Learning and Deep Learning on International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930 on Mar 2025. Volume: 09, Issue: 03.
- Dr. P. H. Zope, Punam J. Patil published a paper on Predictive Maintenance: Evolution, Purposes and Approaches for Industrial Systems - A Comprehensive Review, International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930 on Mar 2025. Volume: 09, Issue: 03.

# Result Analysis of Dec 2025 University Examination

Class	Number of Students Appeared	Number of Students ALL Clear	% of ALL Clear
S.E Comp.	191	114	59.7%
T.E. Comp	206	161	78.16%
B.E. Comp	200	177	88.5%

## S.E. Computer Toppers

Name of the Student	SGPA
RAMCHANDANI DIYA SHANKAR (KAVITA)	9.00
YEOLE PAYAL SATISH (BHARATI)	9.00
CHANDWANI OM SUSHIL (KAMYA)	8.81
KOLHE SNEHAL HARI (MANISHA)	8.82
GUJRATHI PALAK SACHIN (KAVITA)	8.81
SHAIKH ZUNERA AMBER WAJID (NASRIN BANO)	8.76
BAND ANIKET YOGESH (KIRAN)	8.67
CHAUDHARI AAYUSH JIVAN (SWAPNALI)	8.62
FUSE SUJATA GOKUL (CHHAYABAI)	8.57
DURGE DHANADA PRASAD (SUJATA)	8.57

## T.E. Computer Toppers

Name of the Student	SGPA
PATIL MEGHA MANOJ(SUVARNA)	9.14
CHAVHAN REVA VASUDEV(JYOTI)	8.86
PATIL ABHIJEET GIRISH(APARNA)	8.86
CHAUDHARI SEJAL CHHOTU(NANDINI)	8.86
PARDESHI KEERTI KADUBA(VANDANA)	8.86
DHANDE LINA SUNIL(SONALI)	8.76
BADGUJAR PRANJAL LALIT(RUPALI)	8.71
KHEWALKAR BHAGYASHRI ANANT(SHUBHANGI)	8.71
CHAUDHARI PUJA SUBHASH(DIPALI)	8.71
PATIL RANJANA DNYANESHWAR(SUNITA)	8.71
PATIL JAYASHREE GAJENDRA(JYOTI)	8.67

## B.E. Computer Toppers

Name of the Student	SGPA
JADHAV ANJUSHA JAGDISH(ARCHANA)	9.71
PATIL AAKANKSHA PRAMOD(PRATIBHA)	9.71
MAHAJAN BHAGYASHRI SANJAY(PAPILA)	9.71
PATIL VEDIKA EKNATH(ANITA)	9.57
PATIL DHANASHRI KAILAS(RINA)	9.43
SONAWANE AJAY DEVIDAS(RATNA)	9.43
WANKHEDE JAGRUTI KAILAS(VAISHALI)	9.29
DHAKE NISHA PARIKSHIT(KOKILA)	9.29
FULE KUSH BHARAT(SANGITA)	9.29
JOSHI DARSHANA JAYKISAN(MANISHA)	9.24

# Newsletter Editorial Committee

## **Newsletter Editor-in-chief:**

Dr. Manoj E. Patil, HoD

## **Newsletter Editor:**

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Miss. Mayuri R. Chandratre Assistant Professor

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