



## 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 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.

- Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 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 one's 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	Package in Lakh	No of Students selected
1	TCS	3.36	6
2	Accenture	4.5	9
3	Cognizant	4.5	11
4	TechMahindra	4.5	1
5	WIPRO	3.5	5
6	Infosys	3.6	8
7	IBM	4.5	1
8	Capgemini	3.00	6
9	Bitwise	3.0	1
10	Mindtree	3.5	2
11	AtoS Syntel	3.4	3
12	Thinkitive Technologies	3.2	1
13	Zieta Technologies	3.0	1
14	MITR	2.4	1
15	Dhoot Transmission	1.80	39
16	Mphasis	2.5	2
17	QSpiders	2.8	3
18	Datametica	2.8	1
Total			101



## Placement Brochure

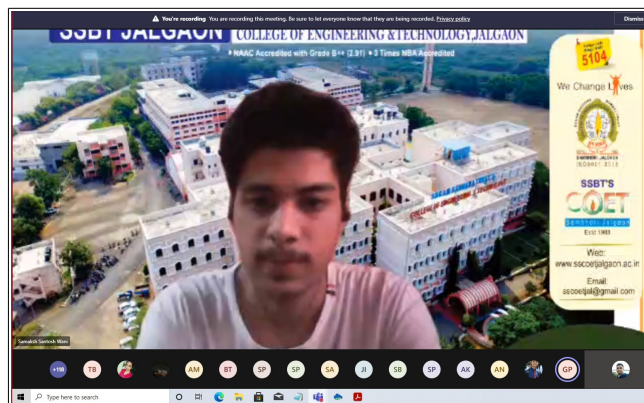
Department of Computer Engineering prepared and circulated placement brochure to esteemed software companies containing students details of final year students su-

ch as HomePage URL, CGPA, Email Id and Contact number. It helped to increase graph of placement in Computer Department. ■



## Webinar on Mentoring session for Hackathon

Department of Computer Engineering, has organized on day Webinar on Mentoring session for Hackathon on 26 June 2021. The aim of the event is to provide a platform that is by the students and for the students, where peer learning is instrumental for quality development. Objective of the webinar is to focus on preparation of Hackathon and encourage students to participate in events at National and International level. Total 30 students of Department of Computer Engineering participated in this webinar. In this webinar, one online session was conducted through Microsoft Teams. Resource persons for the sessions were Samaksh Wani and Gopal Agrawal, winners of SMART INDIA HACKATHON 2020.



Mentoring session for Hackathon



## Webinar on Insights into Hackathon

Department of Computer Engineering, in association with Internal Quality Assurance Cell(IQAC) and Computer Engineering Students Association (COESA) of SSBT's College of Engineering and Technology, Bambhori, Jalgaon - 425 001(MS) has organized Three-day Webinar on Insights into Hackathon on 11th, 12th and 13th May, 2021. The aim of the event is to provide a platform that is by the students and for the students, where peer learning is instrumental for quality development. Objective of the webinar is to focus on insights into Hackathon and encourage students to participate in events at National and International level.

Total 915 students of SSBT's College of Engineering and Technology, Bambhori, Jalgaon 425 001(MS) participated in this webinar. In this webinar, FIVE online sessions were conducted through Microsoft Teams. Resource persons for the sessions were SPOC(Hackathon) and the winners of SMART INDIA HACKATHON 2020.

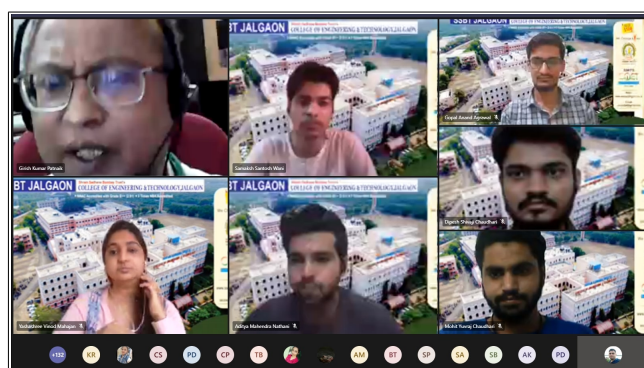
At the end of the Three-day sessions, online feedback was collected from the attendees. As per the feedback received, 46 percent of attendees stated that 100 percent of the information delivered during the sessions was useful and 41 percent of attendees stated that 75 percent of the information was useful.

As compared with their expectations, 35 percent attendees remarked as Excellent and 46 percent remarked as Very Good. Around 23 percent attendees expressed their level

of satisfaction as Very Satisfied with the question answers during the sessions and 63 percent expressed as Satisfied. 91 percent students expressed their overall experience as Good and above.

Outcome of the webinar is that around 45 percent attendees have expressed their willingness to use the information provided immediately, and 42 percent attendees in next 2 - 3 months.

As per the feedback received, 49 percent attendees strongly agree that such events should be organized and 48 percent attendee agree. Based on the feedback, the organizers strongly believe that such events should be organized in future



Insights into Hackathon



# MILESTONE2K21

The MILESTONE is a technical event organized by our institute every year since 2004-05. This event drives the different activities such as Paper Presentation, Poster Presentation, and different departmental activities.

The main purpose of organizing various events under MILESTONE is to provide platform to the students from various disciplines such as Engineering, Pharmacy and Management, etc. It needs to bring diversified disciplines to come at a common platform to exchange their expertise, express their ideas, and share their knowledge, experiences and to evolve the track for navigating the innovative thinking. The MILESTONE-2K21 was the firm step for navigating the future ideas.

SSBT's College of Engineering and Technology, Bambhori, Jalgaon has organized the technical event MILESTONE-2K21 on 25-06-2021 in online mode due to Covid-19 pandemic. We had Prof. B. V. Pawar, Pro Vice - Chancellor (Acting), Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon as the Chief Guest for this event

Computer Department organized Codethon, Poster Presentation and paper presentation in which 106 students participated.



**Inaguration of Milestone2k21**



## Workshop/FDP/STTP Attended

- Mr. Satpal Singh Rajput has attended workshop of AICTE Training And Learning (ATAL) Academy on Recent trends in software testing, organized by VGEC, Chandkheda during 12-06-2021 to 16-06-2021
- Mr. Satpal Singh Rajput has attended workshop of AICTE Training And Learning (ATAL) Academy on Creating Innovation and Start-ups' with Internet of things during 07-06-2021 to 11-06-2021  
Mr. Satpal Singh Rajput has attended workshop of AICTE Training And Learning (ATAL) Academy on Photonics during 08-02-2021 to 12-02-2021
- Mr. Sandip S. Patil attended workshop of AICTE Training And Learning (ATAL) Academy on Data science and Machine Learning with python, organized by Manipal University during 05-07-2021 to 09-07-2021
- Mr. Sandip S. Patil attended workshop of AICTE Training And Learning (ATAL) Academy on - Machine Learning and its Application, organized by

Dr. Harisingh Gour University during 21-06-2021 to 25-06-2021

- Mr. Sandip S. Patil has attended 5 days STTP on Machine Learning and Data Science, organized by GHRIBM Jalgaon during 20-04-2021 to 24-04-2021
- Mr. Sandip S. Patil has attended One-week STTP on Advance electronics Application in Electrical Power System, organized by GCOE, Jalgaon during 22-03-2021 to 26-03-2021
- Mr. Akash Dnyandeo Waghmare has attended One Week AICTE Training and Learning (ATAL) Academy Online FDP on Artificial Intelligence during 04-01-2021 to 08-01-2021
- Ms. Dhanashree S. Tayade has attended One Week Online Faculty Development Program on Research Trends in Computer Engineering and Information Technology (RTCEIT-2021) during 04-01-2021 to 09-01-2021



## Result Analysis of December 2018 University Examination

Class	Number of Students Appeared	Number of Students ALL Clear	% of ALL Clear
S.E.	151	150	99.33
T.E.	150	150	100
B.E.	137	135	98.54



### S.E. Computer Toppers

Name of the Student	SGPA
Lule Yogini Ravindra(Kalpana)	9.95
Pande Piyush Ashish (Rekha)	9.91
Jawale Gayatri Chandan(Harsha)	9.90
Attarde Prerana Yogendra(Sugandha)	9.88
Patil Bhagyashri Pradip(Jyoti)	9.88
Jethani Indra Lakhiram(Sangeeta)	9.86
Badgujar Kirti Jitendra(Bharti)	9.85
Yewale Khushabu Hemaraj(Yogita)	9.85
Patil Gayatri Atul (Poonam)	9.83
Zope Priya Pradip (Prachi)	9.83
Ahire Priti Dilip (Manisha)	9.83



## T.E. Computer Toppers

Name of the Student	SGPA
Chinchole Chaitali Sanjay (Nalini)	9.71
Bhojwani Tannu Ravikumar (Simran)	9.7
Mahajan Aishwarya Mohan (Sangita)	9.7
Chaudhari Prajakta Pravin (Sunita)	9.67
Wani Saurabh Vinod (Archana)	9.61
Nimbalkar Tejaswini Ramesh (Ranjana)	9.6
Bharambe Pushkar Bhanudas(Vaishali)	9.56
Saba Fatema Arif Khan (Yasmin)	9.52
Deshpande Ambika Nandkishor (Aasha)	9.46
Koli Dhiraj Dilip (Sangita)	9.36



## B.E. Computer Toppers

Name of the Student	SGPA
Patil Mrunal Anil (Sushama)	9.17
Mahajan Rachana Dhananjay (Pratibha)	9.11
Koparkar Gauri Ashok (Anagha)	9.04
Nhavi Ashwini Balkrishna (Anita)	9.02
Shah Shruti Sandip (Aarti)	8.99
Saraf Anushri Santosh (Sonali)	8.99
Jawale Shrutika Sunil (Shradha)	8.97
Baviskar Sayali Dinesh (Charushila)	8.97
Pandey Neha Kumari (Kumud)	8.94
Patil Pragati Vinod (Sangita)	8.94





# Newsletter Editorial Committee

**Newsletter Editor-in-chief:**

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