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

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

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

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

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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 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.
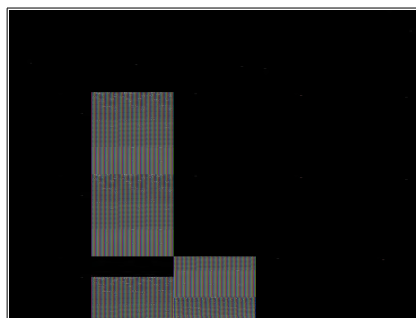
Gandhi Jayanti Celebration

2nd of October is celebrated every year in the country as Gandhi Jayanti to commemorate the birthday of the Father of the Nation Mohandas Karamchand Gandhi. This day is celebrated as the International Day of Non Violence as Gandhiji was the preacher of non violence. He is a symbol of peace and truth.

This day was celebrated by the students and faculty members of Computer Department and on this occasion, the students participated in various events organized for them.

In the department Singing and

Poetry competition was organized and the topic for the Singing and Poetry was Patriotism . A large number of students participated in this event.

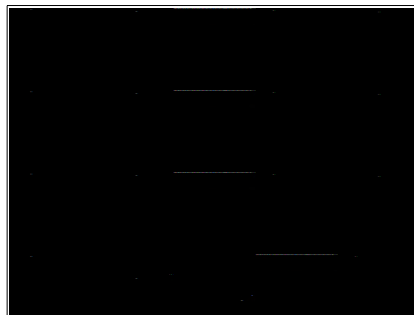**Poetry and Singing on the occasion of Gandhi Jayanti**

Campus Placement

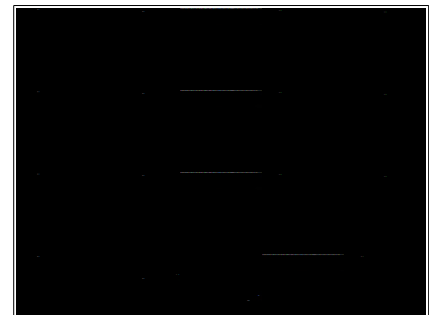| Sr.No	Name of Company	Package in Lakh	No of Students selected
1	TCS	3.6	6
2	AGS Tranact Tech. Ltd	1.8	6
3	Parametrix	3.0	1
4	eZEST	3.0	2
5	Infosys	3.6	5
Total			20

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Teacher Day Celebration

In India, 5th September is celebrated as Teachers' Day as a mark of tribute to the contribution made by teachers to the society. 5th September is the birth anniversary of a great teacher Dr Sarvepalli Radhakrishnan, who was a staunch believer of education and was a well-known diplomat, scholar, the President of India and above all, a teacher.

Welcome speech by Rohan Bhavsar

Teacher day celebration

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MOU

MOU is signed between Santronix Computers Jalgaon and SSBT's College of Engineering and Technology Bambhori, Jalgaon on date 8th Sept 2019 for three years. The objective of this MOU is to increase the interaction with industry trough training, industrial visit and consultancy.

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Successful Completion of M.E. Degree

Following students have completed their M.E. Computer Science & Engineering degree course.

- Priyaka L. Patil
- Anita Patil

The students have successfully defended their M.E. dissertation oral held on Sept 14, 2019. Dr. K.P.Wagh, Professor, Government Engineering College, Amaravati was the examiner.

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Fresher Party

Fresher's Party was organized by S.E. Computer on September 28, 2019 to welcome F.E. Computer students. It provided a wonderful platform not only to interact with the newly admitted students but also an opportunity to showcase their talent in extra-curricular activities. Prof. (Dr.) G. K. Patnaik, Head, Department of Computer Engineering, briefed about the department and highlighted achievements and strengths of the department. Prof. (Dr.) K. P. Adhiya and Mr. Sandip S. Patil expressed their views and welcomed the newly admitted students. All faculty members and students of F.E. and S.E. participated whole heartedly in the event.

Mr.Fresher Abhay Garunge

Welcome Speech by HOD Computer

Miss. Khushbu Bendale
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Workshop/FDP/STTP Attended

- Sandip Patil attended FDP on Artificial Intelligence from Dec. 2nd to 6th 2020 Organized by ATAL Academy IIIT Vadodara

- Yogeshwari Borse attended One week FDP on Machine Learning with IoT, fom 16th December to 20th December 2019, organized by Department of Computer Engineering Department of Information technology Rajiv Gandhi institute of Technology, Mumbai,
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Avishkar-2019

AVISHKAR is research convention that provides the platform to exhibit innovative ideas, original thinking, scientific attitude and creativity.

Mr.Sandip S. Patil, Associate Professor of Computer Engineering Department presented a research poster at university level AVISHAKAR-2019 at KBC North Maharashtra University Jalgaon on 7th and 8th December 2019 achieved First Prize.

His poster got selected for 14th Maharashtra State Level Inter-University Research Convention held at University of Mumbai on 28th to 31st January 2020.

Mr. sandip Patil: Participation in AVISHKAR2019

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Research Publications

- Bhole, Ashish T., Dr. Manoj E. Patil and Dr. Girish Kumar Patnaik. Performance Improvement of Channel in Wireless Cellular Networks In 2019 International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management ICGTSTHCM19, Jalgaon, India, pp. 167-170, 28-30 Dec 2019. ISBN: 978-93-88544-95-5

- Dinesh D. Puri and Dr. G. K. Patnaik, DFA Space Minimization in Regular Expression matching For Network Security, International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management ICGTSTHCM December 28-30, 2019 Jalgaon, PP 184 to 186, ISBN No: 978-93-88544-95-5

- Aakash . D. Waghmare and Dr. G. K. Patnaik, Systematic Literature Review of Blockchain Applications in Different Domains, Challenges and Opportunities, International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management ICGTSTHCM, December 28-30, 2019 Jalgoan, PP 180to 183, ISBN No: 978-93-88544-95-5

- Shital Abhimanyu Patil, Dr. K.P. Adhiya, Yogeshwari Borse, Rewiew of Sentiment Analysis Technique, in International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management ICGTSTHCM19, organized by SSBT College of Engineering and Technology, Bambhori-Jalgaon, during 28 to 30 December 2019.

- Ankita Mandore , Dr. K.P. Adhiya, Techniques for tracking the users interest on Socail Media: A Survey, in International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management ICGTSTHCM19, organized by SSBT College of Engineering and Technology, Bambhori Jalgaon, during 28 to 30 December 2019

- Sandip S. Patil and Tejas Bhaise, A survey on Automatic Question Paper Generation System, is presented and published in proceeding of International Conference on Global Trends in Engineering, Technology and Management on 28th to 30th December 2019 at SSBT College of Engineering and Technology, Bambhori Jalgaon

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Result Analysis of December 2019 University Examination

Class	Number of Students Appeared	Number of Students ALL Clear	% of ALL Clear
S.E.	140	97	69.28
T.E.	151	124	82.11
B.E.	142	117	82.39

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S.E. Computer Toppers

Name of the Student	SGPA
BHOJWANI TANNU RAVIKUMAR (SIMRAN)	9.7
WANI SAURABH VINOD (ARCHANA)	9.5
MAHAJAN AISHWARYA MOHAN (SANGITA)	9.45
SABA FATEMA ARIF KHAN (YASMIN)	9.3
SHAIKH ANAM KAUSAR RIZWAN (ANISA)	9.3
BHARAMBE PUSHKAR BHANUDAS (VAISHALI)	9.2
PATIL PRITI VILAS (SARALABAI)	9.2
TAYADE PRATHAMESH RAVINDRA (ARCHANA)	9.2
NIMBALKAR TEJASWINI RAMESH (RANJANA)	9.15
PATIL ACHAL DNYANESHWAR (JYOTI)	9.05
WADILE DHANASHRI NILKANTH (MANISHA)	9
DESHPANDE AMBIKA NANDKISHOR (AASHA))	8.95
RAJPUT PRUTHVIRAJ DINESHSING (MANISHBAI)	8.95
SHINDE SANSKRUTI DIPAK (MADHURI)	8.85

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T.E. Computer Toppers

Name of the Student	SGPA
PATIL MRUNAL ANIL (SUSHAMA)	9.19
BAVISKAR SAYALI DINESH (CHARUSHILA)	9.05
KOPARKAR GAURI ASHOK (ANAGHA)	9
MAHAJAN DIPIKA SANJAY (PAPILA)	9
WANI SAMAKSH SANTOSH (KUMUD)	9
CHANDWANI REEMA SUSHIL (KAMYA)	8.95
PATIL PRAGATI VINOD (SANGITA)	8.86
SARAF ANUSHRI SANTOSH (SONALI)	8.81
WANI TEJAL NITIN (SWATI)	8.81
PATIL CHAITALI ANIL (SAVITA)	8.81
MAHAJAN RACHANA DHANANJAY (PRATIBHA)	8.76
PATIL POOJA VINAYAK (ASHA)	8.76
BHOLE SAYALI SOPAN (DIPALI)	8.76
JAWALE SHRUTIKA SUNIL (SHRADHA)	8.71
PAWAR TEENA MUKESH (VIJAYA)	8.71
MAHAJAN YASHASHREE VINOD (YOGESHWARI)	8.71
BAGUL DHANANJAY SUDHIR (RANJANA)	8.71
NHAVI ASHWINI BALKRISHNA (ANITA)	8.62
JANGID MONIKA SHRIPAL (SAROJ)	8.62
PATIL PRACHI DILIP (LATA)	8.62
PANDEY NEHA KUMARI (KUMUD)	8.57

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B.E. Computer Toppers

Name of the Student	SGPA
PATIL SAYALI ONKAR (JAYASHREE)	9.35
PATIL SNEHA SUDHIR (SANGITA)	9.22
NARKHEDE RUCHA LILADHAR (SUCHITA)	9.17
KULKARNI PRAJAKTA ANANT (SANGITA)	9.13
PATIL NIKITA SUNIL (SUSHAMA)	9.13
PATIL DURGA ANANDA (SANGITA)	9.09
ZOPE SAPANA ANIL (SUSHAMA)	9.04
CHAUDHARI CHINMAYI MILIND (ALPA)	8.96
PATIL VARSHA PANJABRAO (NANDINI)	8.96
PATIL PRACHI VILAS (SWATI)	8.91
CHAUDHARI RADHIKABEN MOHANBHAI (ROHINI)	8.74
JADHAV DEVENDRA NARENDRA (UJWALA)	8.74
PATIL ANKITA JITESH (SANGITA)	8.65

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Newsletter Editorial Committee

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Contact Details

SSBT's College of Engineering & Technology,
Bambhori, Post Box No. 94, Jalgaon - 425001 (M.S.)
Tel.: 0257 - 2258393 / 94 / 95
Fax: 0257 - 2258392
Email: patnaik.girish@sscoetjalgaon.ac.in
Website: www.sscoetjalgaon.ac.in

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