

Shram Sadhana Bombay Trust's **COLLEGE OF ENGINEERING & TECHNOLOGY** BAMBHORI, JALGAON

DEPARTMENT OF COMPUTER ENGINEERING

ABOUT NEWS LETTER

SSBT's COET, Department of Computer Engineering is proud to publish its NEWS LETTER 2017-18 (Vol. VI, Issue – II).

The objectives of this News Letter is to keep our Students, Parents, Faculty and Industry informed about the activities happening in the Department.

Through this half yearly publication, we hope to engage our various stakeholders in building the network among themselves.

We hope you enjoy it!

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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 SHEKHAWAT
Chairman & Managing Trustee
Shram Sadhana Bombay Trust



Prof. Dr. K. S. Wani
Principal
SSBT's COET, Bambhori, Jalgaon



Prof. Dr. G. K. Patnaik
Head
Computer Engineering Department
SSBT's COET, Bambhori, Jalgaon

Chairman's Message...



We have a vision to build up excellent centre of technical education coupled with industrial interaction. This will be structured with the academic excellence that the institution has set for itself. The Institute organizes programs that highlight the fundamental values in life directing its students to achieve excellence in their respective fields. The green campus extends career building opportunities for more than 800 students every year. Highly qualified and well experienced faculties mould and mentor the students for prospective careers. We have a very dedicated group of faculty & Staff who works together to spread the quality knowledge.

These staff members bring an immense amount of talent, resources and experience to the table for benefit of SSBT College of Engineering & Technology. As a part co-curricular and extracurricular activities we conduct state level and intercollegiate level seminars and workshops; encourages students to participate in technical paper presentation contests; organize lectures by experts from leading industries etc. SSBT aims at not only educating the young to be successful Engineers, Managers and Entrepreneurs but also to churn out socially responsible human beings of tomorrow. I convey my best wishes to all the students and their parents for a successful future and good education.

From Principal's Desk ...



The current scenario in the local, national and international level is of intense competition with equal opportunity to all. The world has grown phenomenally in the past decade than ever before. Education which has always played an important role in the life of man has gained a lot of importance. In the present times it is not only, 'what you have' but 'how much you know' determines your success.

Here in our college we believe in 'shram sadhana' i.e. karm yoga & this value we inculcate in our students. Our college is having 8 UG Programs & 5 PG programs in engineering, a M.B.A. & 05 Ph.D. Programs.

We have the best of staff, faculties & facilities to impart technical excellence to our students who will be the architects of technological development & Society.

The college gives due importance to

co-curricular and extra-curricular activities. Our students excel in intercollegiate and University' competitions in extra-curricular events. College also conducts personality development programs, guest lecturers in general and technical areas for continuous improvement of students and faculty.

Training and placement department of our college helps students in making them aware about the various job opportunities in their respective fields with the aid in applying for the jobs and conducts campus interviews to recruit them when they are in final year of their graduation.

Our aim is to impart the best of the knowledge and technical knowhow to our students with required inputs, and the desire and ability to learn, lead and excel to make them responsible and respected citizens of India. We will be pleased if we receive any suggestion regarding our improvement.

VISION of SSBT's COET

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

MISSION of SSBT's COET

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 students.

SSBT's COET at a Glance

SSBT's College of Engineering & Technology is an Engineering College governed by Shram Sadhana Bombay Trust (SSBT). It is a college with long tradition of imparting excellence in education.

- It is included under section 2(f) and 12(B) of UGC act 1956.
- QMS of College confirms to ISO 9000:2008.
- Approved by All India Council for Technical Education (AICTE), New Delhi.
- Permanent affiliation to N.M.U., Jalgaon.
- NBA Accredited from last 10 years.
- A Grade by N.M.U., Jalgaon
- Grade B++ (2.91) NAAC Accredited
- Awarded Best Engineering College of Maharashtra by Engineering Education Foundation, Pune.
- Engineering Education Excellence Award-2015 by Indo Global Chamber of Commerce Industry & Agriculture, Pune.

ABOUT DEPARTMENT

Computer Engineering, anchored in computer science and engineering design, advances humankind by improving the underlying digital hardware, computing networks, and software systems that impact our everyday lives. The way we live, work and play in our technology-driven, interconnected world is largely influenced by the ideas and actions of computer engineers. With the rapid development of hardware components, communication systems and software, there is a demand for computer engineers. It provides an opportunity to work in the continuously changing technology sector. The career outlook is great for computer engineers.

The computer industry is one of the fastest growing segments of our economy and that growth promises to continue well into the next century. Thus, computer engineering is one of the fastest growing career fields in the world. Computer engineers work in almost every industry starting from healthcare and gaming to banking and online shopping. They might find themselves in a variety of environments in academia, research, industry, government, private and business organizations – analyzing problems for solutions, formulating and testing, using advanced communications, or working in teams for software development.

Computer Engineers are responsible for designing, developing, implementing and testing computer-based hardware and software. Computer engineering encompasses a wide range of topics including operating systems, computer architecture, networking technology, software engineering, compiler design, artificial intelligence, database design, data mining, embedded systems etc.

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 digital 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.

VISION OF DEPARTMENT

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

MISSION OF DEPARTMENT

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

SALIENT FEATURES

- There are 10 different Laboratories for UG and 2 different Laboratories for PG in our Department.
- Adequate numbers of Computers in College and department.
- Current Investment on Computer Department : Rs. 1,22,11,389/-.
- Adequate number of system software packages.
- Adequate number of application software packages.
- Peripherals/ Printers in College: Printers: 85, Scanners: 09
- Internet Accessibility with Fortigate UTM security Device: 60 Mbps Tata Leased Line
- Microsoft Campus Agreement
- Departmental Library consisting of more than 500 books & magazines
- Exquisite Collection of various Technical Subject Books and Subscription to latest Computer Magazines
- Extra Practical Timing for Practice and review

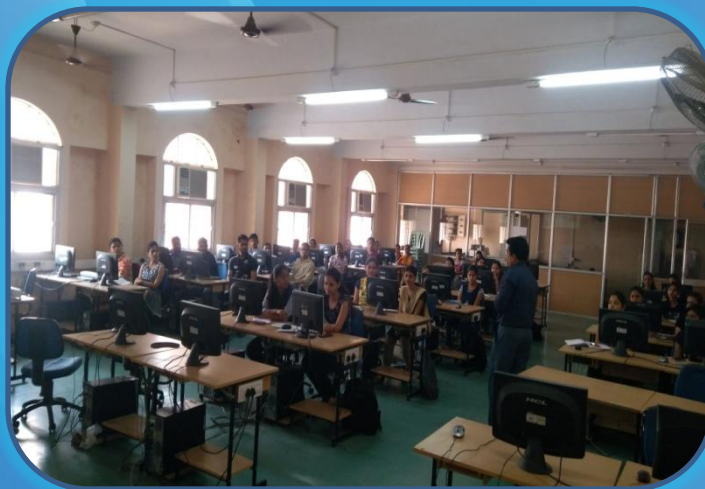
FACULTY PROFILE

Sr. No.	Faculty Name	Designation	Email-Id
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3	Mr. Manoj E. Patil	Associate Professor	patil.manoj@ssoetjalgaon.ac.in
4	Mr. Ashish T. Bhole	Associate Professor	bhole.ashish@ssoetjalgaon.ac.in
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23	Ms. Pooja Shinde	Assistant Professor	poohnov@gmail.com
24	Mr. G. N. Patil	Hardware Engineer	patil.gajanan@gmail.com

ADD-ON COURSES ORGANIZED



Ms. Shital Patil, Ms. Dhanashree Tayade, Ms. Priti Sharma, Ms. Sweta Pandey & Ms. Pooja Shinde from Department of Computer Engineering conducted Two Days Add-On Course on “**Ruby Language**” for BE Computer Engineering Students during 28/02/2018 to 01/03/2018 between 11:00 am to 06:00 pm at Department of Computer Engineering, SSBT’s COET, Bambhori, Jalgaon.



Mr. Sandip S. Patil & Mr. Naresh Kale from Department of Computer Engineering organized Two Days Add-on Course on “**Data Mining Tools**” for BE Computer Engineering Students during 18/08/2017 to 19/08/2017 during 28/02/2018 to 01/03/2018 between 11:00 am to 06:00 pm at Department of Computer Engineering, SSBT’s COET, Bambhori, Jalgaon.

ADD-ON COURSES ORGANIZED



Class BE Students from Department of Computer Engineering organized Two Days Add-on Course on **“Android Programming”** for TE Computer Engineering Students during 28/02/2018 to 10/03/2018 between 11:00 am to 06:00 pm at Department of Computer Engineering, SSBT’s COET, Bambhori, Jalgaon.

MILESTONE – 2K18



Students from Department of Computer Engineering participated in **“MILESTONE – 2K18”** the **“National Level Student Paper Presentation”** competition organized by SSBT’s College of Engineering & Technology under Indian Society For Technical Education (ISTE) Student Chapter on Saturday, 17th Feb., 2018

PMKVY-TI COURSE



Department of Computer Engineering conducted Certificate Course on “Field Technician – Computing & Peripherals” for a batch of 25 students under “Pradhan Mantri Kaushal Vikas Yojana” during Jan., 2018 to May 2018. Delegates of EVC Committee from AICTE visited Department on 01/08/2018.

Mr. Sandip S. Patil, Mr. Dipak Bage, Mr. Dinesh Puri, Ms. Dhanashree Tayade, Ms. Archana Shinde, Mr. Satpalsing Rajput & Mr. Harshal Kotwal from Department of Computer Engineering Coordinated the Course.

केंद्रीय स्मार्ट इंडिया हॅकेथॉन स्पर्धेमध्ये एसएसबीटीच्या दोन प्रकल्पांची निवड

निवड झालेल्या प्रकल्पांमध्ये १२ विद्यार्थ्यांचा सहभाग

प्रतिनिधी | जळगाव

केंद्र शासनाच्या स्मार्ट इंडिया हॅकेथॉन - २०१८च्या स्पर्धेतून अंतिम फेरीसाठी जळगाव येथील एसएसबीटी अभियांत्रिकी महाविद्यालयाच्या संगणक विभागातील दोन प्रकल्पांची निवड झाली आहे. यात १२ विद्यार्थ्यांचा समावेश आहे. मानव संसाधन विकास मंत्रालय, अखिल भारतीय तंत्रशिक्षण परिषद, आंतर संस्थागत समायोजी नवाचार केंद्र आणि पॅसिस्टंट सिस्टिम्स या संस्थांच्या माध्यमातून या वर्षी 'स्मार्ट इंडिया हॅकेथॉन-२०१८' या उपक्रमाची दुसरी आवृत्ती सादर करण्यात आली आहे. यात 'ई मेल डॅशबोर्ड तयार करणे' आणि 'पेन ड्राइव्हसाठी डिझाईनेसची श्वेत सूची' जे इंटरनेटवर तसेच इंटरनेटवर वापरता येईल' या दोन समस्या विधानांसाठी विद्यार्थ्यांची वेगळी वेळे ३० व ३१ मार्च २०१८ दरम्यान अंतिम फेरी होते आहे. यासाठी प्रथम चाळणी नंतर एस. एस. बी. टी. अभियांत्रिकी महाविद्यालयातील दोन प्रकल्पांची निवड झाली आहे. प्रकल्पात निवड झालेल्यामध्ये खान्देशातील एकमेव महाविद्यालय आहे. प्राचार्य डॉ. के. एस. वाणी, संगणक विभाग प्रमुख प्रा. डॉ. जी. के. पटनईक यांनी निवड झालेले विद्यार्थ्यांना मार्गदर्शक केले असून त्यांच्या निवडीचे कौतुक केले आहे.



केंद्र शासनाच्या स्मार्ट इंडिया हॅकेथॉन स्पर्धेच्या अंतिम फेरीत निवड झालेल्या एसएसबीटी महाविद्यालयातील विद्यार्थ्यांसमवेत प्राध्यापक.

असे आहेत प्रकल्प

ई मेल डॅशबोर्ड : प्रा. डॉ. के. पी. अहिरा यांच्या मार्गदर्शनाखाली संगणक प्रमुख प्राची पाटील, अक्षव जहागिरदार, विशाल निकुंभ, शुभम केजरीवाल, रामानुज कावरा व सचिन पाटील या विद्यार्थ्यांनी भारत सरकारच्या संगणक मंत्रालयासाठी ऑनलाइन ई मेल डॅशबोर्ड तयार करण्याची संकल्पना सादर केली. बऱ्याचदा आगल्याला अनावश्यक इमेलस येत असतात. त्या ई मेलला जोडून येणारी माहिती आगल्यासाठी भोकादायक ठरू शकते. त्याचवेळी दिवसेंदिवस ई मेलची संख्या वाढत जाते. निरापयोगी ई मेलच्या संदर्भात आगल्याला कळी करत येत नाही. या सर्व समस्यांवर उपाय म्हणून आधुनिक ई मेल डॅशबोर्डचा सर्वांना चांगल्याप्रकारे लाभ होणार आहे.

डिझाईनेसची श्वेत सूची : सहा.प्रा. संदीप पाटील, दिनेश पुरी व सुरांत चौकर यांच्या मार्गदर्शनाखाली संगणक प्रमुख मझहर अन्सारी, रमेश पाटील, मयूर पाटील, कवीश्वर माहले, प्रियांका मुनोत व अनिरुद्ध बोरसे हे विद्यार्थी काम करत आहेत. ऑईनस फॅक्टरी बॉर्डमध्ये माहितीची देवाण-घेवाण पेन ड्राइव्ह सादरला वाढ उपकरणांच्या माध्यमातून होत असते. अशावेळी अनधिकृत व्यक्ती मार्फत गैरवापर होण्याची शक्यता टाळता येत नाही. यावर उपाय म्हणून विद्यार्थ्यांनी संगणकातील विशिष्ट अशा मॅक पॅड्रेस व दुहेरी प्रमाणीकरण प्रणालीचा वापर करून संभाव्य दुर्घटना आणि गैरप्रकार यावर नियंत्रण मिळवले आहे.



Project titled "Prototype\Application for whitelisting of USB devices which can subsequently used for Internet as well as on Intranet" submitted by Ansari Mazhar, Rakesh Patil, Mayur Patil, Kavishwar Mahale, Aniruddha Borse & Priyanka Munot & another project titled "Creation of Mail Dashboard" submitted by Prachi Patil, Vishal Nikuml, Atharva Jahagirdar, Shubham Kejariwal, Ramanuj Kabra & Sachin Patil of Computer Engineering Department were shortlisted for 'Smart India Hackathon 2018' a pan India 36 hours nonstop digital programming competition organized by Ministry of Defense, Government of India during 30/03/2018 to 31/03/2018.

CONFERENCE ATTENDED BY FACULTY



Faculty of SSBT's COET including Mr. Harshal Kotwal from Department of Computer Engineering attended "**International Conference on Transformation in Engineering Education**" organized by Indo Universal Collaboration for Engineering Education held at Benette University, Noida during 04/01/2018 to 06/01/2018.

FACULTY PARTICIPATION



"Mr. Ashish T. Bhole, Associate Professor has attended GIAN (MHRD, Govt. of India) Sponsored Short Term Course on Cyber Security Trends and Technologies, at Indian Institute of Technology (IIT) , Patna, Bihar between 14th – 18th May 2018. The resource person was Prof. Vijay Varadharajan, Global Innovation Chair in Cyber Security at University of Newcastle, Australia".

TRAINING & PLACEMENT



40 students from Department of Computer Engineering got placement in academic year 2017-18 through Campus Interviews. Students are placed in MNC including Syntel, Brahmasir Technologies, Chandrahas Technology, Mumbai, Profound EduTech, Ample Softech, Doctronic Pvt. Ltd., Yippee Technologies.

LIST OF CLASS TOPPERS

NMU April/May 2018

SE Class Topper Name	Merit No.	SGPA
BARPANDE PRIYANKA KALIDAS (RATNA)	1	9.02
AHUJA SHRADDHA MUKESH (SARITA)	2	9.01
NARKHEDE RUCHA LILADHAR (SUCHITA)	3	8.97
ISHA KRISHNA SHRIVASTAVA (RITA)	4	8.96
PATIL NIKITA SUNIL (SUSHAMA)	5	8.64
PATIL TEJAL SUNIL (SANGITA)	6	8.61
PATEL UZMA RIYAZ (RAISA)	7	8.42
CHAUDHARI CHINMAYI MILIND (ALPA)	8	8.39
BENDALE VINIT KISHOR (VEENA)	9	8.32
THAKUR SURBHI SANTOSH (ANITA)	10	8.26

TE Class Topper Name	Merit No.	SGPA
PARDESHI MADHURI PRAKASHSING (MANDA)	1	9.04
JAYA SURYAWANSHI (ALKA)	2	8.75
JETHWANI HARDEEP BHAGCHAND (ARTI)	3	8.72
PATIL YOGITA SOPAN (MANGALA)	4	8.71
BANGALI POOJA PRAMOD (ARCHANA)	5	8.67
ANSARI KHALID FAISAL MOHD SHAHID (RUMAISSA KHATOON)	6	8.53
KATEKAR NIKITA SUHAS (VANDANA)	7	8.46
BHIRUD SHRADDHA KISHOR (REKHA)	8	8.37
PATIL PRAGATI ANIL (UJJWALA)	9	8.35
MAHAJAN ASHWINI VIJAY (SUREKHA)	10	8.29

BE Class Topper Name	Merit No.	SGPA
PATIL RUPALI BHAUSAHEB (SUSHILA)	1	8.97
BARI SAMPADA KISHOR (NAYANA)	2	8.91
JAGTAP DHIRAJ DEVENDRA (ASHA)	3	8.91
ILA KRISHNA SHRIVASTAVA (RITA)	4	8.77
PATIL ROHINI RAVINDRA (KALPANA)	5	8.76
PRIYANSHU ARORA (RASHMI)	6	8.72
KHODAPE MINAL SANJAY (SANGEETA)	7	8.67
WAGH SHUBHANGI JAGDISH (SUNITA)	8	8.54
PATIL MRUNALI MANOHAR (RANJANABAI)	9	8.41
MAHAJAN PRATIKSHA GOPAL (KALPANA)	10	8.4

RESULT ANALYSIS

April/May 2018 Exam

Sr. No.	Class	No. of Students Appeared	No. of Students ALL CLEAR	% of ALL CLEAR
1	SE	131	97	74.04
2	TE	139	113	81.29
3	BE	145	133	91.72

University v/s Department Result Analysis

April/May 2018 Exam

