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 – I).

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!

INSIDE...

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
Governing Body,
Shram Sadhana Bombay Trust

Prof. Dr. K. S. Wani
Pricipal
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
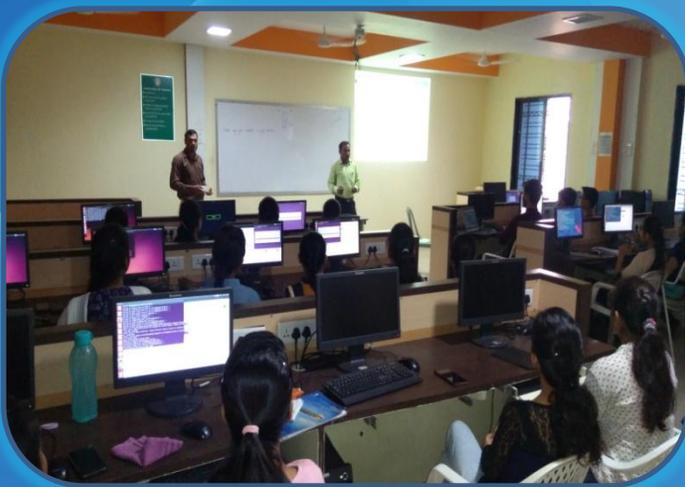- Extra Practical Timing for Practice and review

FACULTY PROFILE

Sr. No.	Faculty Name	Designation	Email-Id
1	Dr. Girish Kumar Patnaik	Professor & Head	patnaik.girish@sscoetjalgaon.ac.in
2	Dr. Krishnakant P. Adhiya	Professor	adhiya.krishnakant@sscoetjalgaon.ac.in
3	Mr. Manoj E. Patil	Associate Professor	patil.manoj@sscoetjalgaon.ac.in
4	Mr. Ashish T. Bhole	Associate Professor	bhole.ashish@sscoetjalgaon.ac.in
5	Mr. Sandip S. Patil	Associate Professor	patil.sandip@sscoetjalgaon.ac.in
6	Mrs. Sheetal Patil	Assistant Professor	patil.shital@sscoetjalgaon.ac.in
7	Mrs. Nilima Patil	Assistant Professor	patil.nilima@sscoetjalgaon.ac.in
8	Ms. Priti R. Sharma	Assistant Professor	sharma.priti@sscoetjalgaon.ac.in
9	Mr. Nitin Y. Suryawanshi	Assistant Professor	suryawanshi.nitin@sscoetjalgaon.ac.in
10	Mr. Dipak D. Bage	Assistant Professor	bage.dipak@sscoetjalgaon.ac.in
11	Mrs. Yogeshwari Borse	Assistant Professor	borse.yogeshwari@sscoetjalgaon.ac.in
12	Mr. Satpalsing D. Rajput	Assistant Professor	rajput.satpalsing@sscoetjalgaon.ac.in
13	Mr. Dinesh D. Puri	Assistant Professor	puri.dinesh@sscoetjalgaon.ac.in
14	Mr. Akash D. Waghmare	Assistant Professor	waghmare.akash@sscoetjalgaon.ac.in
15	Mrs. Dhanashree Tayade	Assistant Professor	tayade.dhanashree@sscoetjalgaon.ac.in
16	Mr. Harshal R. Kotwal	Assistant Professor	kotwal.harshal@sscoetjalgaon.ac.in
17	Mr. Sushant Bahekar	Assistant Professor	bahekar.sushant@sscoetjalgaon.ac.in
18	Mr. Pravin K. Patil	Assistant Professor	patil.pravink@sscoetjalgaon.ac.in
19	Ms. Sweta Pandey	Assistant Professor	pandey.sweta@sscoetjalgaon.ac.in
20	Ms. Archana Shinde	Assistant Professor	shinde.archana@sscoetjalgaon.ac.in
21	Mr. Paresh D. Sharma	Assistant Professor	paresh7sharma@gmail.com
22	Mr. Naresh D. Kale	Assistant Professor	nareshdkale123@gmail.com
23	Ms. Priyanka Sonawane	Assistant Professor	priyankasonawane593@gmail.com
24	Ms. Suchita Kolhe	Assistant Professor	sucheta.kolhe13@gmail.com
25	Mr. G. N. Patil	Hardware Engineer	patil.gajanan@gmail.com

WORKSHOPS ORGANIZED

Mr. Sushant Bahekar, Mr. Harshal Kotwal & Mr. Pravin Patil from Department of Computer Engineering organized Two Days Workshop on **"Python Programming"** for BE Computer Engineering Students during 18/08/2017 to 19/08/2017 during 11:00 am to 05:30 pm at Department of Computer Engineering, SSBT's COET, Bambhori, Jalgaon.

Mr. Akash Waghmare, Mr. Dinesh Puri, Mrs. Shital Patil, Ms. Dhanashree Tayade, Mr. Nitin Suryawanshi & Ms. Suchita Kolhe from Department of Computer Engineering organized Two Days Workshop on **"R Programming"** for BE Computer Engineering Students during 18/08/2017 to 19/08/2017 during 11:00 am to 05:30 pm at Department of Computer Engineering, SSBT's COET, Bambhori, Jalgaon.

WORKSHOPS ORGANIZED

Dr. Manoj Patil & Mr. Sandip Patil from Department of Computer Engineering organized Two Days Workshop on **"Routing Configuration and Packet Tracer"** for TE Computer Engineering Students during 18/08/2017 to 19/08/2017 during 11:00 am to 05:30 pm at Department of Computer Engineering, SSBT's COET, Bambhori, Jalgaon.

Ms. Sweta Pandey, Ms. Archana Shinde & Ms. Priti Sharma, Mr. Satpalsing Rajput, Ms. Priyanka Sonawane & Mr. Dipak Bage from Department of Computer Engineering organized Two Days Workshop on **"LaTeX"** for TE Computer Engineering Students during 18/08/2017 to 19/08/2017 during 11:00 am to 05:30 pm at Department of Computer Engineering, SSBT's COET, Bambhori, Jalgaon.

CAREER GUIDANCE PROGRAM

Faculty Members from Department of Computer Engineering including Mr. Dinesh Puri, Mr. Satpalsing Rajput, Mr. Sushant Bahekar & Mr. Harshal Kotwal organized Seminar on "Career Opportunities in Engineering Education & Digital India" for HSC Students at various locations including Betawad, Nardana, Shindkheda, Navapur, Khandbara & Visarwadi during 22/11/2017 to 23/11/2017.

The objective of the Seminar was to create awareness among Science Students regarding Engineering Education and career opportunities thereafter.

The importance of Digital India Scheme and its impact on creating employment across IT and Telecom Sector in India was also demonstrated to students through presentations and videos.

Mr. Harshal Kotwal from Department of Computer Engineering participated at **"STARTUP – NATIONAL COMPETITION"** organized by Unnat Bharat Abhiyan, IIT Delhi on 02/12/2017 at Indian Institute of Technology, Delhi.

Ms. Dhanashree Tayade and Mrs. Pooja Shinde from Department of Computer Engineering participated One Week TEQIP Phase-III sponsored Faculty Development Program on **"Data Science & R Programming"** at College of Engineering, Pune during 18/12/2017 to 22/12/2017.

Students of SSBT's COET, Bambhori including Department of Computer Engineering participated in **"National Gandhian Leadership Camp"** organized by Gandhi Research Foundation, Jalgaon on 01/09/2017 during 09:00 am to 02:00 pm at Gandhi Tirth, Jain Hills, Jalgaon.

The great grandson of Mahatma Gandhi, Shri. Tushar Gandhi was chief guest of the program.

Faculty Members from Computer Engineering Department were invited as Judges for "Drama Competition" during Cultural Week at St. Joseph's Convent Senior Secondary School, Jalgaon on 29/11/2017.

FACULTY PUBLICATIONS

Sr. No.	Name of Author(s)	Title of the Paper	Name of the Journal / Conference	ISSN/ ISBN No.	Month – Year
1	Dr. Girish K. Patnaik Dr. K. P. Adhiya	An Efficient Audio Steganography Technique to Hide Text in Audio	IEEE 3rd International Conference on Computing, Communication, Control and Automation (ICCUBEA), 2017, Pune, India		Aug., 2017
2	Dr. K. P. Adhiya	Understanding User's Navigation Behavior Using Web Mining Algorithm	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol. 6, Issue 8, pp. 214-221	ISSN (Online) 2278-1021, ISSN (Print) 2319 5940	Aug., 2017
3	Mrs. Dhanashree Tayade	English-Marathi Cross Language Information Retrieval System	International Journals of Advanced Research in Computer Science and Software Engineering, Volume-7, Issue-8, pp.no. 112-116.	ISSN: 2277-128X	Aug., 2017
4	Mrs. Yogeshwari S.Borse	Geographic Location Based Authentication System	IJIRSET, Vol. 6, Issue 8, pp. 1111-1113.	ISSN(Online): 2319-8753, ISSN (Print): 2347-6710	Aug., 2017
5	Mr. Satpal D. Rajput	Enhancing efficiency of prediction based authentication for vehicle to vehicle communication	International Journal of Advanced research in Computer and Communication Engineering (IJARCCE), Vol. 6,Issue 8,pp.294-307.		Aug., 2017
6	Mrs. Nilima P. Patil	A System to Filter Unwanted Messages using Summarization and Classification techniques	IOSR-journal of Computer Engineering, Volume 19,Issue 5, PP 37-41		Sep-Oct 2017
7	Mrs. Nilima P. Patil	A System to Filter Unwanted Messages from Social Network User Walls	IJIREEICE	ISSN: 2321-5526	Oct., 2017

FACULTY PUBLICATIONS

Sr. No.	Name of Author(s)	Title of the Paper	Name of the Journal / Conference	ISSN/ ISBN No.	Month – Year
8	Ms. Archana Shinde	Natural Language Interface for Java Programming: Survey	IJRITCC, Vol. 5, Issue 11, pp. 17–20,	ISSN-2321-8169	Nov., 2017
9	Mr. Dipak Bage	Study on Implementation of Distributed and High Capacity Hybrid Wireless Network Using Three-hop Routing Protocol	International Conference on Global Trends in Engineering, Technology & Management		Dec., 2017
10	Dr. Girish K. Patnaik	Continuous User Identity Verification Using Biometric	International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.5, Issue 12, Page No pp.505-509		Dec., 2017
11	Dr. K. P. Adhiya	Textual Similarity Detection – A Survey	International Journal of Creative Research Thoughts, Vol. 5, Issue 12, pp. 510-517,		Dec., 2017
12	Dr. Manoj E. Patil	A Review on Implementation of Sandhi Viccheda for Sanskrit Words	International Conference Proceeding ICGTETM Dec 2017	ISSN: 2320-2882	Dec., 2017
13	Mr. Sandip S. Patil	Word Sense Disambiguation for Devnagari Language	International Conference on Global Trends in Engineering, Technology and Management		Dec., 2017
14	Mrs. Nilima P. Patil	Review on Security Protocols in Vanet	International Journal of Innovative Research in Computer and Communication Engineering,Vol. 5 Issue 12		Dec., 2017
15	Mr. Akash D. Waghmare	Study and Review of Hybrid Approach for Privacy Preserving Data Mining	IJCRT	ISSN:2320-2882	Dec., 2017
16	Mr. A. T. Bhole, Ms. Sweta Pandey	A Review on Public Auditing for Data Storage Security in Cloud Computing	IEEE Conference		Dec., 2017
17	Mr. N. Y. Suryawanshi	Two layer Artificial Immue System for Intrusion Detection System	ICTETM-2017		Dec., 2017

STUDENTS' ACHIEVEMENT

Sr. No.	Student Name	Class	Event	Level	Place	Rank
1	Rohini Mahajan	BE	Fencing Competition	State Level	Dondaicha, MH	Participation
2	Shaikh Daniel Aafaq Anjum	TE	Football	University	Bhopal, MP	Participation
3	Arpita Dipak Patil	BE	Volleyball	University	Ratnagiri, MH	Participation
4	Sohail Shaikh	BE	Chess	University Level	Amity University, Noida	Participation
5	Dhanashree Gosawi	BE	Hockey	University		Participation
6	Milind Prasad Mundada	SE	Football	Intercollegiate	Chopada, MH	First

Daniel Shaikh of TE Computer Engineering with his Football Team representing University for Zonal Football Competition at Bhopal, MP

LIST OF CLASS TOPPERS
NMU NOV./DEC. 2017

SE Class Topper Name	Merit No.	SGPA
AHUJA SHRADDHA MUKESH (SARITA)	1 (NMU – 1)	9.39
NARKHEDE RUCHA LILADHAR (SUCHITA)	2 (NMU – 4)	9.26
ISHA KRISHNA SHRIVASTAVA (RITA)	3 (NMU – 6)	9.17
BARPANDE PRIYANKA KALIDAS (RATNA)	4 (NMU – 7)	9.13
BENDALE VINIT KISHOR (VEENA)	4 (NMU – 7)	9.13
PATIL TEJAL SUNIL (SANGITA)	4 (NMU – 7)	9.13
MESHRAM SAMEER RAJENDRA (SAVITA)	5	8.74
PATIL NIKITA SUNIL (SUSHAMA)	6	8.65
PATEL UZMA RIYAZ (RAISA)	7	8.57
INGALE PRATIK SHAILENDRANATH (JYOTI)	8	8.48

TE Class Topper Name	Merit No.	SGPA
JAYA SURYAWANSHI (ALKA)	1 (NMU – 7)	8.7
PARDESHI MADHURI PRAKASHSING (MANDA)	2 (NMU- 8)	8.65
MAHAJAN ASHWINI VIJAY (SUREKHA)	3	8.48
JETHWANI HARDEEP BHAGCHAND (ARTI)	4	8.39
KATEKAR NIKITA SUHAS (VANDANA)	4	8.39
LAMBOLE MAMTA RAVINDRA (LATA)	4	8.39
PATIL PRAGATI ANIL (UJJWALA)	4	8.39
BANGALI POOJA PRAMOD (ARCHANA)	5	8.35
BHIRUD SHRADDHA KISHOR (REKHA)	5	8.35
DHAKE ARATI RAJENDRA (SANDHYA)	6	8.3

BE Class Topper Name	Merit No.	SGPA
BARI SAMPADA KISHOR (NAYANA)	1 (NMU – 2)	9.22
WAGH SHUBHANGI JAGDISH (SUNITA)	2 (NMU – 3)	9.13
KATDARE VAISHNAVI VIVEK (PRATIMA)	3 (NMU – 5)	9.04
PATIL ROHINI RAVINDRA (KALPANA)	4 (NMU – 6)	9
ILA KRISHNA SHRIVASTAVA (RITA)	5 (NMU – 7)	8.96
PATIL JYOTI ASHOK (REKHA)	5	8.96
PATIL RUPALI BHAUSAHEB (SUSHILA)	5	8.96
JAGTAP DHIRAJ DEVENDRA (ASHA)	6	8.91
KHODAPE MINAL SANJAY (SANGEETA)	6	8.91
VARMA RADHA ANIL (LAXMI)	7	8.83

RESULT ANALYSIS
NOV./DEC., 2017 Exam

Sr. No.	Class	No. of Students Appeared	No. of Students ALL CLEAR	% of ALL CLEAR
1	SE	134	83	61.94
2	TE	144	102	70.83
3	BE	145	117	80.69

University v/s Department Result Analysis
NMU NOV./DEC., 2017 Exam

SSBT's COET (Computer Dept.)

NMU