



## SSBT's College of Engineering and Technology, Bambhori Jalgaon (Included under section 2 (f) and 12(B) of the UGC Act, 1956) Grade A (3.14) NAAC Accredited

# potential

Department of Electronics & Telecommunication Engineering

Volume XIV, Issue I

Department Newsletter : Jun – December 2022

### Department Mission

To develop Electronics & Telecommunication Engineers with patriotism and excellence to meet out the irresistible standards par locally and globally.

### Department Vision

The light of progressive knowledge and the brilliance of Electronics & Telecommunication Engineering is chasing the path towards Excellence for achieving an irreplaceable height in the global fraternity.

### Objectives of the Institute

- 1) To impart innovative teaching & learning.
- 2) To provide quality education with futuristic trends in Engineering & Technology.
- 3) To develop the institute as a research centre for academic excellence.
- 4) To ensure continual improvement in quality management system.
- 5) To inculcate social values, patriotism and professional ethics among the students.

### Features

- 1) Experienced & Qualified faculty members
- 2) Twice NBA Accredited
- 3) 10 Labs equipped with all state of art equipments
- 4) Research Lab & 1 UG Computer lab with latest configuration PCs
- 5) MATLAB, Xilinx, CC Studio etc. Software
- 6) NPTEL lectures
- 7) ISTE Student Branch

### SSBT's College of Engineering and Technology 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 A (3.14) NAAC Reaccredited Second Cycle.
- 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

In the establishment year of college 1983, the Electronics Engg. Branch was started & as per the need of time it was converted to Electronic and Telecommunication from academic year 2001. The Department has got the NBA Accreditation by National Board of Accreditation (NBA) Committee constituted under AICTE with effect from 19/07/2008 for 5 Years and re-Accredited for 3 Years from 01-07-2014. Similarly the Institute is Accredited by National Assessment and Accreditation Council (NAAC) with CGPA of 3.14 with "A" grade. During the last 36 years, the department developed the ten well equipped and furnished labs along with Seminar room, Departmental library, separate Departmental Computer Lab with soft wares like MATLAB, XILINX, DSP, ULTIBOARD, ORCAD etc,

The E & TC students association organizes Curricular, Co-curricular, Cultural & Social activities for the overall development of students. The experienced & Qualified faculty, audio-video aids for teaching - learning process, organized visits to the industries, guest lectures of eminent personalities, inclined trend of academic results, rank holders at University level, success of students in competitive examinations & placement of students in renowned industries are some of achievements of the department.

### Salient Features

- **350+ Placement** in the last five years of E&TC Dept. students.
- State of Art **well Equipped Laboratories and Recognized Research Center**
- Dedicated **Highly Qualified and Experienced Faculty**
- Tradition of **Excellent Results** at University Level
- **Expert Lectures and Industry visits** under industry institute interaction.
- **Funding for innovative student projects.**
- Student Participation at **Robocon National Level Competition.**
- Separate departmental Library and computer center with Wi-Fi facility..
- MoU with BSNL, Mass-Tech Pvt Ltd, Electrosoft System and Yippe Technology Pvt. Ltd .

### *Programme Educational Objectives (PEOs)*

**PEO 1. Core Knowledge** - To Built a strong foundation of electronics & telecommunication engineering required to solve engineering challenges.

**PEO 2. Employment/ Continuing Education** - To develop an ability to apply the technical skills for meeting the industrial needs of electronics & telecommunication field as well as academics.

**PEO 3. Professional Competency** - To empower the persona of electronics & telecommunication engineering graduates filled with professional and ethical responsibilities.

### *Program Outcomes (POs)*

- **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)*

- An ability to apply the fundamental concepts and knowledge of core Electronics and Telecommunication engineering subjects for analysis, design and development of various electronics and telecommunication systems.
- An ability to solve complex Electronics and Telecommunication engineering problems using various electronic and telecommunication tools/equipments to demonstrate practical knowledge. .
- Exhibit proficiency and knowledge of interdisciplinary environment in demonstrating the work efficiency for industry and society to achieve a successful career / entrepreneur.

## इलेक्ट्रॉनिक मॅन्युफॅक्चरिंग क्लस्टर

**Pune** : पुण्याजवळ [रांजणगाव](#) (Ranjangaon) येथे इलेक्ट्रॉनिक मॅन्युफॅक्चरिंग क्लस्टर (Electronic Manufacturing Cluster) उभारण्याचा निर्णय केंद्र सरकारने घेतला आहे. केंद्रीय माहिती आणि तंत्रज्ञान राज्यमंत्री राजीव चंद्रशेखर (Rajiv Chandrashekar) यांनी या संदर्भात माहिती दिली आहे. या योजनेतर्गत दोन हजार कोटी रुपयांची गुंतवणूक तर पाच हजार रोजगार निर्मितीचा दावा करण्यात येत आहे.

### पाच हजार रोजगार निर्मितीचा दावा

राज्यमंत्री राजीव चंद्रशेखर म्हणाले, केंद्र सरकारकडून या योजनेला समर्थन मिळत असून आर्थिक निधी देण्यात येणार आहे, स्टार्ट-अपला प्रोत्साहन देण्यासाठी हा प्रकल्प राबविण्यात येत आहे. पंतप्रधान मोदी यांनी सांगितल्याप्रमाणे, कोरोनाच्या काळानंतर

#### Faculty Profile

Sr No	Faculty Name	Designation	Qualification	Experience	Mobile No
1	Dr. M. P. Deshmukh	Professor &Head	Ph.D	32 years	9422276792
2	Dr. V. M. Deshmukh	Associate Professor	Ph.D	30years	9890456078
3	Mr. N. M. Kazi	Assistant Professor	M. E.(E.C.E.)	24 years	9422980311
4	Mr. A. H. Karode	Assistant Professor	M.E.(Digital Electronics)	20 years	9850087247
5	Mr. S. K. Khode	Assistant Professor	M.E.(Digital Electronics)	13 years	8793347891

#### Non Teaching Profile

1	Ms. Rajshri B. Patil	Lab Technician	M.Tech.(VLSI Design)	30 years	9890637759
2	Mr P V Toke	Peon	S.S.C.	24 years	9421684217

**B.E. E&TC Engineering Results (Academic Year 2021-22 Sem-I)**

<b>Year</b>	<b>% of Passing</b>
B.E. E&TC	100%
TE (E& TC)	93.75%
SE( E&TC)	95.23%

**BE. E&TC Toppers**



**MAHAJAN JAYASHRI RAVINDRA**  
**CGPA—9.28**  
**I- (KBCNMU Rank 1)**

**TE. E&TC Toppers**



**RATHORE KARUNA SUBHASH**  
**CGPA—9.71**  
**I- (KBCNMU Rank 1)**



**BHOSALE KETKI VIJAY**  
**CGPA—9.23**  
**II- (KBCNMU Rank 2)**



**NAIR ANANDHU VINOD**  
**CGPA—9.71**  
**II- (KBCNMU Rank 1)**



**Ms. PATIL ROHINI POPAT**  
**CGPA—9.15**  
**III- (KBCNMU Rank 3)**



**JOSHI ATHARV PRADIP**  
**CGPA—9.71**  
**III- (KBCNMU Rank 1)**

## University Results (Academic Year 2021-22)

## SE (E&amp;TC)

Merit No.	Name of the Student	CGPA
1	SONAR FALGUNI PRADIP (MANISHA)	9.7
2	ANKITA NITINSINGH PARDESHI (NEHA)	9.62
3	PATIL PRITI NARENDRA (ASHA)	9.55
4	SHIMPI NIKITA SANDIP (RUPALI)	9.4
5	DUSANE ROHAN GOPAL (NAYANA)	9.35
6	GURAV GAURAV SANDU (MANDABAI)	9.34
7	PATIL VIPIN VANSING (PRATIBHA)	9.32
8	MANTRI PRAGATI GANESH (AARTI)	9.28
9	KHANORE ARNAV SANJAY (SAMPADA)	9.18
9	KULKARNI MITHILESH NITIN (VISHAKHA)	9.18
10	BHORTAKAY MANJIRI PRAFULLCHANDRA	9.15

## TE (E&amp;TC)

Merit No.	Name of the Student	CGPA
1	DESHPANDE SURBHI NILESH (REKHA)	9.51
2	SONONE PIYUSH ASHOK (SAU RATNABAI)	9.42
3	HIVARKAR KOMAL PRAKASH (MANGLA)	9.39
4	RATHORE KARUNA SUBHASH	9.31
5	PRATHYANI GAURAV ANIL (MANJU)	9.26
6	SHIMPI VAISHNAVI NAMDEO (JYOTI)	9.16
7	GUJAR SEJAL JAYESH (SUJATA)	9.04
8	BHAWSAR VAIBHAV MANISH (RINA)	9.03
9	PATIL PRIYANKA INDRAJEET (VAISHALI)	8.97
9	PATIL GUNJAN PARASNATH (VAISHALI)	8.97
10	SALUNKHE PRATHAM SHARAD	8.95

University Results (Academic Year 2021-22)

BE (E&TC)

Merit No.	Name of the Student	CGPA
1	MAHAJAN JAYASHRI RAVINDRA (SARALA)	9.44
2	PATIL ROHINI POPAT (KIRAN)	9.27
3	BHOSALE KETKI VIJAY (TARKA)	9.23
4	MAHAJAN LOKESH SANJAY (POONAM)	9.18
5	BADGUJAR AAYUSHI SANJAY (SAROJ)	9.16
6	PATIL CHANCHAL ANIL (SARIKA)	9.15
7	LULE PUSHPAK SAMADHAN (SHILA)	9.1
8	PATIL DIPTI SURESH (VIJAYA)	9.01
8	NIKAM MANSI SANJEEV (VANDANA)	9.01
9	PATIL PRERANA KIRAN (VAISHALI)	8.97
10	PATIL VARSHA KAILAS (SARLA)	8.96
10	PATIL PARAG BHATU (SANGITA)	8.96

**Newsletter Editor:**

**Dr. V M Deshmukh Asso. Professor**

**Members:**

BADGUJAR PREM EKNATH (BE E&TC)

SALUNKE PRATHAM (BE E&TC)

PARDESHI ANKITA NITIN (TE E&TC)

SHIMPI NIKITA (TE E&TC)

WANI ASHITOSH V. (SE E&TC)



**Smt. Pratibhatai Patil**  
Former President of India  
&  
**Dr. D. R. Shekhawat**  
Chairman, GB



**Shri. Raosaheb Shekhawat**  
Managing Trustee



**Dr. G. K. Patnaik**  
Principal, SSBT's COET



**Dr. M. P. Deshmukh**  
Professor & Head (E & TC)