

Shram Sadhana Bombay Trust's

COLLEGE OF ENGINEERING & TECHNOLOGY

BAMBHORI, POST BOX NO. 94, JALGAON- 425001. (M.S.)

Included Under Section 2(f) & 12(B) of the UGC Act, 1956 ISO 9001:2015 Certified

NAAC Accredited with B++ Grade (2.94 CGPA)



Placement Brochure

BE Electrical (2022-23)

Department of Electrical Engineering

Phone: (0257) 2258393, 94, 95 Fax: (0257) 2258392

Website- www.sscoetjalgaon.ac.in Email: sscoetjal@gmail.com



Shram Sadhana Bombay Trust's COLLEGE OF ENGINEERING AND TECHNOLOGY BAMBHORI, JALGAON (M.S.)

WE CHANGE

2 0257-2258393/94 ☐ 9284894088 ⊕ https://sscoetjalgaon.ac.in ■sscoetjal@gmail.com



National Assessment and Accreditation Council (NAAC)



Congratulations!

To all Stakeholders

Students, Parents, Alumni, Faculty, Staff, Principal and Management

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Foreword

Founded in 1983, Shram Sadhana Bombay Trust's College of Engineering and Technology, Bambhori, Jalgaon has a legacy of academic and professional excellence. It imparts knowledge in Engineering and Management. The faculty, staff, students and alumni have actively worked in cohesion to create conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development. In view of the changing trends in digital era, the institute has left no stone unturned in preparing knowledgeable, competent and value-added Electrical Engineers. The technical brilliance of the students coupled with the aptitude to learn and absorb new concepts, has paved way to accomplish their milestones. Given the right opportunity, I firmly believe that they can become one of the most treasured assets of any organization.

I am delighted to present before you the placement brochure for the year 2021-2022 of the under graduate course in Electrical Engineering. I also wish our students the best of luck in their future careers.

Dr. G. K. Patnaik

Principal

From HoD's Desk

Dear Recruiter,

Warm Greetings from SSBT, Jalgaon!

It is a matter of great pride for me to address you as a potential recruiter and talent seeker from Department of Electrical Engineering, SSBT's College of Engineering and Technology, Bambhori, Jalgaon. Ever since the establishment of this department it has been playing a very significant role in shaping the careers of aspiring young minds of Electrical Engineering students through inclusive development as dreamers of tomorrow.

The academic environment of teaching & learning in this department is unique with the latest knowledge and skills. The students in this department are innovative and creative with high ethical and moral values. The department has groomed the students to face the real world challenges and to be the good citizen of India.

I am pleased to convey that a batch of highly talented young students is ready to take up challenging responsibilities of the corporate world. I sincerely invite you to select the right talent for your esteemed organization and make them part of your development process and nation building.

I wish that the association between SSBT and your organization will be taken to greater heights in the current and forthcoming academic years.

Mr. V. S. Pawar

Head, Electrical Engg. Dept.

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 flamewill 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 foracademic excellence
- To ensure continual improvement in quality
- management system
- To inculcate social values, patriotism and professional ethics among students.

OUR INSPIRATION



Smt. PRATIBHA DEVISINGH PATIL

Former President of IndiaFounder Chairperson, Shram Sadhana Bombay Trust



Dr. DEVISINGH R. SHEKHAWAT

Former Chairman, Governing BodyAn
Eminent Educationist
The Founder President of
Vidya Bhartai Shaikshanik Mandal,
Amravati



Shri, RAOSAHEB D. SHEKHAWAT

Chairman & Management Trustee Shram Sadhana Bombay Trust

About the Department

Department of Electrical Engineering was established in year 1999. The department is offering undergraduate and doctorate programs. The major attraction of the department is its well-equipped laboratories with high quality resources and facilities for the students and staffs.

Vision: To emerge as the leading Electrical Engineering department for inclusive development of students

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

Salient Features

- Experienced and qualified staffs
- Modern and well equipped laboratories.
- Departmental library with Internet Facility
- Sufficient quantity of computers.
- Modern age class rooms
- 400 km Long Electric Transmission Line Study Unit with different Protection scheme.
- Software like PSCAD, MATLAB, PLC & SCADA and ETAP.
- Department has maintained the top positions in the examination conducted by KBCNMU, Jalgaon by securing 1st Rank & Gold Medal during May - 2010, May-2011, May – 2012 and May 2021 examinations.
- Department has signed MoUs for Industry and Institution interaction.
- Long tradition of organizing guest lectures, training workshop and faculty development programs.
- Teacher Guardian Scheme.

Facilities

Following facilities are available in department -

- Well-equipped laboratories as per norms.
- Ventilated class rooms with audio and video facilities.
- Electrical Engineering Department laboratory is recognised as Ph.D. Research Laboratory at KBCNMU, Jalgaon (MS).
- Departmental library with adequate quantities of books and Internet facility.
- 400 km Long Electric Transmission Line Study Unit with different Protection scheme.
- Software like PSCAD, MATLAB, PLC & SCADA and ETAP.
- 315kVA, 11/0.433kV Distribution Transformer with off load tap changing arrangement.
- 110V, 5A Induction Type Over Current Relay, Differential Relay and Distance Relay as model.

PEOs, POs & PSOs

Program Educational Objectives (PEOs)

- **PEO 1. Core Knowledge** Electrical engineering graduates will have the knowledge of basic science and engineering skills, humanities, social science, management and conceptual and practical understanding of core electrical engineering area with project development.
- **PEO 2. Employment/ Continuing Education -** Electrical 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** Electrical 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)

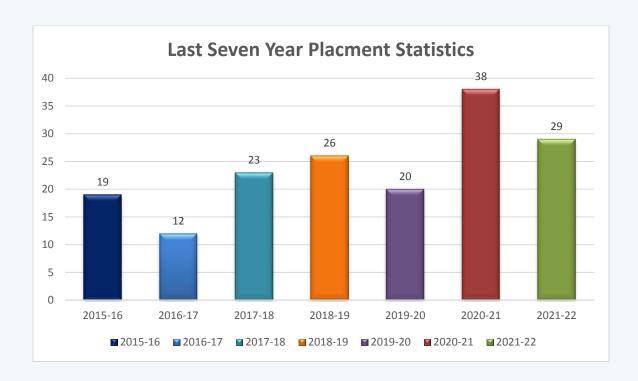
- **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
- **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching 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.
- **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)

- Apply principles of engineering, electronics and computer science; basic science, mathematics (including differential equations, discrete mathematics and linear algebra) and laboratory skills for building, testing, operation and maintenance of electrical systems.
- Model, analyze, design, and realize physical systems, components or processes related to electrical engineering systems.
- Be prepared to work professionally in power systems engineering, control systems engineering and software industries.

Last Seven Year Placement Statistics



STUDENTS PROFILE		
	Name: BAGUL SAURABH CHANDRAKANT Email: saurabhbagul47@gmail.com Contact Number: 7620468476 Resume: https://drive.google.com/open?id=143liPHKT4hSVV-P_k59wVNWxqTETt5tg	
	Name: HARSHAL ANIL BHOMBE Email: harshalbhombe2021@gmail.com Contact Number: 9130360717 Resume: https://drive.google.com/open?id=1pS0PQfXGE7fgjNqx9_zvGP5sDHZCjexR	
	Name: Prajyot Birhade Email: birhadeprajyot@gmail.com Contact Number: 8408027704 Resume: https://drive.google.com/open?id=1oKVNmwUZoPr-dbjfjMkapJQLzBpelZSP	
	Name: Hemangi Mukesh Charhate Email: hemangicharhate@gmail.com Contact Number: 7020844721 Resume: https://drive.google.com/open?id=1K5T-5KyXQrWhcvxD8qcWALTAU15VS6Nc	
	Name: Bhavesh Subhash Chaudhari Email: chaudharib517@gmail.com Contact Number: 9766406379 Resume: https://drive.google.com/open?id=19-NPHyoMPiqjM0aYeov3_aaRf3cU6pyi	
	Name: Prajwal P Deshpande Email: deshpandeprajwal00@gmail.com Contact Number: 9270457437 Resume: https://drive.google.com/open?id=1tT0gNuJ3OObz-MMcFWN7FrltBxTzIT	
	Name: Nikhil Narendra Devare Email: nikhildevare888@gmail.com Contact Number: 9370525409 Resume: https://drive.google.com/open?id=1EgXXbNpimlh-d9vFBEQnzmZK1OJWTlpL	
	Name: Aniket Dagadu Jadhav Email: aniketja19062001@gmail.com Contact Number: 9975866160 Resume: https://drive.google.com/open?id=1oxGhVteYMPjXwzrluQqXXH9a5ITOM2yF	
	Name: Prashant sadu jadhav Email: Pj9313161@gmail.com Contact Number: 8551972273 Resume: https://drive.google.com/open?id=1_THS5VXDG9x3SOHFFRN3Btt8N0FGDOKf	
	Name: Sneha Jitendra Jadhav Email: snehujj08@gmail.com Contact Number: 8208408957 Resume: https://drive.google.com/open?id=1cPPxuhlJtl1wzxf8W1jodLhrjVXsKksc	
यहुल रविद्व कोळी	Name: Koli Rahul Ravindra Email: rahulkoli7419@gmail.com Contact Number: 8411848923 Resume: https://drive.google.com/open?id=1fDi0joF8BjOathAX0wV_uCXjqKWhijC6	
	Name: Mahajan Mayur Dattatray Email: mayur069mahajan@gmail.com Contact Number: 8275817781 Resume: https://drive.google.com/open?id=1clDM3Eo4XTKx3oKPykqDhbc596Hff3Os	
	Name: Shubham Lakhichand Mahajan Email: shubhamahajan5074@gmail.com Contact Number: 8379874001 Resume: https://drive.google.com/open?id=1O4cJhEuw7oxAY8YKZUix6YBiwpdtT54J	
	Name: Tejas Mahajan Email: tejasmahajan212@gmail.com Contact Number: 9552121177 Resume: https://drive.google.com/open?id=1bosrlxOIJ-C2oyYtRyOgaOvRqMxeQ_Vc	



Name: Nishikant Sanjay Patil Email: nishikantpatil7491@gmail.com Contact Number: 7558385391 Resume: https://drive.google.com/open?id=1RFFjgFEYAaFvP37i QtRPFMzccS-muAv Name: Rutik Ajay Patil Email: Patilrutikajay@gmail.com Contact Number: 9370372987 Resume: https://drive.google.com/open?id=1U8Yb0oASx86ESyR2z6UAKdR0i7w3pw6d Name: samir patil Email: patilsamir1701@gmail.com Contact Number: 9370248033 Resume: https://drive.google.com/open?id=1cGr0-dUaonBagz63R02a9mb2YcMCDYWn Name: PATIL SHUBHAM NAMDEV Email: shubhamsp201718@gmail.com Contact Number: 7057098898 Resume: https://drive.google.com/open?id=1ZhSY9WT8haPYTnxigCCX-uge YGqDCEe Name: Sumit Sandip Patil Email: patilsumit236@gmail.com Contact Number: 9518311218 Resume: https://drive.google.com/open?id=1UtNjYSl0mG_0lOoaPppJaWjoZ802qwNu Name: Swapnil Rajendra patil Email: swapnilpatil8698@gmail.com Contact Number: 8698303887 Resume: https://drive.google.com/open?id=1LKwQapfLWyDAXfuhkbEHm3yLkHfGtOjM Name: Vaishnavi Patil Email: vp885789@gmail.com Contact Number: 9766728697 Resume: https://drive.google.com/open?id=1IGMWOhDyQAknQcnmcnzdP4xR6FXlyjQf Name: Sambhaji shivaji pawar Email: pawarsambhaji784@gmail.com Contact Number: 8767155747 Resume: https://drive.google.com/open?id=19B0bG8tpmO6p-0OqF4otPvWGTOhyc4y Name: VISHAL DARASING PAWARA Email: vishalpawara543@gmail.com Contact Number: 7264904160 Resume: https://drive.google.com/open?id=1g6lG0L8pRr2tstCaG3dAHykkODBC2rax Name: Deven Sharad Rane Email: devendrarane3333@gmail.com Contact Number: 9359721873 Resume: https://drive.google.com/open?id=1vmVre-KQNyzp98a0dFcf1G9AYC1C38ps Name: Sapkale Yutika Rajaram Email: yutikasapkale2000@gmail.com Contact Number: 7249024426 Resume: https://drive.google.com/open?id=1v2usLWKrpU ECmDmlxhdM607HOT9g-JI Name: Bhavesh Sonawane Email: bhaveshkoli2kk@gmail.com Contact Number: 8830488744 Resume: https://drive.google.com/open?id=1tYZVFHpV4liZTua-PROEj-ktvAffPXOP Name: Bhavesh Kishor Warke Email: bhaveshwarke646@gmail.com Contact Number: 7066221453 Resume: https://drive.google.com/open?id=1s UKfdoHuW8xzB gQIL7IvEZCNjIFJ6w Name: Vishal Sitaram Gaikwad Email: vg99143@gmail.com Contact Number: 8408070100 Resume: https://drive.google.com/open?id=19LvfW64Ry12dUO4hKnzGgZS1qyOn4E1E Name: BADGUJAR CHETANA SHEKHAR Email: imchetana11@gmail.com Contact Number: 9604760736 Resume: https://drive.google.com/open?id=1esdRi9sqjWtqVcU3 dwZHC48guseb7C6

Name: Rohit kamalakar badgujar Email: Badqujarrohit051101@gmail.com Contact Number: 9834230904 Resume: https://drive.google.com/open?id=1jW6n5dsZ RJul6KEal9eyLSHF7CB-OVK Name: Tushar Vasudev Badgujar Email: tusharbadgujar1339@gmail.com Contact Number: 9146008475 Resume: https://drive.google.com/open?id=1qj77vxZCO4Dh95sHTzpN0KwUwbZnrXW6 Name: BARGE PRATIK KIRAN Email: bargepratik03@gmail.com Contact Number: 8698510363 Resume: https://drive.google.com/open?id=1-Mk eRQDI5w7JWUVDpcBiYTCJR49X3h Name: Aachal Hemchandra Bhangale Email: bhangaleaachal@gmail.com Contact Number: 8530321773 Resume: https://drive.google.com/open?id=13lueHht1V75x938K1vV718ypU22nHa1x Name: Bhushan chhotu Bhoi Email: bhushanbhoi2001@gmail.com Contact Number: 8605586691 Resume: https://drive.google.com/open?id=1f9LGtxlw-Kg4II3um Ghu4EeFuBDrFoB Name: Mayur raju birale



Email: mayurbirale2000@gmail.com Contact Number: 9604047254

Resume: https://drive.google.com/open?id=1kq0GsiX8rm6-Szjh_8yzsn7x7WBq7jl-

Contact

SSBT's College of Engineering & Technology,

Bambhori, Post Box No. 94, Jalgaon - 425001 (M.S.)

Tel.: 0257 - 2258393 / 94 / 95

Fax: 0257 - 2258392

Website: www.sscoetjalgaon.ac.in

Youtube: SSBT's WORLD - link: https://www.youtube.com/results?search_query=ssbt+world

Facebook: SSBT's COET Bambhori Jalgaon Link: https://www.facebook.com/SSBTCOETOfficial/

Mr. M.Mujtahid Ansari

M.E. (EPS), LMISTE Assistant Professor,

Training & Placement Coordinator,

Electrical Engineering Department,

SSBT's College of Engineering & Technology,

Mobile No. 9422864760

Email: mujtahidansari@gmail.com

Mr. Vijay S. Pawar

M.E. (EPS), LMISTE

Associate Professor & Head

Electrical Engineering Department,

SSBT's College of Engineering & Technology, Bambhori, Post Box.No.94,

Jalgaon - 425 001 (Ms)

(M) 9421637700

Email: vsp1232002@yahoo.co.in

Youtube: SSBT's WORLD - link: https://www.youtube.com/results?search_query=ssbt+world

Facebook: SSBT's COET Bambhori Jalgaon - Link:https://www.facebook.com/SSBTCOETOfficial/