

Placement Brochure

**BE Mechanical
(2024- 25)**



**SHRAMA SADHANA BOMBAY TRUST'S
COLLEGE OF ENGINEERING & TECHNOLOGY,
BAMBHORI, POST BOX No. 94, JALGAON- 425001(M. S.)**

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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 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 'shramsadhana' i.e. karm yoga & this value we inculcate in our students. During the time students spend with us, we work to transform them in various ways so as to make a positive impact in the organizations they choose for their careers.

We have the best of staff, faculties & facilities to impart technical excellence to our students who will be the architects of technological development & Society. During this hard time of COVID pandemic, our talented and ever-willing –to- work staff, have been showing their care and concern for the College and students, working from home preparing notes and engaging classes online for the benefit of students. The college gives due importance to co-curricular and extra-curricular activities. Our students excel in intercollegiate and University' competitions in extracurricular events. College also conducts personality development programs, guest lecturers in general and technical areas for continuous improvement of students and faculty.

I would like to express my heartfelt gratitude to all the esteemed recruiters and alumni for their ceaseless support and faith in our students. We are proud to have a stupendous batch of engineers and leaders firmly believe that the batch of 2020-21 would take the legacy forward with even more vigor. We look forward to forge and strengthen a long term relationship with your esteemed organization.

Prof. (Dr.) G. K. Patnaik

Principal

Vision, Mission and Objective of 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 centre for academic excellence
- To ensure continual improvement in quality management system
- To inculcate social values, patriotism and professional ethics among students.

OUR INSPIRATION



Smt. Pratibha Devising Patil
(Former President of India)
Founder Chairperson
Shrama Sadhana Bombay Trust



Dr. Devisingh R. Shekhawat
(An Eminent Educationist)
Former Chairman Governing Body, SSBT's
COET, Bambhori, Jalgaon
Founder President, Vidya Bharati
Shaikshanik Mandal, Amravati



Shri. Raosaheb Shekhawat
Ex. M.L.A., Amravati
Managing Trustee,
Chairman, G.B.
SSBT's COET, Bambhori, Jalgaon &
Vidya Bharati Shaikshanik Mandal,
Amravati.



FROM THE HOD'S DESK

Dear Recruiters,

Welcome to Department of Mechanical Engineering of SSBT's College of Engineering & Technology, Bambhori, Jalgaon.

Department of Mechanical engineering at SSBT's College of Engineering & Technology, Bambhori, Jalgaon continually strives to achieve excellence in academics and industry-oriented research to prepare the globally competitive professionals. The institute offers the best mechanical engineering degree program and provides training in different fields of specializations so that the candidates can get employment immediately after their graduation.

The Institute's Mechanical Engineering Department is supported by a team of well-experienced and maximum Ph. D. qualified faculties that train the students for global industry with their real-world experiences. The department emphasizes on high-quality teaching and practical training. Being one of the best mechanical engineering colleges in Kavayitri Bahinabai Chaudhari North Maharashtra University, SSBT's College of Engineering & Technology, Bambhori, Jalgaon offers the best learning environment to the students and focuses on their overall personality development and growth. The department boasts of well-equipped laboratories and workshop that cater to all the requirements of students.

Dr. P. G. Damle

Associate Prof & HOD

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FROM THE T.P.O's DESK

Dear Recruiters,

With a vision of global societal development; the Training and Placement cell is committed to the mission of preparing competent, value added and patriotic engineers and administrators of integrity of par excellence, well proven by the alumni working in various capacities at global levels. In the era of changing technology, the challenge of the date is to fulfil the demand of manufacturing and service industry as it is looking towards an employable professional having various skill sets to sustain in global tough competition. Training and placement Cell of our institute 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 Engineering & Management Program. To integrate industry relevant skill set and curriculum the Training & Placement Cell is organizing Orientation Programs, Industrial visits, Workshops, Seminars & Guest lectures. The cell also organizes Industrial Workshops, Soft Skills Training Programs, Summer Internship Programs, Aptitude Tests, Mock Interviews and sessions on Motivation, Leadership and Personality Development. I am confident about students of our institute who have necessary skills & ability to quickly become a successful & valued member of your organization. I take this opportunity to invite you for the recruitment of final year students and would like to see you soon at our Campus.

Dr. P. M. Solanki

Training & Placement Officer,

Email- p_msolanki@rediffmail.com

About the Department

The Mechanical Engineering Department offers Bachelor's degrees in Mechanical Engineering. These degree programs prepare graduates for successful, profitable and lifelong careers in Mechanical Engineering. Mechanical Engineering students study the concepts of Manufacturing, Quality, Design, and thermal engineering through innovative classroom instructions, supported by laboratories equipped with the machines and setups. The department ensures that the students are introduced to both fundamental and advanced knowledge in areas.

Vision:

To nurture the students by providing high quality broad based technical education for global societal development and continuous improvement in value added knowledge.

Mission:

To cultivate a conducive environment through teaching, application specific learning and services to foster the technical critical thinking ability of the students as well as the faculties to contribute for developing global mechanical engineering professionals and well-being of the society.

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
- Personality Development & Soft Skill Training

Program Educational Objectives (PEOs):

1. Core Knowledge: The mechanical engineering graduates will have the knowledge of basic science, engineering skills, humanities, social science, management, conceptual and practical understanding of core mechanical engineering area with project development.

2. Employment: The mechanical 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.

3. Professional Competency: The mechanical 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):

- An ability to apply knowledge of computing, mathematics, science and engineering fundamentals appropriate to the discipline.
- An ability to analyse a problem, identify and formulate the mechanical engineering requirements appropriate to its solution.

- An ability to design, implement, process and component to meet desired needs with appropriate consideration for public health, safety, cultural, societal and environmental considerations.
- An ability to design and conduct experiments as well as to analyse and interpret data.
- An ability to use current techniques, skills, and modern tools necessary for mechanical engineering practice.
- An ability to analyse the local and global impact of mechanical engineering task on individuals, organizations and society.
- Knowledge of contemporary issues.
- An understanding of professional, ethical, legal, security, social issues and responsibilities.
- An ability to function effectively individually, on teams, including diverse and multidisciplinary, to accomplish a common goal.
- An ability to communicate effectively with a range of audiences.
- An understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects.
- Recognition of the need for and an ability to engage in continuing professional development.

Program Specific Outcomes (PSOs)

PSO 1- To develop professional leadership through co-curricular & extracurricular activities.

PSO 2- To impart skilful, value based & modern technology knowledge centre for lifelong learning.

PSO 3-To develop multidisciplinary, multi-skill technical ability through integration of Mechanical Engineering & other engineering disciplines.

FACULTY PROFILE



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