



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



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INSTITUTIONAL DISTINCTIVENESS

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Distinctiveness

Vision of the Institution is to empower students with quality education, knowledge, progressive technology and cultivate the sense of social responsibility and patriotism. The Institute instigates systematic effective practices into all its academic and administrative work to develop and harness the latent potentials of student and faculty. Modernization in all spheres of Curriculum, Teaching -Learning -Evaluation, Student Support System, building learning resources are intertwined for overall student development and reflected in the teaching – learning- research ecosystems the institute is engaged with.

The Institute has established its distinctive approach towards this comprehensive Vision by intending it in the form of service to the society, by developing skilled human resource, multidisciplinary facilities to enrich research environment and Entrepreneurship development. The institute takes initiatives for skill development of students by arranging programs such as soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene), ICT/computing skills etc. which provides an environment to transform into skillful human resource.

The Institute organizes project exhibition and national level paper presentation specially for students to provide a platform so that the students may manifest their technical creativity, share ideas and intermingle amongst the technical fraternity. Students are encouraged and provided technical and financial support to participate in project exhibitions, paper presentations, Hackathon, Robocon and Dipex like events.

The Institute has taken several initiatives to cultivate innovation as the way of life. The Institute has started an Innovation and Incubation collaborative activity with Centre for Innovation Incubation and Linkages (KCIL) of KBC, North Maharashtra University, Jalgaon in order to augment innovation-driven culture among students and faculty promoting intra disciplinary approach aiming to competitive, conducive and value added environment for products, patents and publications.

An engineer must not be just a job seeker, rather must be a job creator. Thus s/he must develop entrepreneurial characteristics along with technical knowledge. To ensure this institute organizes Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes, Faculty Development Programmes and Skill Development Programmes in the institution. This is to guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, information on technologies, etc. and to have interaction with esteemed entrepreneurs who may inspire and mentor student to become entrepreneurs.

Innovation & Entrepreneurship Development Centre (IEDC) in the institute have got sanctioned in academic year 2012-13 by National Science & Technology Entrepreneurship Board (NSTEDB), DST, Govt. of India with financial assistance of Rs. 45.3 Lakhs for five years (from 2012-13 to 2016-17). The objective of the IEDC is to inculcate the innovation driven entrepreneurships in students. To fulfill this objective, IEDC sponsored student's five innovative projects every year with financial assistance of Rs. 1 Lakh each including fellowship of Rs.30,000/- to the students for each project. During this five years Total 25 projects have been sponsored with financial assistance of Rs. 1 Lakh each. Subsequent to this, Institute has started Shram Sadhna Innovation & Entrepreneurship Development Cell (SSIEDC) from the academic year 2017-18.

To nurture the product based ideas of students, Incubation Centre is established in the institute. In the year 2019 – 20, two Departments, namely Department of Computer Engineering and Chemical – Biotechnology Engineering, initiated product based development projects.

Director (Research and Development) motivates Faculty members to initiate In-house Projects, explores funded Projects from External Agencies and assists in submission of proposals. There are significant industrial MOUs signed to collaborate with Industry for Joint consultancy and research projects.

There is an international collaboration with Prince of Songkla University; South Thailand. The collaboration provides opportunities for research and development, innovation, applications.

Research and teaching are complementary to each other. Through research the teachers explore the sea of knowledge and bring up the new technology which makes the engineers better employable and human life more comfortable. The institute has endeavored to transform from a basic teaching institute to teaching and Research institute, out of 27 faculty members with Doctorates qualification 17 are recognized Research Guides. The Institute has six recognized research centers with 52 enrolled Research Scholars. The institute has indigenous research funding scheme “Shram Sadhna Research Promotion Scheme” to provide seed money to the research ideas of faculty.

The institute publishes Bi-annual Journal ‘PRATIBHA: International Journal of Science, Spirituality, Business and Technology (IJSSBT)’. The journal is a peer reviewed that takes scholarly approach in creating, developing, integrating, sharing and applying knowledge about all the fields of study in Engineering, Spirituality, Management and Science for the benefit of humanity and the profession.

The Institute is conducting International conference every year to encourage the research atmosphere

The institute believes in green technology use and promotion and has installed solar power plant with capacity of 295 kW, which fulfills 60% of Electricity demands of the Institute. Solar water heaters, rain water harvesting, Sullage treatment plants and vermicompost are operational in the campus to save electricity and environment.

Link for additional information:

1. [Science Exhibition Report](#)
2. [Project Exhibition under SSIEDC](#)
3. [KCIIL of KBC NMU Jalgaon](#)
4. [Innovation & Entrepreneurship Development Centre \(IEDC\)](#)
5. [SSIEDC EAC Activity report](#)
6. [Alumni Entrepreneur List](#)
7. [Hackathon activities](#)
8. [MOU Prince of Songkla University, South Document](#)
9. [Guide Student List](#)
10. ['PRATIBHA: International Journal of Science, Spirituality, Business and Technology \(IJSSBT\)](#)
12. [Funded Research Projects](#)
13. [International Conference \(Link to website report\)](#)
14. [Geotag Photograph](#)