

**SANDIP FOUNDATION's**

**SANDIP INSTITUTE OF ENGINEERING AND MANAGEMENT,**

**TRIMBAK ROAD, NASHIK-422 213 (MS) INDIA**

**[www.sandipfoundation.org](http://www.sandipfoundation.org)**



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**STRATEGIC PLAN**

**2020 - 2025**

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1. Faculty Development
2. Research & Innovation
3. Entrepreneurship
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# 1. Faculty Development

- Recruit, retain and able community of competent and skilled faculties with high individual gains and institutional retains.
- To encourage faculties to pursue research, consultancy, innovation, and entrepreneurship activities in the contest of globalization.
- To identify and map the elemental and inherent skills of faculties for productive outcomes like product development, research activities, administration, consultancy, etc.
- To motivate and support faculties to participate in Conferences, Seminars, STTPs, Workshops, etc. of National/ International recognition.
- To nurture research attitude among the faculties to fetch funded research projects and assignments.
- To strengthen faculties through faculty up-gradation in terms of qualification up gradation, skill development, behavioral improvement, etc.
- To establish and maintain Industry Institute Interaction by involving and facilitating faculties through professional memberships, industry based projects, etc.



## 2. Research & Innovation:

- To apply for external research funding from private and public agencies in focused frontier areas.
- To improve Industry-Institute and Institute-Institute Partnership from India and abroad for collaboration.
- To utilize research facilities in collaboration with various Industries covering heterogeneous research areas.
- MoUs with higher learning institutions/industries.
- To encourage faculty members and students for “idea to product” pre- incubation activities.
- To encourage faculty members and students for Patent filing, Scaling up commercialization.
- To recruit teachers with flair and competence in research.
- To create inter-disciplinary research groups for prospective applied research.
- To participate in National and International level research competitions.

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## 3. Entrepreneurship

- To provide support and facilities for nurturing the startups through
  - Prototyping Support
  - Incubation
  - Financial support
  - IPR support
- To catalyze and promote development of Science and Technology knowledge-based enterprises and promote employment opportunities in the innovative areas.
- Through brain storming and capacity building efforts focus on following areas:
  - Agricultural Development
  - Rural Development viz. Smart Village
  - Women Hygiene and Sanitation
  - Interdisciplinary Research
  - Energy and Environment-friendly solutions
  - Food Processing through Technology
  - Innovation Enrichment



## 4. Infrastructure Development

- Development of Indoor game Stadium
- Development of staff quarter.
- Development of Utility Center.
- Development of Solar plant.
- Development of facilities for e-content development.
- Expansion of Library Resources.
- Procure Eco-friendly Computing facilities.
- Shifting from Conventional to Non-conventional energy resources.
- Upgrading Incubation center.
- Updating of workshop facility.



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## 5. Student Development

- To evaluate student's capabilities so as to focus on determined graduate outcomes viz.
  - Competitive exams, Placements, Higher Education and Entrepreneurship.
- To cultivate conducive environment for overall development through progressive assessment, evaluations and their mapping for scope of improvement every year.
- To incorporate the culture of project based and experiential learning through Industry Internships, National Service Scheme and Students Associations etc.
- To form and operate various cells related to student welfare and grievances for solving student's academic and administrative problems.
- To constitute various hobby clubs for students based on their interest and skills.
- To open avenues like scholarships /free ship /awards /accolades /earn and learn scheme from government and non-government bodies for financial support to the students.
- To impart life skills education through Value added programme, Skill based certifications, Workshops, Seminar, Guest lecture, Industrial visits, Internship as per the feedback taken from alumni to make students industry ready.
- To nurture the research aptitude through facilitating their searches laboratories for transformation of student's idea to prototype.



## 6.Placement

- To inculcate necessary skills in the students required to become a successful professional, nationally and internationally.
- To support the students to develop an enthralling personality for choosing a perfect career by giving an opportunity to work on live Projects, which enables them to get exposed to real Industrial Problems?
- To assist in various projects of enhancing skills of students by entering MoU with various Industries
- To expand global career opportunity and explore possibility of International Placements
- To arrange guest lectures by eminent personalities from the industry so as to emphasize the ever changing need of the industry and how to make students ready for it. Also, to promote industry-oriented curriculum through Value Addition Programmes (VAP)
- To continuously update the database for meeting the different requirements from the organizations and to make students choose the best possible company and remunerations.
- To arrange HR Summits and take inputs from industries about current trends. Thus, bridging the gap between industry and educational institute.
- To provide maximum job opportunities for the students via organizing campus drive and carrier fairs.
- To arrange In-plant training, Industrial visits, Projects, Guest lectures and other Industry-Institute interaction activities
- To deliver Orientation Program, Career Counseling & Development for Students.





## 7. Admission

- To take consent for conduction of career guidance seminar, Scholarship exam promotional activity at various schools, colleges and classes through Information centers of various places in between 15<sup>th</sup> October to 15<sup>th</sup> December of each calendar year.
- To arrange campus visit of 12<sup>th</sup> students from various places of Maharashtra and Other States.
- To conduct career guidance seminar in between 15th November to 31st December of each calendar year.
- To conduct Scholarship exam at various places on Third Sunday of May of each calendar year.
- To conduct seminar on awareness to Engineering admission process after the declaration of CET result at various places.
- To conduct foundation course for first year engineering aspiring students in the second week of July of each calendar year.
- To establish call center in the month of April for giving information of Institute.
- To organize Technical competition for Diploma students at department level in the last week of February or First week of March of each calendar year.
- To conduct different technical workshops of One week for Third year Diploma students after their final exam in the campus.



## 8. Industry Interaction

- To identify and facilitate Guest Lectures, Interactive Workshops, Colloquium, Brain Storming Sessions, Technical Discussions etc. with members of the Industry, outside experts, eminent personalities at regular interval.
- To conduct Industrial Training, Orientation Courses, Industrial Visits etc. for faculty and students at regular intervals.
- To facilitate joint research work, consultancy involving faculty and students.
- To avail the expertise of professionals from industry as visiting faculty in institutions and deployment of faculty from institutions to industry for gaining industrial experience and/or work on projects in industry.
- To promote revenue generating activities for the institution like Testing, Calibration, Consultancy and R&D etc.
- To avail training to students and faculties on cutting edge technologies to bridge the technological gap.
- To enhance industry based project development activity for students to make them aware of industry culture and avail placement opportunities to them.
- To strengthen the binding between alumni who are working in different industries for availing job opportunities to other students.
- To promote the students in establishing start-ups which ultimately support to next batch students.

## 9. Community Development

- To organize theme based conference annually at national/international levels for assimilation of cutting edge developments in technology and research.
- To establish Centers of Excellence (CoE) at institute level for providing supplementary technical trainings to the students and working professionals for their skill enhancement.
- To increase incubation of businesses through Entrepreneurship Development Cell for the graduating students.
- To organize social awareness programs.
- To implement Swachh Bharat Abhiyan in the selected villages surrounding the campus.
- To invoke social awareness in rural areas through NSS camps.
- To disseminate awareness about road safety by organizing camps in association with traffic regulating authorities.
- To conduct various health check up and blood donation camps on special occasions of Foundation Day, Hon. Chairman Sir's Birthday etc.



  
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