



Sanjivani Rural Education Society's  
**Sanjivani College of Engineering, Kopergaon-423603**  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

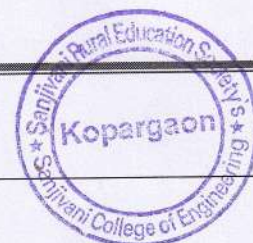
## **FIVE-YEARS STRATEGIC PLAN 2020-25**

Sanjivani College of Engineering, Kopergaon (An Autonomous Institute Since 2019-20 Affiliated to Savitribai Phule Pune University, Pune), is one among the premier technical institutes in Maharashtra state in the un-aided sector. It is established in 1983, by Sanjivani Rural Education Society under the charismatic leadership of Shri. Shankarrao G. Kolhe, the Institute has a noble vision of developing world class professionals through quality education. For realization of its vision, the Institute has a strong mission of creating academic excellence in the field of engineering and management through education, training and research to improve the quality of life of people.

### **Core Values:**

1. Encourage high standards of integrity, trust, mutual respect and ethical behavior.
2. Prioritize quality education to improve the quality of life of people.
3. Respect intellectual freedom and dignity of every individual and provide equal opportunity.
4. Ensure the ownership given to the faculty for pursuit of academic excellence.
5. Nurture environmental awareness and affinity towards nature and existence.
6. Inculcate universal human values in both personal and professional life of an individual.

With the Institute vision mission aligned, the SWOC analysis is carried out and goals identified for achieving the mission-vision. Strategic Plan has prepared for next 5 years towards achieving these goals.

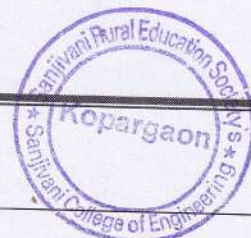


### SWOC Analysis:

<p><b>Strengths</b></p> <ul style="list-style-type: none"><li>• Strong Teaching and Learning Process</li><li>• NBA Accreditation of all eligible programs for multiple turns.</li><li>• NAAC Accreditation with grade 'A'</li><li>• Autonomous status from UGC</li><li>• Industry based curriculum for better employability.</li><li>• 40 Years of Academic Legacy</li><li>• Strong Alumni network</li><li>• Good retention of faculty</li><li>• Good Placement Record</li><li>• Strong Mentorship system</li><li>• Good reputation in the society</li><li>• International Collaborations</li><li>• State of the art Library</li></ul>	<p><b>Weaknesses</b></p> <ul style="list-style-type: none"><li>• Average merit intake</li><li>• Lack of Soft skills and communication skills of the students</li><li>• Limited industry exposure due to geographical location.</li><li>• Lack of research culture among faculty and students.</li><li>• Lack of consultancy</li></ul>
<p><b>Opportunities</b></p> <ul style="list-style-type: none"><li>• Industry interaction and linkages</li><li>• Product development for local industries and community</li><li>• Consultancy on various projects</li><li>• Networking with other premier institutes and organizations</li><li>• Research Funding<ul style="list-style-type: none"><li>• Social enrichment for rural development.</li><li>• Interdisciplinary Culture</li><li>• Center of excellence through industry collaborations.</li><li>• Paperless Administration</li><li>• Entrepreneurial skills suiting to rural requirements</li></ul></li></ul>	<p><b>Challenges</b></p> <ul style="list-style-type: none"><li>• Upgradation of skill sets of faculty</li><li>• Developing research culture among faculty and students</li><li>• Attraction for meritorious students.</li><li>• Retention of competent faculty</li><li>• Enhanced placement opportunities especially, in the core branches.</li><li>• Adoptability to the changes as per the NEP.</li></ul>

**Goals identified:**

1. Enhance Educational Experience and Employability
2. Strengthen Research and Development Activities.
3. Enhance Training, Placement and Higher Studies
4. Enhance Entrepreneurship Development Activities
5. Enhance Co-Curricular, Extracurricular, Social Activities and Outreach
6. Establish and Strengthen Industry Institute Linkages.
7. Strengthen Alumni Connect.
8. Improve Faculty Qualifications, Skills and Outreach.
9. Enhance International Collaboration.
10. Strengthen Internal Quality Assurance Cell.



## 1] Enhance Educational Experience and Employability

### Objectives:

#### 1. To enhance curriculum through effective OBE implementations:

BoS Chairman/ HOD and Faculty members of the Department will prepare the Curriculum as per the guidelines; SOPs received from Dean Academics office ensuring 25-30 % syllabus from Foreign Universities or Indian Institutes of repute

#### 2. To improve Student Centric Teaching-Learning (T-L) Process with latest Teaching Pedagogy:

As per the need, faculty will be trained on latest technologies with the flavor of OBE implementation, Bloom's Taxonomy, ICT Tools and different teaching pedagogy.

#### 3. Academic Expansion with Continuing Education Program:

Start offering continuing education opportunities to the working professionals, Alumni and others. Capitalize upon the linkages of the Institute for high revenue programs by offering Certifications/ Add-on Programs

**Table 1.1: Objectives with Five yearly targets**

Objectives /Targets	2020-21	2021-22	2022-23	2023-24	2024-25
To enhance curriculum through effective OBE implementation	Ensure 70% courses per year Program with OBE-based curriculum design that aligns with NAAC, NBA, and UGC guidelines.	75%	80%	85%.	90 %
To improve Student Centric Teaching-Learning (T-L) Process with latest Teaching Pedagogy	Ensure 70% Faculty training	75%	80%	85%	90%
Academic Expansion with Continuing Education Program	Ensure 30% enrollment of students in industry-oriented skill development programs and Online Certifications Courses in Emerging areas.	35%	40%.	45%.	50%.

## 2] Strengthen Research and Development Activities

### Objectives:

1. To improve research publications and its impact

2. To submit quality proposals to different funding agencies:

Providing guidance for submitting proposals to funding bodies (DST, SERB, SPPU, UGC) and giving timely information regarding research proposals.

3. To accelerate collaborative and interdisciplinary research:

Promote interdisciplinary research collaborations

4. To enhance the Consultancy work

5. To improve IPR related activities:

Promote and support a culture of innovation by filing and publishing patents / Copyrights.

**Table 1.2 Objectives with Five yearly targets**

Objectives /Targets	2020-21	2021-22	2022-23	2023-24	2024-25
SCI Journals	13	13	18	25	28
SCOPUS Journals	30	30	43	43	56
SCOPUS Conference	30	30	43	43	56
Patent /Copyright	36	36	65	65	65
Research Proposals	14	14	28	28	29
Consultancy Targets	10 L	10 L	21 L	32 L	33 L
Books	5	5	10	10	10

## 3] Enhance Training, Placement and Higher Studies

### Objectives:

1. To organize general soft skill trainings for enhancing students employability skills on a regular basis.
2. To organize company specific trainings for making eligible students prepared for particular placement drive
3. To provide Niche Skill training platform (with Certification if applicable) for enhancing the Placement of both Eligible and Non-Eligible Students
4. Identification of good companies for recruitment drives
5. Increase Placement Ratio along with Dream Offer
6. Motivate academically brighter students for PG in foreign universities/ universities of repute in India and Govt/Private Competitive Exams



**Table1.3: Objectives with Five yearly targets**

<b>Objectives /Targets</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>
To organize general soft skill trainings for enhancing students employability skills on a regular basis	80% Training Execution as planned	85%	90%	95%	95 %
To organize company specific trainings for making eligible students prepared for particular placement drive	80% Training Execution as planned	85%	90%	95%	95 %
To provide Niche Skill training platform (with Certification if applicable) for enhancing the Placement of both Eligible and Non-Eligible Students	100 Placements from Niche Training Platform	110	120	130	140
Identification of good companies for recruitment drives	Identification of 05 New Companies	07	08	09	10
Increase Placement Ratio along with Dream Offer	75% Placement Ratio with 8 LPA Dream Offer	80% Placement Ratio with 10 LPA Dream Offer	85% Placement Ratio with 15 LPA Dream Offer	90% Placement Ratio with 20 LPA Dream Offer	95% Placement Ratio with 25 LPA Dream Offer
Motivate academically brighter students for PG in foreign universities/ universities of repute in India and Govt./Private Competitive Exams	3 % students of final year to go for higher studies/competitive exams	4 % students	5% students	6 % students	7 % students



#### 4] Enhance Entrepreneurship Development Activities

##### Objectives:

1. To create awareness on current entrepreneurship opportunities
2. Create ownership and develop entrepreneurship attitude / mindset among the students.
3. Connect with industry expert team to promote and support good ideas and Innovations.
4. To convert viable ideas and innovations into marketable products or enterprise.
5. To promote entrepreneurial activities initiated by IIC, i-2-e by SPPU, Avishkar, Startup India, MSME, YUKTI, Maker Mela and reputed institutions of India.
6. To participate in state & national level competitions related to EDP & startups.
7. To arrange interaction with successful entrepreneurs, various professionals, potential customers to provide mentorship for student innovators.

Table 1.4: Objectives with Five yearly targets

Objectives /Targets	2020-21	2021-22	2022-23	2023-24	2024-25
Student Entrepreneurship Awareness Program	03	03	04	04	05
Talk shows / Interviews of successful young entrepreneurs /Alumni Entrepreneurs	01	02	02	02	02
Conduct Idea Hunt Competition	01	01	01	01	01
Entrepreneurship Engagement Program (Visit the industries, Product promotion programs)	01	02	02	02	02
New start-ups and business plan. Entrepreneurship Proposal Development	02	03	04	05	06



Objectives /Targets	2020-21	2021-22	2022-23	2023-24	2024-25
(EPD), Product development					
Attend and arrange the workshops, STTPs, trainings on Entrepreneurship and Innovations	01	01	02	03	03
Participation in State / National Level competitions	02	03	03	04	05
To enroll for incubation program at any of the National institutes like IIM/IIT, Incubator and start student led company	01 / Dept	02 / Dept	02 / Dept	03/ Dept	03 / Dept
Social / local industry problems for entrepreneurial solutions by students	01/ Dept	02/ Dept	03/ Dept	04 Dept	05 / Dept

## 5] Establish and Strengthen Industry Institute Linkages

### Objectives:

#### 1. Signing of MoUs and memberships with industrial organizations/associations:

Attend various industry organized programmes to improve industry connects for MoUs and memberships

#### 2. Promote Internships/ Global Industry Certifications/ Industry Trainings for the Faculty and Student through Industry connects

#### 3. Enhance Industry connect for Industrial Visits, Industry Sponsored Hackathons/ Project Competitions and Additional Creative Activities

#### 4. To recognize and setup state of the art laboratories as a Center-of Excellence through Industry Connect



**Table 1.5: Objectives with Five yearly targets**

Objectives	2020-21	2021-22	2022-23	2023-24	2024-25
Industry Linkages and MOUs	2/Dept	2/Dept	2/Dept	4/Dept	5/Dept
Internships/ Global Industry Certifications/ Industry Trainings	10% of sanctioned intake	15% of sanctioned intake	25% of sanctioned intake	35% of sanctioned intake	60% of sanctioned intake
Industry Guest Talks, & Sanjivani i-Connect	2/Dept/Sem	2/Dept/Sem	2/Dept/Sem	3/Dept/Sem	3/Dept/Sem
Industrial Visits, Industry Sponsored Hackathons/ Project Competitions, Additional Creative Activity	2/Dept	2/Dept	2/Dept	2/Dept	2/Dept
Centre of Excellence/ Industry Sponsored Lab	1	1	2	2	3

## 6] Enhance Co-Curricular, Extracurricular, Social Activities and Outreach

### Objectives:

1. To provide a platform for students to showcase their talents and cater their overall development.
2. To organize various sports events in campus and to increase the participation of the students at Zonal, University, State and National Level sports competitions.
3. To encourage students to participate in various programs organized by AICTE and SPPU, Pune.
4. To inculcate social values and social awareness among the students and enhance social outreach through NSS programs.
5. To conduct co-curricular activities and enhance technical and innovative outreach among the students.
6. Organization of Sanjivani Flagship events for Social outreach



**Table 1.6: Objectives with Five yearly targets**

Objectives/Targets	Action Points	Targets				
		2020-21	2021-22	2022-23	2023-24	2024-25
Enhance Co-curricular Activities	Conduction of debate, communication, technical exhibitions, awareness W/S, Elocution contest, like activities	04	05	06	08	10
Enrich Extracurricular activities	Conduction of Festivals	02	03	04	05	05
	Participation in outside events like Yuwa Mahotsav, Purushottam Karandak etc.	01	02	02	03	03
Sports Activities:	Inside Campus	04	05	06	06	08
	Outside Campus	02	03	04	04	05
Social Activities:	Yoga Day, Blood Donation, Tree Plantation, Skits etc.	05	05	06	06	07
Annual Social Gathering		01	01	01	01	01
Coordinate AICTE, DTE, MHRD and SPPU Events	Unnat Bharat Abhiyan, Bhasha Sanvardhan & Suggested Events	01	01	02	02	03
Improve Social Outreach	Conduction of awareness w/s, camps, projects, Watershed development, Hackathon, Educating people, Awareness Camp	01	02	03	03	04
Organization of Sanjivani Flagship events for Social outreach	Sanjivani - Thought Leader	02	03	04	05	06



## 7] Strengthen Alumni Connect

### Objectives:

1. **To develop and enhance the Alumni connect:**
  - a. Alumni Meet at State and National Level
  - b. Alumni Interactions and sessions
  - c. Updating Alumni Database
2. **Recognition of Alumni through various awards programs**
3. **Collaborate with student organizations to create opportunities for alumni to meet and network with students**
4. **Strengthen partnerships with the Industry community and increase community participation in Industry-sponsored events and increase alumni involvement in guest lectures and industry visits.**
5. **Promote Alumni giving to various fund-raising activities for student development**

**Table 1.7: Objectives with Five Yearly Targets**

Objectives/Targets	2020-21	2021-22	2022-23	2023-24	2024-25
Alumni Meet	1	2	3	3	3
Alumni Interaction sessions & Sanjivani My Story Board	05	08	10	12	15
Updating Alumni Database	800	900	1000	1000	1000
Collaborate with student organizations to create opportunities for alumni to meet and network with students	10	12	14	16	18
Strengthen partnerships with the Industry community and increase community participation in Industry-sponsored events	08	10	12	14	16
Promote Alumni giving to various Fund-raising activities for student development	1.0 L	2.0 L	3.0 L	4.0L	5.0 L



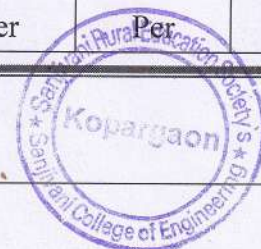
## 8] Improve Faculty Qualifications, Skills and Outreach

### Objectives:

1. To improve faculty qualification (Ph.D.)
2. Faculty skill development
  1. Online Courses and Certifications
  2. Faculty involvement in attending FDP/STTP/Workshops/Conferences
  3. Faculty involvements in terms of delivery in expert lectures, FDP, STTP, workshops and Capsule courses based on their domain expertise
  4. Faculty Industry Visits, Connect and Training
  5. Involvement of Faculty in Capsule courses based on their domain expertise
3. Identify various skill sets available in the Department and plan for up skilling of aspirants
4. Faculty training for effective implementation of OBE/NEP2020
5. Faculty Awards and Recognition

Table 1.8: Objectives with Five yearly targets

Targets / year	2020-21	2021-22	2022-23	2023-24	2024-25
To improve faculty qualification (Ph.D.)	30	40	50	60	70
Online Courses and Certifications	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty
Encourage faculty for attending FDP/STTP/Workshops/Conferences etc.	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty
Faculty involvements in terms of delivery in expert lectures, FDP, STTP, workshops and Capsule courses based on their domain expertise	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty	Min. One by each Faculty
Faculty Industry Visits, Connect and Training	20 %	20 %	30 %	30%	40 %
Involvement of Faculty in Capsule courses (CC) based on their domain	1 CC Per	1 CC Per	2 CC Per	2 CC Per	2 CC Per



Targets / year	2020-21	2021-22	2022-23	2023-24	2024-25
expertise	Semester per Dept	Semester per Dept	Semester per Dept	Semester per Dept	Semester per Dept
Identify various skillsets available in the Department and plan for up skilling of aspirants	2 activities per Dept	2 activities per Dept	3 activities per Dept	3 activities per Dept	4 activities per Dept
Faculty training for effective implementation of OBE/NEP2020	2 training programs	2 training programs	2 training programs	2 training programs	2 training programs
Faculty Awards and Recognition	Every Yr	Every Yr	Every Yr	Every Yr	Every Yr

### 9] To Establish and Enhance International Collaborations and Linkages

#### Objectives:

1. Ensure students participation and exposure at International Platform
2. Interaction of International University Professors with Faculty and Students
3. To prepare Joint-Research proposal with International University Professors as Collaborative work

Table 1.9: Objectives with Five yearly targets

Objectives /Targets	2020-21	2021-22	2022-23	2023-24	2024-25
Students' participation at International Platform	65	110	155	200	245
International University Professors interaction with Sanjivani Faculty/ Students	18	27	36	45	54
Joint-Research proposal with International University Professors	01	02	03	04	05



## 10] To Ensure and Improve Internal Quality Assurance Processes

### Objectives:

1. Set/review quality benchmarks for various academic and administrative processes of the Institute.
2. Facilitate the Student satisfaction surveys for exploring the level of quality for academic and other facilities.
3. Conduction of Academic and Administrative Audit. (AAA)
4. Conduction of Green Audit, Energy Audit and Environmental Audit

**Table 1.10: Objectives with Five yearly targets**

Targets / year	2020-21	2021-22	2022-23	2023-24	2024-25
Set/review quality benchmarks for various academic and administrative processes of the Institute.	NBA: 02 Program,  NIRF Participation	NBA: 02 Program,  NIRF Participat ion	NBA: 03 Program,  NIRF Participat ion	NBA: 03 Program,  NIRF Participat ion	NBA: 04 Program,  NIRF Participatio n,  NAAC with A+ Grade
Facilitate the Student satisfaction surveys for exploring the level of quality for academic and other facilities.	Twice in a year	Twice in a year	Twice in a year	Twice in a year	Twice in a year
Conduction of Academic and Administrative Audit. (AAA)	Every year	Every year	Every year	Every year	Every year
Conduction of Green Audit, Energy Audit and Environmental Audit	Every year	Every year	Every year	Every year	Every year

## **Effective Implementation of Strategic plan:**

- Strategic plan prepared at Institute level by considering the goals identified
- Sets of objectives prepared with detail action plan by taking feedback from different stakeholders as well brain storming discussion and reviews by a team consisting of Management Representatives, Director, Deans and Heads.
- Quarterly review of strategic plan is conducted w.r.t. objectives, action plans and its effective implementation.
- The issues and challenges considering the expectations from new recruits, technology upgradations, opportunities from different sectors at local, state and global level, Academic practices, implementation of OBE and NEP 2020 are addressed and incorporated to provide quality education to the students, faculty up skill developments and overall growth of the Institution.



**DIRECTOR**  
**Director**  
**Sanjivani College of Engineering**  
**Kopargaon**

