



SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The Vision and Mission statement of our institution clearly pointed towards rural based education and development of the rural people at large. A value based education based on the autonomous curriculum which combines with the core values attached for the improvement of the students. The institute is 20 years old, and has a strong bonding with the local and rural people of Tamilnadu. The institute wishes to emerge as a Centre of Academic Excellence by providing students opportunities for teaching the subjects to earn the desired degree and also help them to gain knowledge and skills in subjects beyond the course to make the students ready for the present global job market and mold them to skilled professionals. The institute promotes innovation, research and development for the faculty and students. Some projects are identified and the institute promotes and sponsors them to encourage their zeal towards research. Often the students come up with innovative ideas for startups which are funded by the Management through various lab equipment. For upgrading faculty skills the institution encourages and sponsors them for Ph.D., research, seminars, conferences. Publication of articles and papers and membership of professional bodies are supported by the Management. This has resulted in a good number of publications to direct the institute to achieve its goal to become a centre of excellence. The institute also creates an enabling environment to foster research culture. The college makes information related to research and innovation available by circulating related notices. The institute organizes different activities to enhance the students' personality. Students are trained and groomed to enhance their Employability skills by imparting technical training, Soft skill, GD and Aptitude classes etc. to make the student industry ready to face the current job market successfully. To upgrade their knowledge and enlighten them on the present trends of technological advancements, regular lectures by eminent professors and industrialists, seminars, workshops, quiz contests are conducted. Majority of students have emerged as professionals of high level and they are pursuing successful careers in various MNCs and corporate houses. Apart from the above activities our institute offers a best in class of Entrepreneurship Activities in different dimensions to bring out the entrepreneurial talents among the students through frequent organizing of Entrepreneurship Awareness Camp with the support of Entrepreneurship Development Institute of India, Ahmadabad. Some students have become entrepreneurs and established their own companies with the support of this cell. Also our institution gives priority to Co curricular and Extra Curricular activities and physical activities, such as Sports, Cultural, Yoga, and Meditation etc.





SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956

NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Strategic Plan

The Institute has prepared a strategic plan to fulfill the infrastructure, Academic Development, extracurricular activities, Sports, Cultural and defined target for the infrastructural facilities and academic development of the Institute. These targets have been set with extensive consultation with all stakeholders, faculty, alumni, management and industry.

Perspective plan of the Institute for the period of 2021-2025,

- NAAC Accreditation with 'A+' Grade
- NBA Accreditation for eligible programmes
- To have 50% of the Faculty with Ph.D qualification.
- Promote industry-institution collaboration with top MNCs.
- Enhance the research and consultancy activities
- Renovate infrastructure facilities and support systems
- Introduce new programmes on current trend domains
- Improve the teaching learning process
- Enhance the Alumni interaction and outreach activities
- Conduction of training and value added courses
- Empower the EDC and WEC activities

Deployment of Strategic Plan

- NAAC Accreditation with A+ Grade
 - More focus will be given to Teaching –Learning and Research & Development to attain NAAC with A+ grade in the second cycle of accreditation
 - Best practices and innovation are to be more focused.
- NBA Accreditation for eligible programmes
 - It is necessary to acquire all the eligible UG programs accredited by NBA from time to time.





SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956

NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



- o Strengthen the departmental activities to meet the growing needs in academia and research.
- To have 50% of the Faculty with PhD qualification.
 - o Encourage faculty to register for Ph.D.
 - o Support faculty who have already registered to complete their Ph.D.
 - o Provide financial support for participation and publication
- Promote industry-institution collaboration.
 - o Enhancing the number of MOUs with Industry and revisiting the existing MOUs based on its merits.
 - o Collaboration with Industries for research and innovative projects.
 - o Increasing the connect with the Industry through guest lectures and expert's talk
 - o Increase industrial visits/internships and make it more accountable.
- Enhance the research and consultancy activities
 - o To enhance the quality of research publications by motivating faculty to publish in SCI/Scopus indexed journals.
 - o Focus on increasing the external funded research projects
 - o Fostering Industry sponsored R&D projects.
 - o Enhance the Consultancy projects.
- Renovate infrastructure facilities and support systems
 - o Academic infrastructure to be strengthened further
 - o Renovate the laboratories and computing facilities
 - o Online access materials shall be provided
 - o To upgrade the internet bandwidth to support the continuous utilization
- Introduce new programmes on current trend domains





SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956

NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



- o Introduction of new courses on current trend domains such as Cyber Security, Artificial Intelligence and Data Science
 - o Curriculum and Syllabus shall be framed and get approval of BoS

- Improve the teaching learning process
 - o Implement pedagogical innovations: OBE, active learning, open ended experiments. Extended classrooms (virtual class rooms): Lecture capturing.
 - o Blended learning: E-learning, virtual labs, NPTEL/MOOCs,
 - o Comprehensive course implementation.
 - o Encourage self-learning techniques.

- Enhance the Alumni interaction and outreach activities
 - o Improve the involvement of alumni in all the aspects of Institutions development by collaborating with them in placements, guest lecture, mentoring students in various projects, mentoring incubate, research and development, consultancy.

- Conduction of training and value added courses
 - o Skill development training programmes to be conducted for faculty enrichment
 - o To meet out the industry requirements value added courses to be conducted for the students

- Empower the EDC and WEC
 - o Encourage more campus companies to provide start-up opportunities for our students.
 - o Conduction of idea competition start up challenge
 - o Provide the necessary infrastructure for incubating the ideas and start up
 - o Enhance the EDC activities and programmes





SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956

NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



- o Enhance the activities and programmes of WEC to leads a healthy/wealth life style of women faculty and students

