

SRI SAIRAM INSTITUTE OF TECHNOLOGY

EXECUTIVE SUMMARY

INTRODUCTION

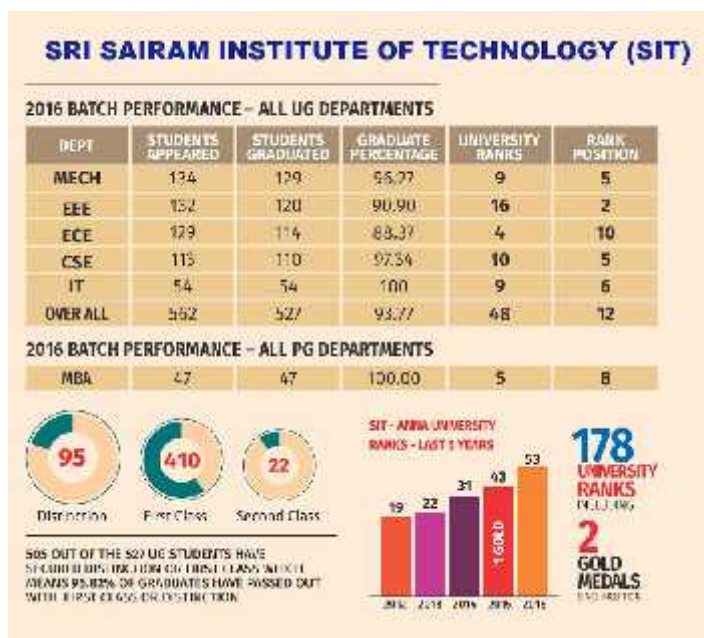
SRI SAI RAM INSTITUTE OF TECHNOLOGY (SSIT), one of the premier institutions in Tamil Nadu is approved by All India Council for Technical Education (AICTE), a zenith division of the Government of India. This incredible institution is located in South Chennai. “Prosperity through quality education”, is the motto of the institution and hence, the institution has its own reputation for its quality education in the society. SSIT is an ISO 9001:2008 Certified Institution, which has been pioneered in the year 2008 by a great Philanthropist, MJF.Ln. LEO MUTHU, Managing Director of LEO GROUP OF COMPANIES in the name of “SAPTHAGIRI EDUCATIONAL TRUST” at Sai Leo Nagar, near Tambaram. The institution has been fortune to have the ingenious management, for their prudence to provide leading-edge opportunities and infrastructure for the students to excel in all aspects: Academic, Professional, Leadership, Entrepreneurship development to face the Global challenges. Since its inception, the institution has received wide recognition among the public and it has been consistently ranked among the top ten engineering institutions under Anna University in Tamil Nadu. It also pictures regularly in the National Institute of Ranking framework (NIRF) in the rank band of 151 to 200.

Serene Atmosphere is maintained in the campus with modern amenities to create a good environment for the faculty and students. This evergreen beauty always refreshes everyone’s mind with fresh thoughts every day. Around this sylvan surroundings, the institution is constructed in an area of 38,936 sq.mt at Sai Leo Nagar, West Tambaram with all essential and suitable infrastructural facilities with regards to the Classrooms, Smart Class rooms, Project Lab, Workshops, Drawing Halls, Laboratories, Air-conditioned & Computerized library, Computer centers, CAD/CAM Laboratory, Audio Visual (A/C) Hall, Seminar Halls, A/C Theatre, Canteen. The institution also has an excellent Sports court with various sizes and dimensions (for both indoor and outdoor), with a view to have the best practice in the genre of Sports. Round –a-clock internet facility with 145 Mbps speed is provided for more than 590 computers and the whole campus has

wi-fi connectivity with 24 hours power backup, Nodes and Application Software. SSIT has an auditorium named SIGMA with a seating capacity of 1200 at a stretch. It also has Leo Muthu Indoor Stadium, with the seating capacity of 8000 people at a time. This stadium also includes SSR lecture theatres with Dolby digital surround system. The institution has its own perennial water resources with RO purifier to cater the purified water to the whole campus. Within the campus, Local Call System, Courier Service, big Stationery store and the core banking facility from Central Bank of India, Pallavaram with 24 hours ATM service are there to help the students and faculty. The institution provides Health Care Hospitals with ambulance facilities as well Resident Medical Consultant and Psychiatric Counselor for the students. The institution has an excellent House Keeping System within the campus. Besides, a standby power generator - 250 KVA is provided in the campus to take care of the occasional power shut down due to maintenance.

Currently, the institution has six departments in UG (EEE, ECE, IT, CSE, MECH and Civil) and one in PG (MBA), with 201 Teaching faculty and 101 Non - Teaching staff. Currently, the institution has admitted 2548 students with an intention to provide quality education. The institution permits nearly 40 students in the class (higher semester), for an effective teaching –learning process. As a result, from the academic year 2011 -12, the institution has totally produced 178 University rank holders including two Gold Medalists. Consistently, the institution is also gradually working hard to produce good results. The institution always encourages the meritorious students through cash awards. Apart from this, the institution has a good record of placement and nearly 90% of the students are placed every year. Through its incessant effort, it creates smart workers with human ethics to build a better nation in the society.

SRI SAIRAM INSTITUTE OF TECHNOLOGY – 2016 BATCH PERFORMANCE (



The institution aims at creating a conducive learning environment and helps its students in achieving 360 degree development. Apart from this, the institution also organizes the National and International level Seminars, Symposia and conferences and WEBINARS to instigate research interest among the students and faculty as well. Students of the institution are also encouraged to participate actively in intercollegiate activities and Zonal level competitions, which is conducted in and around the state. The institution has created around 34 clubs to promote the extra -curricular activities as well it has a vibrant celebration of SITFEST - Institution and Cultural Day with the good theme, which is relevant to the current scenario.

In addition, the institution also encourages the students to excel in extra-curricular activities like NSS, YRC and NCC –Medical Unit function, with a view to create social responsibility in the minds of the students. Sports play a vital role in the institution, where the students are always encouraged to participate in various sports activities, particularly in Anna University Zonal Level competitions.

The institution affords hostel facilities for boys and girls separately. The rooms of the hostel are well – furnished and the hostel mess supplies delicious food (both vegetarian and non-vegetarian) in a hygienic way. The surrounding of the hostel has a good sanitation

system and it has well –furnished study room, gym (boys) and computer center. All these facilities make the stay easy for the hostel students.

COURSES OFFERED

- **B.E [Computer Science& Engineering]**
- **B.E [Electronics & Communication Engineering]**
- **B.E [Electrical & Electronics Engineering]**
- **B.Tech [Information Technology]**
- **B.E [Mechanical Engineering]**
- **B.E[Civil Engineering]**
- **M.B.A[Master of Business Administration]**

VISION

To be identified as a “Centre of Excellence” with high standards of Knowledge Dissemination and Research opportunities and to transform the students to imbibe qualities of technical expertise of international standards and high levels of ethical values, who in turn shall contribute to the advancement of society and human kind.

MISSION

We shall dedicate and commit ourselves to attain and maintain excellence in Technical Education through commitment and continuous improvement of infrastructure and equipment and provide an inspiring environment for Learning, Research and Innovation for our students to transform them into complete human beings with ethical and social values.

QUALITY POLICY

We at Sri Sai Ram Institute of Technology are committed to build a better nation through Quality Education with team spirit. Our students are enabled to excel in all values of Life and become Good Citizens. We continually improve the system, Infrastructure and Services to satisfy the students, parents, industry and Society.

The pride of the institution has been proved through various awards:

- **The Society for Educational &Entrepreneurship Development (SEED) has awarded the Best Institute of Work, 2017 to the Institution.**

- The Institution is ranked within 151-200 bands in NIRF ranking 2016, conducted by MHRD, New Delhi.
- The institution has established the various centre of excellence for Auto Desk, Robotics, Artificial Intelligence, Data Science and Big Data Analytics, Oracle, E-Yantra, funded by MHRD.
- The institution has won the longest continuous student branch counselor for 2016, from Computer Society of India.
- The institution has also received the Best Practices award from ICTACT for the Entrepreneurship Development.
- Confederation of Indian Industry (CII) has given an award to the institution for participating in Green Building.
- Institutional member of different professional organizations like Institution of Engineers in India (IEI), Institute of Electrical and Electronics Engineers (IEEE), Society of Automotive Engineers (SAE), Computer society of India (CSI), Indian Concrete Institute (ICI) and ISTE (Indian Society for Technical Education) has been certified to the institution.
- The institution has received an award from Indian Society for Technical Education (ISTE) for Research and Development.
- The students have participated in the Hackathon and have won the prize.

Other Notable Awards -Faculties:

1. Dr. K. PALANI KUMAR, Principal, has been selected as one of the top 1% peer reviewer in the world for reviewing top scholarly journals.
 - a. BEST PRINCIPAL – SEED
 - b. BEST DEPARTMENT – SEED
2. Dr. Tharanimmai, Senior Librarian, has received the best librarian award from Madras Library Association, 2017.
3. Dr. Tharanimmai, Senior Librarian, has received an award of Certificate of Appreciation from NPTEL, IIT MADRAS for the instrumental role as SPOC for the NPTEL Local Chapter, for the period of JUL-DEC 2017 Semester.
4. Dr.B.Sreedevi, HOD/CSE, has been awarded the longest student branch counselor for 2016 from Computer Society of India.

- 5. Dr. V. Brindha Devi, HOD/IT, has received an award of Certificate of Appreciation from NPTEL, IIT MADRAS in recognition of the role as mentor for the NPTEL Online Certification Course – Introduction to Internet of Things, for the period of JUL-DEC 2017.**
- 6. Dr. K. Bharanidaran, NSS Programme officer, has received “Award for Mobilizing Voluntary Blood Donors by the Madras Voluntary Blood Bureau.**
- 7. Ms. E. Maheswari, Associate Professor in the Department of Electrical and Electronics Engineering, has been awarded Dr. A.P.J. Abdul Kalam Award of Teaching Excellence.**
- 8. The Department of EEE has received “Teaching Award in Engineering”, this is given by Staffordshire University & Education Matters ON March 13 2014.**

SWOC ANALYSIS OF SRI SAIRAM INSTITUTE OF TECHNOLOGY

STRENGTHS:

- 1. The college functions with a dedicated Management, who strategically plans its policies and procedures to fulfill its Mission and Vision.**
- 2. The institution has been listed in the 151 to 200 rank bands by NIRF.**
- 3. The college has a splendid infrastructure with outstanding facilities like Smart Class rooms, Well-equipped Laboratories, Air-Conditioned and Computerized Library (along with Learning Resource Centre), Audio-Visual Hall (A/C), Seminar Hall, SSR Theatre, Project Lab, Auditorium, and Indoor Stadium.**
- 4. Well-furnished administrative office, Board room, HOD’s Cabin, VIP cabin, Staff rooms, Airy, neat and spacious class rooms are provided in the institution.**
- 5. The institution consistently maintains a constant record of University ranks, Progressive admission and best results.**
- 6. Our college has experienced, Committed, approachable, sincere and highly qualified faculty members to provide high standard of teaching.**

7. Our college has established the IEDC (Innovation and Entrepreneurship Development centre), sponsored by Dept. of Science and Technology, GOI, wherein every year five best student projects are selected and awarded Rs.1 Lakh for bringing out the project in the form of a new product.
8. Course content of Learning Management System (MOODLE) is shared through online to the students.
9. Effective monitoring of the students' progress is done through EDUMATE WEB PORTAL.
10. Memorandum of Understanding (MoU) with reputed Industries and Institution are signed to bring them strategically closer.
11. The institution is ISO certified and the ISO implementation process is done in all the aspects of administration and academic activities through vigorous auditing.
12. **Dedicated and committed faculty members with an average of 10.88 years of teaching experience with flair aptitude for Research and Development with diverse research interest are present in all the departments.**
13. The Institution maintains a good record of Staff retention (faculty retainment), which shows the job satisfaction of the employees for a long period.
14. The institution conducts Special coaching classes for professional courses such as UPSC /IAS (Indian Administrative Service), the most prestigious civil service of Government of India and GATE (Graduate Aptitude Test in Engineering) for the students.
15. NCC cadet of the institution has got selected to participate in the Republic Day function, to represent the Directorate of Tamil Nadu, which is to be conducted at New Delhi.
16. **Institution has a separate cell called Higher Education Cell, where counseling and guidance given to students who aspire for higher education.**
17. Many students of the college pursue Post Graduate course in some of the top ranked universities (foreign).
18. Every year the students take interns in reputed organizations.

19. The Institution has received ISTE (**INDIAN SOCIETY FOR TECHNICAL EDUCATION**) award for three consecutive years and the students always get best outgoing students award from ISTE.
 20. The college has achieved the Centre of Excellence on “Data Science and Big Data Analytics” in association with DELL EMC and ICTACT.
 21. CAMPUS INTERACTION- a portal which is exclusive for placement is followed within the campus. In addition SKILL RACK classes are also conducted in the college for the students to perform well in the placement.
 22. Industrial visits are regularly arranged for our students in organizations like NLC, NARL, SHAR, LENOVA, INDIA CEMENTS, FROOTY, TCS, ICF, INFOSYS etc.
 23. SSIT has a separate Patent Felicitation centre.
 24. Students have undergone in-plant training in reputed organizations like Ford, Nissan, Hyundai, MTP, TCS, TNEB, BSNL, ETP, ZOHO, Amazon etc.
 25. The University rank holders are honored with gold coins and the gold medalists are motivated with 5 grams of gold.
- The Management provides incentives to staff members based on Students’ ranks in the University Examination as follows:

University Ranks	Incentives to Departments (Rs.)
First	80,000
2 nd to 5 th	60,000
6 th to 10 th	40,000
11 th to 15 th	30,000
16 th to 20 th	20,000
21 st to 30 th	10,000
31 st to 40 th	7,500

41 st to 50 th	5,000
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The Management motivates the (II, III, IV) year meritorious students by exempting their fee according to their CGPA and it is listed below:

CGPA	AMOUNT
Above 9.26	Full Fee
9.01 – 9.25	Rs. 10,000
8.76 – 9.00	Rs. 5,000

The Management encourages the newly joined students, who have scored centum in various subjects through cash awards and it is listed below:

SHRI. LEO MUTHU MERIT SCHOLARSHIP	
Marks in +2 (10th, 11th & 12th)	Scholarships*
Centum in all Subjects	₹ 1,00,000/-
Centum in any 2 Subjects	₹ 50,000/-
Centum in 1 Subject & Total 585 +	₹ 25,000/-
PCM with total 580 & above	₹ 10,000/-
PCM with total 570-579	₹ 5,000/-
CBSE - PCM (290 & above)	₹ 50,000/-
CBSE - PCM (285-289)	₹ 25,000/-
CBSE - PCM (275-284)	₹ 10,000/-

* Applicable for First year admissions through TNEA

WEAKNESSES:

- Flexibility in curriculum is not possible. (Being an affiliated institution delays arise in executing curriculum planning wherein the new technologies could not be followed with regards to the curriculum.)
- Intricacy in attracting core companies for some branches of Engineering.
- Difficulty in obtaining Institution- Industry Interaction for all students.
- Obscurity in getting Research Funded projects.

OPPORTUNITIES:

- The institution has an inevitable Socially recognized institution which is a boon to students' professional growth by continuous placement by reputed industries.
- Quality Education is given to the most needful rural based students.
- Alumni association is formed and it is active in improving the standards of students and the Institution as a whole.
- Orientation programs are organized to develop entrepreneurial skills among students.

CHALLENGES:

- To fulfill the gap between institution and Industrial needs.
- The impact of engineering courses is less among students due to high competition in all other professional sectors.
- Declining of interests among students in joining engineering course as they are diverted to other Professional Courses.
- Budding of more number of engineering institutions makes it imperative that students are diverted by the other institutions giving almost false promises.
- The rapid growth of various Technologies and Development.
- Need of centre of attraction of good grade output students.

FUTURE PLANS:

- To increase the learning process through digital ways by giving students e- learning and digital library aspects academically.
- To diversify and offer more programs which are the need of the hour for the welfare of the society.
- To establish research centres, (Nodal for Anna university)
- To establish the Center of excellence in emerging areas of engineering.
- To establish the renewable energy technologies in the campus to fulfill the requirements of the Society.
- To motivate faculty and students to strive hard to get funded projects from Government and reputed R&D Agencies.
- To take various measures in recycling and managing wastes on campus.

Core values of institution are listed below:

Core values provide the foundation for all the academic, student and societal programs and activities. The stated core values support the mission of Sri Sai Ram Institute of Technology.

- Encouraging students to become productive and participating citizens.
- Support the mission and vision of the Institution.
- Focus on student and stakeholder needs.
- Respond to the changing needs of our communities.
- Continuously evaluate and improve programs, services, systems, and policies.
- Promote trust through professional courtesy and fair treatment.
- Recognize and support faculty and student contributions.
- Encourage student and staff creativity, innovation, and risk-taking.
- Encourage interdepartmental collaboration.
- Ensure fair and equal access for all.
- Recognize, appreciate, and celebrate the strength of diversity.

- Facilitate teaching and learning as a shared responsibility between faculty and students.

I. CURRICULAR ASPECTS

The curriculum for the students is prescribed by Anna University, Chennai. In addition, the institution has added the content beyond the syllabus like value added activities, for developing an extra knowledge, proficiency and Entrepreneurship skills.

Knowledge based activities:

- Skill Rack development
- Communication and Soft skills development, well – furnished Laboratories
- Project Specialization
- Stress Management
- Planning and conducting effective meetings and reviews
- Entrepreneurship Development
- Campus Interaction for Training and Placement
- Edumate
- Access of Digital Library and Moodle Based Course Management System (CMS).
- Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance, Class Log Book etc,
- Effective curriculum delivery through sufficient teaching aids like LCD, VIDEO CONFERENCE, NDL AND NPTEL.
- Industrial visit and Industrial Collaboration
- Signing of MOUs
- Seminars, Symposiums, Guest Lecture, Workshop for the students
- Preparation of Time Table and Question Bank
- Effectual communication with parents (eg., Progress Report, Counseling)

SWOC

S – Privileged Rank in higher teaching-learning areas

W – Lack of autonomous status

O – Liberty to create a place of opportunities through placement.

C – Satisfying the students with varied ideas.

II TEACHING-LEARNING AND EVALUATION

- 1. Standard Admission Policies.**
- 2. Recruitment of eligible and qualified faculties.**
- 3. Pre-planned preparation of lesson plans, Time Table and Academic Calendar.**
- 4. Enhancement of well furnished classrooms, Guest Lectures through experts, Alumni interactions, Seminars, Workshops, mini-projects, Industrial Visit, Internship, Symposiums, Smart Classes.**
- 5. Innovation and Entrepreneurship Development Centre (IEDC) Programmes to enhance and encourage the entrepreneurs.**
- 6. Bridge Courses and Special Coaching classes for the weak students.**
- 7. Academic Calendar to ensure the activities of the academic year.**
- 8. Orientation Programmes for the welfare of the students.**
- 9. Quality improvement of faculty by training and research programmes.**
- 10. Effective counseling through Efficient Mentors.**
- 11. Gender equity and admission opportunities for differently-abled students.**
- 12. Feedback to plan and execute the teaching-learning method for the satisfaction of the students.**
- 13. Recent trends exposure to the students.**
- 14. Providing better learning and project outcome to enhance effectiveness among students and faculty members.**
- 15. Participation of students in competitions conducted by various organizations viz., CSI, IETE, ISTE, SAE, IEEE, ICTACT, National Instruments, Texas Instruments etc., to encourage their innovative talents.**
- 16. Arrangement of Industrial Visits for the budding engineers to various industries.**
- 17. Industry oriented programmes and certifies courses for the students, to excel in their chosen field.**

SWOC

S – Providing quality based education as well by fulfilling the needs of the students in all

aspects, irrespective of their backgrounds.

W- Lack of creating opportunities for the slow learners.

O – Value added courses for the betterment of the students.

C- Creating opportunities for the students to be placed in a core company.

III RESEARCH, INNOVATION AND EXTENSION

- 1. Participation of students in competitions, conducted by various organizations viz., CSI, IETE, ISTE, SAE, IEEE, ICTACT, National Instruments, Texas Instruments etc., to encourage their innovative talents.**
- 2. The Institution has arranged a number of Industrial Visits for the budding engineers to various industries.**
- 3. Industry oriented programmes and certificates courses for the students, to excel in their chosen field.**
- 4. Memorandum of Understanding (MoU) with reputed Industries and Institution, to bring them strategically closer.**
- 5. Research Development Programs for the students and faculty.**
- 6. Department of Science and Technology, New Delhi has funded Rs. 44 Lakhs (for five years) to IEDC cell, for the improvement emerging Entrepreneurs.**
- 7. IEDC regularly conducts three days Entrepreneurship (FD), Technology Based Entrepreneurship Development Programme (TEDP), funded by the Entrepreneurship Development Institute of India (EDI) – Gujarat.**
- 8. DST-NIMAT (2014 – 2015) has sponsored an amount of Rs. 6, 00,000 /- for DST-NIMAT Project – Entrepreneurship awareness camp.**
- 9. An amount of Rs. 47 Lakhs has been sponsored by DST, Govt., of India for the period 2015 to 2020 to Innovation and Entrepreneurship Development Centre, Grant number: 11/03/2015 NEB(C), 11/03/2015 NEB(G), dated 28th March, 2015.**
- 10. The Institution has received the Best Practices award from ICTACT for Entrepreneurship development.**

11. It creates awareness among students and faculty of Engineering, about various facets of entrepreneurship as an alternative career option.
12. The institution extends research culture through institution-neighborhood network to fulfill social responsibility through NSS, NCC and YRC.
13. The institution has organized a number of workshops/seminars conducted on IPR and Industry –Academia Innovative practices.

SWOC

S – Most of the faculty pursue Ph.D in various disciplines and guides the students.

W- Lack of attendance.

O- Getting funds from Government Agencies for Patents and incubation centers.

C- Lack of Time Management (to concentrate in project and academic activities).

IV INFRASTRUCTURE AND LEARNING RESOURCES

1. An extra-ordinary infrastructure, which is constructed in an area of **38,936** sq.mt, and so creates good ambience.
2. Excellent Class Rooms, Smart Class rooms, Central Library, **Digital Library – Learning Resource Centre** and Department Library, SSR Lecture Theatre for an effective Teaching and Learning Process.
3. Well – furnished Administrative Office, Board room, HOD's Cabins, VIP Cabin and **Rooms of Faculty.**
4. Air –conditioned Seminar Halls, GD & Interview Rooms, Auditoriums, Laboratories, IEDC Cell, Placement Cell, R&D Cell, Examination Cell etc.,
5. Well – equipped Laboratories with the **major equipments and machines.**
6. Comfortable sick rooms, Yoga & Meditation rooms for all the students and amenities like Gym, Internet, Library facilities for the Hostel Students.
7. Availability of indoor and outdoor sports facilities.
8. Health care hospitals with ambulance facilities as well Resident Medical Consultant and Psychiatric Counselor for students.
9. Bank along with ATM, Local Call system, Courier Service, Reprographics, Stationery store etc are provided.

10. Round –a –clock internet facility with **145** Mbps Speed for more than **590** computers and Wi-fi connectivity with 24 hours power backup, Nodes and Application Software are available.
11. An Excellent House Keeping Maintenance within the Campus.
12. Installation of **50 Grid connected solar panels** with **50 kw peak** power to get the renewable energy source is under process.
13. Adequate number of ICT enabled class rooms/Tutorial rooms for each department.
14. A conference /board room is established to hold board meetings.
15. Centralized computer centre, well-equipped laboratories with exclusive machines and major equipments.
16. Well-built library with **29,615** books besides the digital library to access e-journals & e-books.
17. An Excellent transport facility, which covers all areas.

SWOC

S- Facilities are provided in all aspects to the students.

W- **Lack of involvement among students in the field of research.**

O- Enhancement of employability.

C- To modify the infrastructure according to the curriculum revision and to provide sound knowledge in higher technology like IIT.

V STUDENT SUPPORT AND PROGRESSION

1. The institution has **201** well – qualified and experienced faculty and skilled 101 Non-Teaching faculties. This year, 2548 students have been admitted and every year, the students have taken as interns in the reputed companies.
2. The Management encourages the meritorious students by providing merit scholarships. So far around 585 students have been encouraged through merit scholarship by the management.
3. **In the academic year 2016 – 2017, 25% of the students (SC/ST, BC) are** benefitted through Government scholarship schemes.

4. CSI, IETE, ISTE, SAE, IEEE, IEI Professional Society chapters and various Club activities are launched for the students.
5. Sports have been conducted regularly to bring out their inner skills as well to improve the physique of the students. Average of sports and cultural activities/ competitions is organized at the institutional level per year.
6. Every year, nearly 90% students from various disciplines are placed in the reputed organizations.
7. Alumni association functions effectively through Alumni Meet and Guest Lectures, in order to exhibit the latest trends in the chosen field.
8. Special coaching for GATE, I.A.S, I.P.S, GRE, TOFEL examinations are arranged for the students.
9. Remedial coaching, Career Conseling and Personal Counseling are given to the required students. Soft skills and Language Lab is also provided to the students to enhance the communication, comprehensive and aptitude skills.
10. The institution has a transparent mechanism to redress the issues like ragging cases and sexual harassment.
11. A number of Alumni Association/Chapter meetings have been held during the last five years.
12. Vocational Education training is given to the students by all the departments.

SWOC

S- Students excel in all aspects and are encouraged through various scholarships by the Management.

W- Inadequate participation of the students in the extra-curricular aspects.

O- Various opportunities are provided in the field of research, placement and also for the higher studies and IEDC.

C- Heavy competition among the students for getting job in the core company.

VI. GOVERNANCE, LEADERSHIP AND MANAGEMENT

- 1. The institution conducts periodical meetings like General Council, Academic Council, MRM, IQAC, Institutional, Staff and Class – committee meetings.**
- 2. Activities of the Internal Quality Assurance Cell are administered effectively by the institution.**
- 3. System of effective financial management of the Institution and Department is maintained by the institution.**
- 4. Feedback of the stakeholders is updated periodically.**
- 5. Assessment of academic performance is done through Internal & External ISO Audit.**
- 6. As per the norms of the AICTE, eligible faculties are recruited by the institution every year.**
- 7. The Management and stakeholders have cordial co-ordination as well an excellent administrative system is followed in the institution.**

SWOC

S - Management and stakeholders have good bonding in all aspects. Active functioning of various cells along with IQAC improves the various facets of the Institution.

W- It is difficult to receive the feedback from the Employers.

O- The Management encourages (through financial aids) the faculty and students by organizing many research programs.

C- Deployment of emerging technologies to address the efficient utilization of Infrastructure and resources

VII. INSTITUTIONAL VALUES AND BEST PRACTICES

- 1. CTLP (Cohesive Teaching Learning Practices) and Blooms Taxonomy are followed by the institution with the focus to have an innovative practices in the academics.**
- 2. Mentoring system is followed effectively in order to achieve the student's standard goals both in academics and personal life.**
- 3. Equal opportunities are given to both the genders in terms of admissions, employment, training programmes, sports activities etc., to avoid gender issues.**

4. 23 % of power requirement of the institution is balanced through Green energy source and Renewable energy source.
5. The institution has participated in Digital India (Swaj Bharath of India).
6. NSS students have approximately planted 15,000 saplings in last five years in areas like New by-pass from Ennore to Vandalore and Sai Leo Nagar. So, the institution has received Green campus award for best Green Practices.
7. Employability Skill is inculcated within the graduates through professional and ethical attitude, effective communication proficiency, team work skill, multidisciplinary skills.
8. The institution engages the students with perfect learning, good understanding as well as excellent exposure to new methodologies to place themselves in IT industries and Core Companies.
9. Regular practice is given to all the students using the software called “Skill Rack” and they are also trained to apply knowledge for analyzing and interpreting data to become a good entrepreneur.
10. The institution also provides best practices to use the renewable energy resources and so the students are exposed to active and passive solar techniques.
11. The institution extends research culture through institution-neighborhood network to fulfill social responsibility through NSS, NCC and YRC.
12. The institution has installed the Grid connected solar panels, with 50 kw peak power, therefore many personal computers, fans tube lights and network switches are operated with this solar power.

SWOC

S - The institution provides regular and best practices in academics, mentoring system, placement, employability developmental skill, greenery& cleanliness, waste management & renewable energy resources and extra-curricular activities.

W- Outside trainers are hired from reputed institutions for regular skills rack and GD training.

O-Good Scope for the improvement of the students in all phase.

C- To maintain the go green scheme (natural disaster) and to balance the academic with

employability skill development.

CONCLUSION

In the future, the institution plans to have the Centre of Excellence in emerging areas in the field of Engineering & Technology and Research Nodal Centre of Anna University within the campus, as well it plans to meet the contemporary technological needs. **The institution will disseminate astonishing development in all aspects in a meticulous way.** The institution plans to establish more number of UG & PG programs and certificate and value added courses in the emerging areas to cater the need of the changing society. The institution will also work continuously to get more number of patents and sponsored projects from the Government and reputed R&D Agencies and more number of consultancy projects. It also aims to produce entrepreneurs through R&D Business Incubation Cell. It will also shape the students to become entrepreneurs in the society. The institution also plans to establish P.G Programs in all the Engineering disciplines. In addition to this, the institution will also strive hard to get more number of MoUs with Foreign/National Universities/Industries with a view to send students to abroad for their higher studies. In addition, in the forth coming years, the institution will also have more number of **doctorates in all the departments**. Besides, the institution will try its best to get the NIRF **rank** within 100 in future, where now the institution is placed within 151-200. Further, the institution also plans to establish the Green renewable energy technologies in and around the campus to fulfill the requirements of the Society. Thus, in the forth coming years, the institution endeavors to offer more programs, as it is the need of the hour. **In the conclusion, the institution will commit itself to build a better nation through Quality Education with team spirit to produce good citizens with ethical and social values.**