

Sri Shanmugha College of Engineering and Technology

12th Annual Day Report

12.05.2023

Distinguished the day's guest , Respected guest of honour, Chairman of the Governing Body Our Highly Industrious person respected Chairman, Vice Chairman, Secretary, Joint Secretary, Executive Director, Principals of Nursing, Pharmacy and Allied Health Sciences, Deans, Heads of the Departments, Professors, the Teaching and Non-Teaching fraternity, Members of the Alumni Association, Beloved students, dear parents, dear Ladies and Gentlemen media and press, I deem it a privilege to welcome you all to the 12th College Day Celebration. The academic year 2022-2023 threw open many challenges to educational institutions across the globe. The COVID-19 pandemic and the subsequent lockdown due to second and third wave disrupted the regular teaching-learning and evaluation process, and the co-curricular and extracurricular activities of all the institutions.

But SSCET faced these challenges with its habitual zeal, and, in the spirit of magic, adapted to the changing demands in the educational scenario. When the students were unable to come to the portals of SSCET, the college adopted the newer tools of technology with resource materials satisfied the stakeholders as par with global standards in catering education, the college continued its service to the society at large, by creating a virtual college with high facilitated smart learning atmosphere. The academic year opened avenues for exploration, especially in the field of technology.

Technologically supported pedagogies were adopted, and student and staff supportive activities were organized by filling the gaps, and reaching out to many students, efficiently and effectively, and retaining the quality of education, the management tried out all possible means to satisfy the stakeholders as recommended by the committee of UGC and NBA, with all the necessary protocol in place, and the whole setting was under the constant vigil of the administrators and officials. At this juncture, I would like to thank the Officials, Teaching and Non-teaching staff and students for their tremendous efforts and unremitting support rendered throughout this academic year.

The academic environment that SSCET provides and never stops with just a sharing of knowledge, but paves newer ways to think and create a better world for tomorrow. With this mission, we set forth our goals in the years to come. Thankfully remembering God for his infinite blessings, and Professors and Alumni who had been behind the success of SSCET's development. In all its endeavours, I feel elated in presenting unto you the Annual Report of our college that has gracefully sailed into its 12th year as **Iyarkai 23**.

I would proudly say that this year is a year of accomplishment and sagacious victory for SSCET. We have applied for NAAC and put ourselves through the acid test before the inspection

committee and we are successfully accredited with 'A' grade with a score of 3.12 out of 4 by National Assessment and Accreditation Council.

National Board of Accreditation (NBA) which is constituted by All India Council for Technical Education (AICTE) has tremendously accredited the department of Electronics and Communication Engineering for next three years i.e, from June 2022 to June 2025. At this juncture I am very happy to share that the same NBA Committee too made a compliance visit to the departments of Mechanical Engineering and Computer Science Engineering on 10.06.2022.

Here at SSCET, we ensure effective curriculum delivery through structured and documented process since from its inception and that's why with seer determination and achieving our vision mission we have planned to submit the Annual Quality Assurance Report of the continuing education of Sri. Shanmugha College of Engineering and Technology on 30th May 2023.

5th Graduation Ceremony:

5th Graduation ceremony was held on 2nd October 2022. we were extremely pleased to receive the **Man Moon of India, Padmashree Mylswamy Annadurai, Former ISRO and Scientist** to be the sparkling guest of the day's ceremony. Nearly 350 degrees were conferred to various branches of B.E and B.TECH Students and Post – Graduate students too. **Our students have achieved 8 university ranks** in the Anna University in different branches of studies. Examinations conducted during the academic year 2021-2022 and quiet luckily achieved one gold medal by **J. Krishnan of Agriculture Engineering Department**. Once again the management, trustee, principal and all teaching fraternity congratulate him on his achievement.

Alumni Meet '22

We have conducted Alumni meet on 3rd October 2022. Around 200 students participated in the meet. All our Alumnus are asked to recall their past memories that they had enjoyed here at shanmugha and later on they were asked to share their experiences with us.

Freshers Day Celebration:

Freshers' Day was celebrated on 12th November 2022 for the 12th batch stakeholders of B.E/ B.Tech. This programme was gloriously and gracefully solemnized and inaugurated by the distinguished Chief Guest **Dr. A. Kavidasan** and **Thiru. Venkatesa Narayana Swamy, Founder, Innovative, HR Training Services Pvt Ltd**. If I do not acknowledge the admission department it won't be nice. It is they who worked hard to show a better revolution in the strength of admission. At this juncture I feel proud to say that there is no inflation in admitting the students to our college but there is a tremendous increase of students year after year.

UGC VISIT for getting Autonomy:

This year we planned to reach another milestone of success, that is getting autonomous status for our institution and we strived and proved our maximum effort to take this institution to a higher

level. With this generous exemplary effort we gloriously received the bench of committee from UGC. A bench of six members comprising **Dr. S. Kasi Viswanathan, IIT, Chennai, the chairperson, Sh. Deepak Vats , Joint secretary UGC, the Coordinating Officer, Dr. R. Malaiyazhamoorthy, Principal, Government College of Engineering,Salem, the State Government Nominee., Dr. Jaideep Talukkar, Sicilicon Institute Of Technology, Bhuvaneshwar, Dr.N..N.Kishore, IIT, Tirupathi,** the member, UGC and **Dr. K. Murugan , Anna University, Nominee.** The visit started on 25th February 2023 in the forenoon and came to an end with cultural programmes on 26th February 2023. At this juncture I wholeheartedly render my sincere gratitude to my teaching and non-teaching fraternity for having rendered a wonderful support and effort in preparation for our UGC expert visit with full of positive energies.

ISO Audit:

We have successfully completed our ISO audit to ensure the quality of the service that we contributed the certification is now extended for another year.

AICTE- idea lab:

AICTE has launched a scheme for establishing AICTE-IDEA (**idea, development, evaluation and application**) Lab for encouraging students for **application of Science, Technologies, Engineering and Mathematics (STEM)** fundamentals towards enhanced **hands on experience and learning** by doing. With this higher motif a proposal is being submitted by the department of Mechanical Engineering to start up an idea lab which would once again take the stakeholders keep updating the recent trends. After setting this lab not only the stakeholders of mechanical can utilize this lab but also the ECE and CSE students can also be benefitted..

National Science Day 2023

National Science day was conducted on 28th February 2023, where our first year students of B.E and B.TECH made the event meaningful by exhibiting various projects and presenting papers on various topics. On behalf of Raman's effect day we invited **Dr. N.Shivkumar , Professor of Physics, Chickaiyah Naiyakkar College, Erode.** During the programme he inspected the Project Expo and motivated the students to go for higher venture.

Women's Day '23

I am very proud to say that here at SSCET, we use to celebrate International Women's Day every year. usually this year, on March 8th it was celebrated by inviting the chief guest **Mrs.Kirthikaa Shivkumar, Executive Director, Indian Public school** felicitated the grooming ladies and motivated the women of India to strengthen their education and encouraged the all women to excel in their career and jobs

PTA Meeting 2023:

Parents and Teachers are the two gurus who play a dominant role by shaping, moulding and , counselling and transforming a student to meet their career challenges and technological innovations. This PTA meeting was carried over and proceeded by Dr. G.M. Tamilselvan. This event was conducted on 03.10.2022. At the end of the ceremony parents are requested to offer their suggestions as feedback for further improvement.

Cerebrate '2023

A National Level Technical Symposium was conducted on **28th April 2023**. It was organised by all the departments of SSCET. The Inaugural ceremony was graced and kindly solemnized by the chief guest **Dr.Anbzhagan Thangavel, senior technical project manager, Robert Bosch engineering and business solutions ltd. Shri. Mukunthan Elangovan, Incubation Scientist, EDII, Anna Business Incubation Research Foundation, Thiruchirapalli was the guest of honour on the day.**

On the whole the technical symposium threw light on updating our skills with recent technological development. Students from more than 35 colleges participated in the event in various technical events conducted by our students.

Seminars and Guest Lectures:

We have organised more than **20 seminars** by all the departments and **various guest lectures** were arranged for the benefit of the students by eminent speakers from academia and industry and Anna University affiliated colleges.

Participated in outside colleges:

Our students have participated in various events conducted by various colleges in the state. Totally 325 students have participated in various symposiums, conferences, seminars and workshops, poster and paper presentations and won various prizes and brought laurels to the institution.

Faculty participation in seminar/ workshop/symposium and conferences:

Our faculty members have participated in 90 FDPs, 25 workshops, 25 seminars, 85 webinars to enhance their knowledge and dexterity in a wider range in their chosen field of studies.

Publication:

Our faculty members have published 30 research papers in national and international journals, published 4 patents and published 2 books under Anna university syllabus. One is on Data Science and another one in the field of Agricultural Technology.

Achievements in Sports:

Our students have special achievements in sports events in state and national level tournaments. I would like to list some of the significant achievements;

- Gayathri of 3rd year CSE participated in women wrestling competitions and has multiple achievements,

3 rd Tamilnadu senior wrestling (under 57kg)	1st place (Gold)
7 th Tamilnadu senior wrestling (under 55kg)	2nd place (Silver)
Tamilnadu Amateur Wrestling Association	2nd place (Silver)
6 th Tamilnadu senior wrestling (under 57kg)	3rd place (Bronze)
Tamilnadu State senior wrestling (under 53kg)	3rd place (Bronze)

- A.Satheesh kumar of IV ECE has done Nobel World Record on 3rd October 2022 by performing silambam rotation for continuous 5 hrs.
- At this juncture, I would like to reveal our future plans of the department of physical education a world class indoor stadium and an open gym for the students. These two amenities are in progress and will be completed very soon for the use of the students.

New courses:

I am very proud to say that two more programmes like M.E. Computer Science and Industrial learning and B.Tech – Cyber security are going to be introduced from the Academic Year 2023-2024 onwards for the benefit of students as per their expectation.

Examination Results

The pass percentage of the UG students as department wise: ECE - 86%, BIO MEDICAL - 82% CSE - 95%, AI&DS- 93%, MECH-87%, AGRI -100% respectively. Hence the overall pass percentage is 91%. And under post graduate level the overall pass percentage of M.E Computer Science is 97.86 percentage respectively. My sincere appreciation to all the heads and faculty of each department for their dedicated work.

NPTEL Certification

More than 40 Staff members were asked to register for online certification on different courses by NPTEL or SWAYAM. The same has been treated to 300 students too. Initially faculty community were asked to register providing they will be given on duty for writing the examinations later on the students were also given on duty for writing the examinations.

MoUs: The College signed 30 MoUs with organisations of great national and international high repute.

Bridge Course

The Department of English conducted Bridge Course (Communicative English Course) for the first-year UG students. This was a fortnight programme and at the end of the course, the students were tested based on Assessment and Learning. This has been done to the students during every odd semester.

Receipt of grants:

I am very happy to express my gratitude to Dr .G.Govindarajan for his research project entitled “**Electrospun nanofibres loaded anti microbial therapeutics to improve the efficacy against**

multi drug-resistance ? super bugs ?” the proposal of the project has been provisionally accepted for further processing. **SERB (Science and Engineering Research Board)**.The research grant allotted by SERB for the above project is 31 lakhs. For this wonderful grant, the management, principal and faculty members congratulate him for ongoing project. There is also yet another research grant project for one lakh by the department of Agricultural Department.

Scholarships (2022-2023):

The students who have scored above high marks in HSc level are encouraged and motivated by our management. Those students are given higher studies under chairman scholarships. This yeomen service is rendered to students since from its inception of the college. The students who hails from rural parts and if aspiring to do engineering, special scholarship is provided to them as a token of love and a sense of appreciation.

IQAC cell:The IQAC conducted two online programmes, with the primary objective of serving the various Mentee institutions across the nation under the UGC Scheme. The IQAC also organized Online Training Programmes, IOT, Data science, Artificial intelligence etc and a Workshop to support the task of syllabus revision.

Value-Added Courses:

8 Value Added Courses are conducted by the various departments in which many students actively enrolled themselves to learn and know more about.

Library Resource Centre:

Our SSCET’s library has a large collection of reading books, magazines and journals. Ours is a fully automated with ILMS. It comprises with 23,430 volumes of books with 5447 titles covering subject books, reference books, competitive exams, GRE, TOEFL, IELTS, General books in Tamil and English. Besides there are 51 print journals of national and international. We have subscribed more than 10 international magazines on varied subjects which can be much more useful to the both students and faculty. In all that our college library provides e-books and e-journals which are 700 in numbers besides we have 1.6lakhs e-articles to support our students in search of knowledge. Our students can also access through DELNET, PROQUEST, EBSCO, N-LIST, ELTAI, etc.

Innovation And Incubation Cell

Our college highly focusses on innovations and incubations cell. Where in number of projects will be available that the students can prefer and do their project. This incubation cell fosters, innovation, research and entrepreneurial activities in technology based areas. Some of the students from CSE, IT and ECE students are getting benefitted.

NCC/NSS Activities:

NCC and NSS are the two prime social extension activities that our college always keeps ready to shower volunteer in helping the public and as well the nation in which we live. Our college NCC

team created a lot of awareness rally in and around Tiruchengode and Erode. Similarly our NSS team under the guidance of Prof.Senthil Kumar went to nearby villages and cleaned the areas. On 15th August 2022 around 100 volunteers went to Bhavani River to clear all plastics, bottles and other rubbish papers of non - decayed matters and finally they created awareness on Clean India. I really congratulate those students for their untiring job.

CLUB ACTIVITIES:

The college engages in many student support activities in the form of various Clubs and Cells such as The Readers Club, debate club, cultural / fine arts club, Communication Club, The Environment Club, Entrepreneurial Development Cell and Innovation and Incubation Cell etc. once a week the students will be conducted competitions by all the club coordinators.

TRAINING AND PLACEMENT CELL: .

Training and Placement Cell has organized 29 drives. As of date, 156 Students have been placed in various companies and industries. A good number of companies are yet to declare the results. Over all the total percentage of overall placement record is 97% among the top most salary package is 7.5lakhs and a minimum of 2.8lakhs. I feel proud to thank the placement team for their benevolent job. .

AAKKAM 360:

Aakkam 360 is a digital learning source through which the students can equip themselves with recent technologies. This 360 programme can jointly be entertained by Puthiya Thalaimurai TV. This programme was inaugurated by Mr.Karthikeyan and our Dean Academic Prof.Babu Karruppiah welcomed the guests and gatherings.

GESTURE OF GRATITUDE.

I place on record of my sincere thanks to our chairman, thiru shanmugham for his yeomen service done to the society, Chairman of the Governing Body, and all the members of the IQAC, , Principals of Sri Shanmugha Group of Institutions, IQAC Dean, Heads and faculty, Coordinators, s Treasurer, Hostel supervisors, Coordinators of various responsibilities, non-teaching fraternity of the college, dear parents, pepul talent hub, media, and press. Thank you, one and all.