SRI RAMAKRISHNA ENGINEE RING COLLEGE
[Educational Service: SNR Sons Charitable Trust]
[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022.

Best Practices of the Institution

PRACTICE I

1. Title of the Practice: Research and Problem Solving with Interdisciplinary Approach

2. Objectives of Practice:

- To produce/develop engineers having higher level of problem-solving skills, with **inter disciplinary approach**.
- To create inquisitiveness/experimentation towards **research** and **problem solving**.ss
- To ensure higher research focus in the domain facilitating discussions and interactions amongst the members of the groups from different **departments**.
- To develop **collaborative research** at inter departmental and inter institutional levels.

3. The Context

Industries are now prioritizing advanced skills and interdisciplinary problem-solving approaches. To instil these qualities in students, a change in teaching methods is crucial, requiring educators to continuously update their skills. Introducing Translation Research to students, highlighting interdepartmental cooperation, industry ties, and inter-institutional collaboration, will enhance their creativity, innovation, problem-solving, and communication skills. Moreover, it will nurture greater adaptability, flexibility, and a broader global outlook among students.

4. The Practice

Numerous **faculty competence groups** have been formed, each comprising members from diverse departments focusing on distinct domains of Science, Engineering, and Technology. Every year, new areas of technology are identified and hence a new group is formed with the right faculty. Few Group names are as follows;

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- Materials Engineering
- Nano Composites
- Data Analytics
- Quantum Computing (New Initiative)
- Robotics and Automation
- Construction Materials and Infrastructure Engineering

- Bio Imaging and Biosensors (New Initiative)
- Embedded Systems and IoT
- Business Analytics
- Materials and Processing

For illustration, the Material Engineering Group is a collaboration of faculty members from Physics, Nano Science and Technology, Mechanical Engineering, and Aeronautical Engineering departments, working on composite materials, advanced materials, and nanomaterials. The Data Analytics group consists of faculty members from the Computer Science and Engineering, Information Technology, Artificial Intelligence & Data Science, and Master of Business Administration departments, who collaborate and perform comprehensive analyses of data to derive meaningful insights and inform decision-making processes. The benefits of such collaborative approach among faculty from diverse departments include Interdisciplinary Collaboration, Comprehensive Exploration, Resource Optimization, Enhanced Research Potential, Innovation and Progress, Accelerated Development, and Educational Benefits. The major outcomes of these groups are new collaborations, high quality research publications, patents, copyrights, new projects etc.

Practice-Process

- Attending quality improvement programmes in premier academic and research institutions and industries in the domain of the group.
- **New competency groups are formed and Peer enablement** amongst the team members.
- Active engagement of the **Center of Innovation (CoIN)** in addressing diverse problem statements sourced from research labs and industry, offering viable solutions.
- Students act as **Ambassadors/Innovative Managers**, utilizing guidance and mentorship to solve problems.
- **Collaborative research** with **Central Government research laboratories** and research departments like CSIR and DAE, Government of India.
- Guiding the students for project work from across the departments.
- Any industry problem to be solved and approached, given to such relevant competence groups for solving.

5. Evidence of Inter –Institute Success

I. Collaborative Government Funding Research Projects:

- Nano Composites group received a **DST-TDP** funding of Rs. 29 Lakhs. The substantial accomplishments arising from these projects encompass two acquired patents, publication of three patents, a book chapter, and two research papers.
- VLSI Design and Applications competency group received the funding of 27.10 Lakhs under **SERB-POWER** Scheme and the project entitled as “Investigations on

Low Cost- Power Optimized and Non-invasive Wearable Device for Measuring the Fetal Parameters of Pregnant Women".

- Faculty members from the Biomedical Instrumentation, Imaging, Signal and Computing competency group has initiated a collaborative research project funded at 18.30 Lakhs through the **DST-SERB under the TARE scheme**, partnering with **IIT Madras.** This project focuses on enhancing the bioactivity of magnesium-based implants through the development of nano coatings.
- Nano Composites competency group applied and got sanctioned the funding of 15.28 Lakhs under **MSME Innovative Scheme** and the project entitled as "Development and Deployment of Self-Sensing Cement Nanocomposite for Real-Time Health and Safety Assessments in Infrastructures"
- Faculty from Materials and Processing group received the research grant of 25.04 Lakhs from **DRDO Aeronautics Research & Development Board Grant-in-aid Scheme.** The project entitled as "Alleviation of black skin formation on Anodizing of Additive Manufactured AlSi10 Mg Alloy components and Enhancement of Corrosion Performance". The outcomes of this research projects is one research paper is published in Bulletin of Material Science Journal.
- Faculty members from the Cloud Computing and IOT competency group are involved in a project at the Sugarcane Breeding Institute, funded with ₹18.30 Lakhs from **DST-SERB under the TARE scheme**. The ongoing outcomes of this research project encompass: i) the publication of one patent, ii) a paper in a WoS journal, iii) two book chapters, and iv) six conference publications.
- Faculty members from signal and image processing competency group are involved in a project entitled as "Predictive Analytics on Early Diagnosis and Progression of Alzheimer's Disease using Deep Learning: A Precision Medicine Approach", funded with ₹18.30 Lakhs from **DST-SERB under the TARE scheme**. This research project has resulted in the publication of four papers in conference proceedings.
- Faculty from Materials and Processing group received the research grant of 8.33 Lakhs from Ministry of Mines. The project entitled as "un-diluted Recycling of Cast Aluminum Alloy containing high Fe impurity suitable for SMEs".
- Faculty from Materials and Processing group received the research grant of 28.31 Lakhs from Ministry of Mines. The research project entitled as "An optimal approach for the retrieval of value added substances from secondary aluminum black dross".
- Faculty from Materials and Processing group received the grant to organize the Innovation, Design and Entrepreneurship (IDE) Bootcamp (Phase II) to the students.
- Faculty from Materials and Processing and Electric Vehicle Technology and System Level Modelling group received the seminar grant from The Institution of Engineers (India) Coimbatore.
- Faculty from Communication and Networking competency group honored with the Indian National Science Academy (INSA)-Visiting Scientist in Indian Institute of Technology, Kharagpur and received the grant of 0.9 Lakh.
- Faculty from Data Science group receive the fund from University Grants Commission – Minor Project Scheme with support of 0.10 Lakh.

- Faculty from Software and Testing group received the CFR-SEED Research grant from Anna University with support of 1 Lakh
- Faculty from Software and Testing group collaborate with Anna University professor and received the CFR-SEED Research grant with financial support of 1 Lakh
- Faculty from Cloud computing and IOT group honored with the Indian National Science Academy (INSA)-Visiting Scientist in Indian Institute of Technology, Madras and received the grant of 0.6 Lakh.
- Faculty from Materials and Processing, Sensor Technology and Control System and Industrial Automation jointly received the research grant of 15 Lakhs under Margdarshan Scheme, AICTE.
- **Faculty from** Sensor Technology and Control System received the research grant of 15.33 Lakhs from **Ministry of Micro, Small and Medium Enterprises (MSME),** Government of India. The project entitled as "IoT based coal mine safety and health monitoring system using LoRa". The developed system is used to monitor the mineworker status and monitoring section for its highly risky and hazardous working environment.
- Faculty from Sensor Technology and Control System group received the seminar grant of 0.2 Lakh from **Defense R&D organization Ministry of Defense.**
- Faculty from Bio nanocomposite and Materials & Tissue Engineering group jointly received the research grant of 41.80 Lakhs **from DST-Technology Development Transfer Scheme.** The project, titled "Rapid Manufacture of Biodegradable Nanofibers for Wound Healing Applications," has achieved significant milestones. A cutting-edge electric field-assisted centrifugal spinner has been procured and installed to enable the rapid synthesis of nanofibers. Optimization studies for various polymer fibers are currently underway. Future efforts will focus on investigating the antibacterial and wound healing properties of the synthesized nanofibers.
- Faculty from Biomedical Instrumentation competency group received the research grant of 5 Lakhs from **AICTE/MIC Yukthi Innovation Challenges 2023.**
- Faculty from Aircraft Population group received the seminar grant of 0.35 Lakh from Centre for Faculty and Professional Development, Anna University.
- Faculty from the Nano Innovators Competency Group is mentoring a Post-Doctoral Fellow who has been awarded the **CHANAKYA Post-Doctoral Fellowship** worth ₹28.80 lakhs by the iHub Anubhuti IIITD-Delhi Foundation.
- Faculty from the Nano Innovators Competency Group is mentoring a Ph.D. Research Scholar who has been awarded the **Savitribai Jyotirao Phule Single Girl Child Fellowship** worth ₹28.67 lakhs by the University Grant Commission.
- Faculty from Nano Innovators competency group honored with the **Indian National Science Academy (INSA)-National Academy of Sciences (NASI) – Indian Academy of Science (IASc) – Summer Research Fellowship – 2024** in Indian Institute of Technology, Jammu and received the grant of 0.41 Lakh.
- Faculty from Biomedical Instrumentation competency group received the Seminar grant of 1.05 Lakh from Indian Council of Medical Research, Department of Health Research, Ministry of Health and Family Welfare.

- Faculty members from the Nano Innovators competency group have submitted research proposals to various funding agencies and schemes, including **UGC, SERB-POWER, SERB-SURE and ANRF-PM-ECRG,** with the aim of developing an electronic nose for diagnosing life-threatening diseases such as renal diseases, diabetes, lung cancer, and heart failure.
- Faculty from the Nano Innovators Competency Group is mentoring a Post-Doctoral Fellows and Ph.D. Research Scholar have submitted research proposals to various funding agencies and schemes, including **KIRAN-WISE Post-Doctoral Fellowship, BIRAC-BIG Grant, MSME Hackathon 4.0, AICTE-Post-Doctoral Fellowship.**
- Faculty members from the Nanomaterials and Biomaterials competency group have submitted a proposal to the **SERB-TARE** scheme for a project titled "MXenes - Multiferroic Nanocomposites for Magnetically Modulated Supercapacitors."
- Faculty members from the Biomedical Instrumentation, Imaging, Signal and Computing competency group have submitted a proposal to the **CSIR ASPIRE** scheme for a project titled “3D Bioprinting of corneal stroma equivalent with tunable structural and functional properties”.

II. Industrial Consultancy through Competency Group

- Data Analytics and Structural Engineering competency groups teamed up with **UI Bridge Solutions Pvt. Ltd**. to conduct consultancy tasks encompassing anomaly detection in sewage pipelines and the development of a 360 Video Stitching and Viewer Application.
- Biomechanics & Rehabilitation Engineering and Electronics competency groups resulted in the development of a scaled prototype for a hospital waste management system. This device is designed to segregate medical waste, sterilize it, and prepare the waste for first-level recycling or incineration.
- The Quantum Computing research group successfully published a research work entitled "Gold Nanoparticle Decorated Vertical Graphene Nanosheets Composite/Hybrid for Acetone Sensing at Room Temperature" in the Journal of "Materials Science & Engineering" with an Impact Factor of 6.4.
- Artificial Intelligence competency group collaborate with **LTTS Ltd., Bengaluru,** to execute consultancy work focused on design and developing an embedded AI framework.
- Robotic Process Automation group collaborated with Rane, Madras, to execute consultancy work centered on **“Smart Visitor Kiosk”,** securing financial support amounting to Rs. 53,100.
- Artificial Intelligence competency group collaborated with GE Healthcare Pvt. Ltd, Bengaluru, and successfully completed a consultancy project focusing on **"Gesture Recognition in ICU Rooms"** and "Identification of Equipment in ICU Setup".
- Nano innovators competency group Industrial collaboration with Cameron Schlumberger Company and establishing a **SLB-SREC Elastomer Lab**. It is a unique and valuable addition to an educational institution. It provides the

opportunity to conduct elastomer research, testing, and validation of age-related properties in line with SLB's requirements. This will help to train students in the latest elastomer technologies and prepare them for careers in the oil and gas industry.

- The Artificial Intelligence and Networking Competency Group, in collaboration with L&T Technology Services, Bangalore, successfully executed a consultancy project titled “Embedded AI Framework and Next-Generation Wearable Technology.”
- Biomedical Instrumentation Competency group actively collaborate with Sri Ramakrishna Hospital executed a consultancy project titled “Design and Fabrication of digital Laryngoscope”.
- Industrial Automation and Design & Analysis competency group jointly collaborate with Bimetal Bearing Private Limited executed a consultancy project entitled “Vision Inspection System”. This project aims to design and develop a Machine Vision Inspection system for detecting surface defects on ID and OD of the bearing surface as per the given specification.
- The Industrial Automation and Design & Analysis Competency Group, in collaboration with Indoshell Cast Private Limited, successfully executed a consultancy project titled “AI-Based LASER Engraving System”. This project deals with an implementation of Vision inspection system for identification of Hole diameter of the component and engrave the appropriate serial number on the component

III. SEED Grant from Institution:

- Biomedical Instrumentation, Imaging, Signal and computing competency group led to the execution of a project titled "Nanosponges for Rapid Blood Clotting." This initiative received financial support of Rs. 61,000 through the **SREC Seed Grant.**
- The Environmental Engineering competency group has commenced consultancy work on the Central Effluent Treatment Plant (CETP) in Tiruppur. Additionally, they are conducting extended corrosion-based research with a **SEED grant** of ₹1.00 Lakhs.
- Augmented / Virtual Reality and Networking Research competency group are jointly working on Thermal Imaging is being carried out with a **SEED grant** of ₹1.35 Lakhs.
- Industrial Automation competency group working on Smart Hybrid Energy Generation Tree is being carried out with a **SEED grant** of ₹1.0 Lakh.

IV. Institute-Industry Research Work:

- Artificial Intelligence competency group partnered with International Aerospace Manufacturing Private Limited, Bengaluru, to successfully complete the research project titled **"Artificially Intelligent Robotic Vision Inspection System”.**
- Nano innovators competency group Industrial collaboration Alphacraft Pvt. Ltd and developing a nanocomposites based materials to replace a Sailon® in immersion rod.

- The Robotics Competency Group, in collaboration with Alphacraft Private Limited, Coimbatore successfully developed a robotic system design featuring hand grippers specifically for handling sand cores.

V. Memorandum of Understanding (MoU):

S.No.	Industry	Domain
1	Resilience Business Grids LLP (RBG.AI)	Cyber security and Data Analytics
2	Indian Biomedical Skill Council (IBSC)	Molecular and Bio Tissue Engineering
3	Mahindra and Mahindra Limited (M&M)	Electric Vehicle Technology
4	Bootlabs, Bangalore	Internet of Things (IoT)
		VLSI Design and Communication & Networking
5	Revealer Global Solution Pvt. Ltd., Bangalore	Networking and Process Automation
6	International Skill Development Corporation (ISDC)	Stock Markets and Business Analysts
7	NSE Academy Limited, Mumbai (Stock Market)	
8	Annamalai Capital Services Pvt Ltd. Coimbatore (Stock market)	
9.	Meynikar Innovation Private Limited, Coimbatore	
10	HiiLSE GLOBAL SDN BHD, Malaysia	Aerodynamics and Population
11	AUGER Engineers, Chennai,	Environmental Engineering and Remote sensing & GIS
12	VKP Geo Tech, Coimbatore	
13	Tamil Nadu Agricultural University (TNAU), Coimbatore	Image Processing & Computer Vision and Networking
14.	SMC Corporation (India) Pvt. Ltd.	Automation
15.	PRAYA Lab	AR/VR
16..	Xfinito Bio Design Private Limited, Bangalore	Augmented and Virtual Reality
17.	Infosis	Blockchain Technologies, Android and iOS Application Development
18.	L& T Technology Services, Bangalore	Machine Learning and Deep Learning
19.	Advanced Manufacturing Technology Development Centre (AMTDC)	Additive Manufacturing Technology
20.	Automotive Skills Development Council (ASDC), New Delhi	Skills Development
21.	Edge Matrix Multinational Cooperation, Delaware	Medical Data Analysis
22.	Harvey Biomedical, Bangalore	Health care Instrumentations

26.	RBG: AI	Medical Image processing
24.	Cognizant Technology Solutions India Private	Cloud Computing and Machine Learning
25.	Park Global HR Services, Coimbatore	Personality Development
26.	Garudan Unmanned System Private Limited, Coimbatore	Aero Engineering and Technology
27.	Garuda Aerospace Private Limited, Chennai	Aerial Robotics System
28.	Mechanical Engineers, Coimbatore	Electronics and Instrumentation Engineering

VI. Research Outcomes of Interdisciplinary Approaches

i. Publications:

459 Publications indexed in Scopus and Web of Sciences (WoS) and 3119 citations, 37 Book Chapters during the calendar year 2023.

ii. Publication categories

According to the **Web of Science** database for the calendar year 2023, publications are categorized as follows: 101 publications are indexed in the **Science Citation Index Expanded (SCIE),** and 11 publications are included in the **Emerging Sources Citation Index (ESCI).** Furthermore, these publications align with key Sustainable Development Goals (SDGs), including **SDG 3: Good Health and Well-Being** (16 publications), **SDG 7: Affordable and Clean Energy** (14 publications), and SDG 12: **Responsible Consumption and Production** (11 publications).

ii. Cumulative Impact Factor:

The Institute's Cumulative Impact Factor stands at 300, derived from journal publications in various quartiles for the calendar year 2023, including Q1: 12, Q2: 28, Q3: 49, and Q4: 18 with h-index of 35.

ii. Patents and Copyright:

Collaborations across research competency groups have led to the granting of 30 patents, the publication of 15 patents, and the application and granting of 10 copyrights during the academic year of 2023-2024.

6. Problems encountered and resources requirement

- Translation of research outcomes to commercialization.
- Developing a holistic approach of research to market with multiple stakeholders.

PRACTICE II

1. Title of the Practice: Institutional Social Responsibility (ISR)

2. Objectives of the Practice:

- To develop engineers capable of providing solutions to the identified problems of local community and global challenges by harnessing their acquired skills and knowledge, aligning with the vision of our Institute.
- To orient the learning outcomes towards community engagement.
- To undertake joint projects in collaboration with the community and local bodies.
- To improve the quality of life of the society and make their livelihood self-sustaining.
- To create more awareness on higher education for skill development amongst children for better employability and quality of life.
- To improve environmental awareness, energy conservation and waste management.
- Empowering rural women for self-reliance in terms of their earnings and self-confidence.

3. The Context

Tamil Nadu state has a population of 81.5 million as of 2024 and 8.5% are in the age group of 18-22 years. 51.6 % of the people living in villages have an average monthly income of Rs.8931 approximately. With the multiple schemes of Government of India, and State Government, the educational institutions and NGOs should come forward and collaborate to work towards the upliftment of society. As an Engineering institution, the students with technical knowledge should be given inputs and opportunities to look at the societal problems starting from empathy and propose solutions.

4. The Practice

SREC provides broad and multiple platforms to inculcate Institutional Social Responsibilities amongst students.

i) Curricula and Syllabi

- **Live-in-Lab** concept introduced in the regulations 2020 for all the undergraduate degree programmes facilitates the students to identify and stay in a village for atleast two weeks to come out with the problems of that society. Such problems could be converted into problem statements to provide technology based solutions. This helps the students to develop a solution/product for the society leading to social entrepreneurship as well.
- **Gap Year** -2020 regulations supports gap year for such students to work on Proof of Concept (PoC) and product development without affecting their degree classification.
- **Societal relevance courses** that are part of the curricula across all departments - Regulatory affairs, Bioethics & Intellectual Property Rights, Architectural Conservation & Historic Preservation, Cultural implications on Building Design, Circular Economy for Sustainable Built Environment, Sociology for

Digital Media, Entrepreneurship Development, Workplace Professionalism & Human Ethics, Nanomaterials for Energy & Environment, Environmental Science & Sustainability, Green Chemistry for Engineers, Waste Management, Global warming and Climate change, Environmental Management in Industry, Solar technology, Social robotics, Nanotechnology in Environmental Remediation, Value Education, Professional Ethics.

- **Community oriented projects** are part of the curriculum for MBA students.

ii) NSS, NCC, Clubs and Other Forums

- **NSS** with 3 Units organizes multiple events – Blood Donation, Organ Donation, projects through Unnat Bharat Abhiyan (UBA), Jal Shakti Abhiyan (JSA), Village adoption, Swachh Bharat, Computer and Language Literacy for nearby school students, Health awareness, Dental awareness, Free Vaccination camps and Road safety awareness.
- **NCC** unit (Army wing SD&SW) conducts special training programmes to the cadets and conducts webinars/conference on social awareness. Selected NCC cadets participate in Republic Day Parade at New Delhi and Prime Minister Rally.
- **Young Indians (Yi -YUVA) club**– As an integral part of Confederation of Indian Industry (CII), Yi-YUVA club of SREC joins hands with CII, Coimbatore and organizes various Yi events/initiatives to enable them to conceptualize, plan and execute. Yi-YUVA engages students in self-development, skill building, community service and nation building activities.
- **SREC-CoIN**– SREC Centre for Innovation supports development of Proof of Concept (PoC), validations and converting them into product.
- **UYIR club** – SREC is a member of UYIR club of Coimbatore, an NGO comprising of members from all verticals –schools, colleges, corporates and hospitals who will reach out to the public to create awareness on road safety, preventing road traffic accidents.
- **Social Development Clubs**organize blood donation camps, tree plantations etc.,
- **Women Empowerment Cell (WEC) and IEEE-Women in Engineering (IEEE-WIE)**organize events for empowering the women at all levels, faculty, students, neighborhood and general public.
- **Multiple clubs and Professional bodies**– IEEE, CSI and English Literary Society develop computer literacy and communication of the neighborhood population particularly school children.

5. Evidence of Success

- Under **GOI-UBA Project**, a grant of **₹ 5** Lakhs was received to carry out 6 societal and welfare projects in the five adopted nearby villages – K.Vadamadurai, Kasthurinaickenpudur and tribal villages- Melpathy, Kilpathy and Thuvaipathi.

- **Six Projects** were implemented in their respective villages.

    - **171 students** from the batch 2021-2025 completed Live-in-Lab under the 2020 regulation. They addressed the issues, developed solutions for the benefit of rural residents
- **SREC-MHRD IIC** has adopted 5 schools and 10 Faculty members recognized as mentor-for-change under NITI AAYOG ATAL Innovation Mission conduct skill development programmes.
- Under **NaanMudhalvan**scheme of Govt. of Tamil Nadu, three Government schools are adopted and programmes on i) developing the Communication and Reading Skills in English, ii) Computer skills, iii) Career Guidance, iv)Awareness on Road Safety and v)Clean India Campaign vi) Tree plantation campaigns are conducted for the school students.
- **Community oriented projects** are carried out by MBA department through the funds collected from the marketing mela (Bazaar mela) conducted every year.
- **Establishment of SPARK Incubation Foundation** as section-8 company to support fresh entrepreneurs and startups. Tectzo solutions Private Ltd, Artispec Technologies Private Ltd, UI Bridge Solution Private Ltd, Hackup technology Private Ltd, Resilience Business Grids LLP, Glamscrap Technology, Synthesis lab Technology, Atom 6 and Makelloz Motors are currently incubated under SREC-SPARK.
- **MoU signed between SREC and Government ITI, Coimbatore** for a period of 3 years (2021-2024) to provide special skill development trainings related to their trades and motivate them to become successful entrepreneurs.
- **SREC-CoIN supports in developing products useful for society.**
    - ✓ **Gas Composition Monitoring System for Sewage Workers**
      This project focuses on improving the safety of sewage workers by monitoring hazardous gas levels in their work environment. By providing real-time data on toxic gases, it aims to prevent accidents and ensure a safer working condition.
    - ✓ **Water Hyacinth Removal Robot**
      Addressing environmental concerns, this robot automates the removal of invasive water hyacinths, which can choke water bodies and disrupt ecosystems. The solution promotes ecological balance and preserves aquatic habitats.
    - ✓ **Urban Park Link**
      Designed for better management of urban greenery, this system streamlines the monitoring and maintenance of urban parks. It enhances the aesthetic and ecological value of cities by encouraging sustainable green spaces.
    - ✓ **AI-Based Deepfake Detector**
      This innovation tackles the growing issue of misinformation by identifying and flagging manipulated media or deepfake content.It helps protect individuals and organizations from fraud, defamation, and false narratives, reinforcing trust in digital content.
    - ✓ **Fruit Disease Detection Using Machine Learning**

Benefiting agriculture, this solution uses machine learning to identify diseases in fruits early. It helps farmers take timely action, reducing crop loss, improving yields, and promoting food security.

- **SREC-COIN Mentor- Mentee Schemes:** SREC has been selected by MoE's Innovation Cell (Govt. of India) to mentor other institutions. The IIC ID for SREC is IC201811883 with funding assistance from MIC/AICTE under the Mentor- Mentee Scheme 2023.
- **Seven day NSS Special Camp**on the theme "Healthy Youth for Healthy India" conducted at Tudiyalur middle school and Anaikatti tribal villages (Melpathy, Kilpathy and Thuvaipathi).
- **Medical camps and Blood Donation camps** are conducted for the public and people of nearby adopted villages by Social Development Clubs/NSS/Uyir Club.

6. Problems encountered and Resources required

Problems Encountered:

- Creating expected level of awareness with the students about the problems prevailing in the society to which they belong to.
- Encouraging them to step out their comfort zones to reach out to the society.

Resources Required:

Mentoring and interaction with the relevant local bodies.