



ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY



VOLUME-V ISSUE-I

NEWS EPISTLE

JULY'18 - JUNE'19



EDITORS' MESSAGE

With immense joy the News Epistle of St. Anne's College of Engineering and Technology for the academic year 2018-2019, is presented here. The news epistle covers the key developments in the institute spanning across a year both within academics as well as beyond the academic fronts which kept the campus life abuzz with enthusiasm. It would be a snapshot of the various activities and advancements of all associated with St. Anne's College of Engineering and Technology.

This edition of our News Epistle will make you familiar with our impressive growth story with a glimpse of recent events on the road to provide quality education along with cutting edge research in various Engineering fields. This is an attempt to bring forth and honor the endeavors put in by every soul, which is part of St. Anne's College of Engineering and Technology. It will also serve to reinforce and allow increased awareness, improved interaction and integration among all of us. The contexts inside will fascinate you and also create a clear picture of how we started and how fast we are moving towards the goal envisioned by our college.

We feel honored for the trust kept on us for performing the role of editors of News Epistle. We have put our whole-hearted effort to give a complete view of the laudable achievements of different departments of our college.

We hope and pray that the achievements of students and staff may inspire us to proceed with much more effort to enhance our achievements throughout the year. Happy Reading!

D. Pauline Freeda
Co-Ordinator
News Epistle Team



Dr. Sr. Y. Yesu Thangam S.A.T
Secretary

SECRETARY'S MESSAGE

In the lush green, clean aired campus of St. Anne's College of Engineering and Technology, well qualified, excellent, experienced and competent staff members discipline, develop, guide and train the rural young minds by imparting quality education and moral values to

materialize the Motto of the College, **TO BUILD A HOLISTIC SOCIETY**, through their incessant and consistent effort. The College has excellent infra-structure, provides a conducive atmosphere for teaching, learning and research and placement. Congratulations to the teaching, non-teaching and the supporting staff who contribute to the welfare of the students and the growth of the College. My prayerful best wishes for a fruitful year!

PRINCIPAL'S MESSAGE

It gives great pride and satisfaction for St. Anne's College of Engineering and Technology to release the St. Anne's News Epistle. A News Epistle is like a mirror which reflects the clear picture of all efforts and activities undertaken by the staff and students. The College has made tremendous progress in academic and non-academic activities during the academic year 2018-2019. I appreciate every staff and student who shared the joy of participation in co-curricular and extra curricular activities along with their commitment to the curriculum. My heartfelt congratulations to staff members and students for their fruitful effort. Congratulations to the Editorial Board of this News Epistle who have played wonderful role in accomplishing the task in time.



Dr. R. Arokiadass
Principal

ABOUT THE COLLEGE

St. Anne's College of Engineering and Technology, a unit of the Sisters of St. Anne, Tiruchirapalli, has been progressing at an exponential rate since its inception in 2009. The main focus is to give quality education to the students in rural areas, with the motto "**To build a holistic society**".

The college demonstrates its respect for the environment and its stewardship of resources. The college is surrounded by thousands of plants and trees which makes the environment pollution free. The students and staff are healthier and more productive on campus that is good for the progress. It becomes an inspiration and model for the surrounding community and to other institutions.

The college library houses a rich collection of Books as well as Periodicals on various branches of Engineering and Technology. Apart from the central library, each department has a separate departmental library with books on specialized topics. A distinct feature in the Digital Library has been developed for accessing the previous years' university question papers. The library is fully automated with barcode technology and well protected with CCTV Security Systems.

A well furnished cafeteria is available inside the campus for the students who need good hygienic food. Variety of snacks and lunch items are available in the canteen. In addition, the college has Reverse Osmosis (RO) plant for providing pure drinking water for the staff and students.

Separate hostels for girls and boys with well established infrastructure, nutritious food and medical care create a conducive atmosphere for their study. Counseling is given to the students to improve their academic and other skills. The hostel is equipped with all kinds of sports accessories indoor and outdoor games. By utilizing these sports facilities, our hostel students play a major role in college sports team. By the celebration of hostel day every year, the students exhibit their cultural skills and are motivated to express their leadership qualities. Totally, 'feel at home and eco friendly environment' is created for the students. The management also shows compassion to the economically backward students by providing fee concession. The parents meet is arranged periodically and the academic performance of the students is reviewed. A tour is arranged every year, to refresh the minds of the students and build up the unity among them.

INTRODUCTION

The first semester of the academic year 2018-2019 commenced on a note of positivity and hopefulness on 5th July 2018, with a Holy Mass by Rev. Fr. Maria Anandharaj, Parish Priest, Panikankuppam. All the staff members and students received the blessings of the Almighty to fulfill their needs in all aspects.

Rev. Mother Victoria, Secretary, who took the college to many heights with her able administration and guidance, was relieved from her service and Dr. Sr. Y. Yesu Thangam, took charge as Secretary from 5th July 2018 onwards. We are very grateful to Mother Victoria for the wonderful service rendered by her.



On December 18th 2018, an Eucharistic Adoration was conducted for all the staff of the college to invoke God's blessings for the 2nd semester. All the staff and workers experienced the grace of God during this fruitful prayer.



The college brings out the news epistle for disseminating and sharing the major achievements and activities of the students, staff and faculty members. It spotlights the research papers published in journals, papers presented in conferences, participation in workshops, seminars and conferences by the faculty and students, participation of students in various inplant trainings and internships, department activities, sports activities, celebrations, social services and so on. Showcasing the achievements will help to motivate our student community to actively participate in curricular and co-curricular activities and achieve more laurels in the days to come.

RESEARCH

Publishing papers through journals and presenting papers through conferences are treated as great achievement in the academic world. A good number of publications provide a very good reputation to the individuals and the institutions they belong and such valuable achievements of our college faculty members are presented here:

STAFF NAME	DEPARTMENT	NO. OF PUBLICATIONS
Dr. A. John Peter, HOD	S&H	3
Dr. A. Azhagappan, Prof.	S&H	3
Mr. K. Sriram, AP	EEE	2
Mr. V.C. Eugin Martin Raj, HOD	EEE	2
Mrs. S. Lese, ASP	EEE	2
Sr. Punitha Jilt, HOD	CSE	1
Dr. G. Gurumoorthy, ASP	S&H	1
Mr. S. Manavalan, ASP	CSE	1
Mrs. Z. Asmathunnisa, AP	CSE	1
Mr. N. Kumar, AP	CSE	1
Mr. V. Balaji, AP	EEE	1
Ms. V. Varalakshmi, AP	CSE	1
Ms. M. Premalatha, AP	EEE	1
Mrs. J. Joaquine Arokia Mary, AP	S&H	1

RESEARCH PUBLICATION OF FACULTY

- Professor in Physics and HOD of Department of Science and Humanities (S&H), published 3 papers:
 - The paper on "Synthesis and luminescence properties of $\text{CaGd}_2(\text{MoO}_4)_4:\text{Dy}^{3+}, \text{Eu}^{3+}, \text{Tm}^{3+}$ phosphors for warm white UV LEDs" in the Journal of Electronic Materials, Volume 47, Issue 10, pp. 6210-6220, 2018, I.F.-1.566, [Scopus Indexed]. The present work describes the luminescence properties of $\text{CaGd}_2(\text{MoO}_4)_4:\text{Dy}^{3+}, \text{Eu}^{3+}, \text{Tm}^{3+}$ phosphors and their applications in lighting devices.

2. It is titled as "Synthesis and Luminescence Properties of $\text{LiGd}_3(\text{MoO}_4)_5:\text{Eu}^{3+}$ phosphors for white LED application" in the Journal of Materials Science: Materials in Electronics, <https://doi.org/10.1007/s10854-018-0475-1>, 2018, I.F.-2.34, [Scopus Indexed]. The published work exhibits the photoluminescence characteristics of $\text{LiGd}_3(\text{MoO}_4)_5:\text{Eu}^{3+}$ phosphors for white LED applications.
 3. The paper is entitled as "Synthesis of self-assembled micro flower of $(\text{Na}_{0.5}\text{La}_{0.5})\text{M}_0\text{O}_4:\text{Eu}^{3+}$ phosphor and it's photometric properties in Materials Letters", Vol.243, pp.58-61, 2018. I.F.-3.1. [Web of Science] The present work describes the luminescence properties of $(\text{Na}_{0.5}\text{La}_{0.5})\text{M}_0\text{O}_4:\text{Eu}^{3+}$ phosphors and their applications in lighting devices.
- Dr. A. Azhagappan, Professor in Mathematics, Department of S&H, published 3 papers:
 1. The paper on "Transient analysis of an M/M/1 Queue with Variant Impatient Behavior and Working Vacations", in Opsearch, Volume 55, Issue3-4, pp. 787-806, 2018, [Scopus Indexed]. This research work presents the time-dependent solution of a single server Markovian queueing model with working vacation of server and different impatient behavior of customers.
 2. It is titled as "Transient solution of an M/M/1 Retrial Queue with Reneging from Orbit", in the Applications and Applied Mathematics: An International Journal, Volume 13, Issue2, pp.628-638, 2018, [UGC approved Journal]. The time-dependent solution of a single server Markovian retrial queueing model with impatient behavior of customers in the orbit is derived in this research work.
 3. It is entitled as "Transient Behavior of a Markovian Queue with Working Vacation Variant Reneging and a Waiting Server" in TOP, <https://doi.org/10.1007/s11750-018-00495-w>, 2018, I.F.-1.094, [Scopus Indexed]. The time-dependent system size probabilities are obtained for a single server Markovian queueing model with a waiting server, working vacations and customers' variant impatience.
 - Mr. K. Sriram, Assistant Professor (AP), Department of Electrical and Electronics Engineering (EEE), published 2 papers :
 1. The paper on "Short Term Load Forecasting of a Power System using Plant Growth Algorithm" in the International Journal of Engineering Research and Development, Volume 14, Issue 9, pp. 58-60, September 2018, [UGC Approved Journal]. This work focuses on forecasting the electrical power demand for the forthcoming years by implementing plant growth optimization algorithm.

2. It is titled as "Grey Wolf Optimization algorithm based Economic Load Dispatch", in the Journal of Applied Science and Computations", ISSN NO:1076-5131, Volume 6 Issue 3 pp. 1216 to 1223, March 2019.
- Mr. V.C. Eugin Martin Raj, Associate Professor (ASP) and Head, and Mrs. S. Lese, ASP, Department of EEE, published a paper on "Wireless Fuzzy Controller for Drip Irrigation using Raspberry Pi and GSM" in the Journal of Advances in Communication Engineering and its Innovations, Volume 3, Issue 3, pp. 1-14, October 2018. This paper is on upgrading the irrigation methodologies which will reduce the effort of farmers and to yield better results.
 - Mr. V.C. Eugin Martin Raj, ASP and Head, Mrs. S. Lese, ASP, Mr. V. Balaji, AP and Ms. M.Premalatha, AP, Department of EEE, published a paper titled, "A Novel approach on Wireless Controlled Drip Irrigation using Fuzzy Controller" in the International Journal of Scientific and Engineering Research, Volume 9, Issue 12, pp. 152-162, December 2018, [Thomson Reuters]. This paper concentrates on the comparative study for using a fuzzy controller and other controllers for better results in drip irrigation.
 - Dr. G. Gurumoorthy, ASP in Chemistry, Department of S&H, published a paper titled, "Tris (N-methylferrocenyl-N-(2-phenylethyl) dithiocarbamate-S,S') cobalt(III) for anion sensing and preparation of cobalt-iron sulphide nanoparticles: A new photo catalyst for the degradation of dyes", in Phosphorus, Sulfur and Silicon and the Related Elements, <https://doi.org/10.1080/10426507.2018.1539720>, 2018 [Scopus Indexed]. This paper focused on the Synthesis and characterization of cobalt-iron sulfide from the cobalt (III) dithiocarbamate complexes and photocatalytic degradation of dyes using methylene blue and rhodamine-B.
 - Mrs. J. Joaquine Arokia Mary, AP in Chemistry, Department of S&H, published a paper titled, "Biosynthesis of Cadmium Sulphide (CDS) Nanoparticles Form Calotropis Gigantea Flower and A novel Biological Approach", in International Journal of Pharmacy and Biological Sciences, Vol.8, pp. 57-66, 2018. The present work described the characterisation of CdS nano particles with the help of the analytical instruments.
 - Sr. Punitha Jilt, AP and Head, Department of Computer Science and Engineering (CSE), published a paper titled, "Reliable and Energy Efficient Hybrid Screen Mirroring Multicast System" in the International Research Journal of Engineering and Technology, Volume 6, Issue 4, pp.4261-4267, April 2019. This paper focuses on providing a high quality and energy efficient screen mirroring multicast service among adjacent device over Wi-Fi network.

- Mrs. Z. Asmathunnisa, AP, Mr. S. Manavalan, ASP and Mr. N. Kumar, AP, Department of CSE, published a paper titled, "Visible Light Communication for Data and Audio Transmission using Light-Fidelity(Li-Fi)" in International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 5, Issue 3, pp.534-539, June 2019. This paper focuses on transmission of data and audio through light at very high data rates without use of microcontrollers and its other peripheral devices.
- Ms. V. Varalakshmi, AP, Department of CSE, published a paper titled, "Secure Key Storage using Encrypted Negative Password" in the International Journal of Scientific Research and Development, Volume 7, Issue 3, pp.1833-1837, June 2019. This paper focuses on secure password storage is very much important thing for the systems which are based on password authentication.

RESEARCH PAPERS PRESENTATION BY FACULTY

- Ms. J. Arul Martinal, AP, Department of EEE, has presented a paper on "Efficient Water Marking System using DSS (CDMA) Scheme" in the International Conference on Science, Engineering and Technology organized by Invaders Quest and Sir Issac Newton College of Engineering and Technology on 24th August 2018.
- Mrs. J. Joaquine Arokia Mary, AP in Chemistry, Department of S&H, presented a paper on "Biosynthesis of Cadmium Sulphide (CdS) Nanoparticles Form Calotropis" and secured the II-Price in the National Conference organized by Shanmuga Industries Arts and Science College, Tiruvannamalai, on 12th October 2018.
- Mrs. Z. Asmathunnisa, AP, Department of CSE, presented a paper titled, "Towards Reliable Storage for Cloud Systems with Selective Data Encryption and Splitting Strategy" in the International Conference on Intelligent Information Technologies at Anna University, Chennai, on 11th December 2018.
- Mr. A. Richard Pravin, ASP, Department of EEE, has presented a paper titled, "High step up DC to DC converter with active soft-switching and voltage clamping for renewable energy systems" in the National Conference at CK College of Engineering and Technology, Cuddalore, on 9th March 2019.
- Mr. S. Rajarajan, AP, Department of CSE, presented a paper titled, "A Brain Robot Interaction System by Fusing Human and Machine Intelligence" in International Conference on Veracity Research in Scientific Computation and Engineering Trends at V.R.S College of Engineering and Technology, Villupuram, on 23rd March 2019.

PAPER PRESENTATION BY STUDENTS

- Ms. A. Soundarya and Ms. D. Dhatchayani of IV year EEE presented a paper on "Bat Inspired Algorithm Based Interval Type II Fuzzy Controller for Load Frequency Control" and secured third place in the National Level Technical Fest, iTECH FEST'18 at IFET College of Engineering on 15th September 2018.
- Ms. R. Santhiya and Ms. R. Keerthana of IV year EEE presented a paper on "A Novel Approach for Power Factor Correction using Microcontroller" in the National Level Technical Fest, ITECH FEST'18 at IFET College of Engineering on 15th September 2018.
- Mr. P. Anadharaj and Mr. S. Gunaseelan of III year CSE presented a paper titled "Improve the Data Retrieved Time and Security through Fragmentation and Cloud Replication in the Cloud" in the National Level Technical Symposium at MRK Institute of Technology, Kattumannarkoil, on 02nd March 2019.
- Ms. S. Malarvizhi and Ms. S. Dhivya of III year CSE presented a paper titled "A context aware framework for detecting sensor based threats on smart devices smart device" in the National Level Technical Symposium at MRK Institute of Technology, Kattumannarkoil, on 2nd March 2019.
- Ms. M. Abina and Ms. S. Srimathi of III year CSE presented a paper titled "A brain controlled vehicle based one UI VE signal" in the National Level Technical Symposium at MRK Institute of Technology, Kattumannarkoil, on 2nd March 2019.
- Ms. N. Suganya and Ms. P. Priya of III year CSE participated in the Technical Event "Quiz Blaze" at A.V.C College of Engineering and Technology, Mayiladuthurai, on 2nd March 2019.
- Ms. S. Malarvizhi and Ms. S. Dhivya of III year CSE participated in the Technical Event "Connections" at MRK Institute of Technology, Kattumannarkoil, on 2nd March 2019.
- Ms. N. Suganya and Ms. P. Priya of III year CSE presented a paper titled "The Internet of Things in Oil Gas Industry" in the National Level Technical Symposium at A.V.C College of Engineering and Technology, Mayiladuthurai, on 2nd March 2019.
- Ms. Y. Jenifer and Ms. K. Thilagavathy of IV year and III year CSE participated in an event "Fenix 2k19" at Anna University, BIT Campus, Tiruchirappalli, on 6th March 2019.

CONFERENCE / WORKSHOP / SEMINARS

Participation in conferences, workshops and seminars enhances the technical skills of faculty and students in their relevant field which helps them to progress in their academic and research work. It offers an opportunity to develop professional relationship among experts and gain knowledge, which would help them in carrying research work. Our college provides a great support to the faculty and students to participate in various conferences, workshops and seminars to enhance their knowledge in their respective fields.

FACULTY PARTICIPATION IN CONFERENCE

- Sr. Punitha Jilt, AP and Head, Department of CSE, participated in the National Conference on “Changing Landscape of Higher Education in India and Impending Challenges” at Christ University, Bangalore, on 22nd and 23rd September 2018, organized by the Xavier Board of Higher Education in India. The conference focused on technology trends that can obscure other environmental factors that are drivers for innovation in higher education. They discussed about Academic Administrative Audit (AAA), systematic education and ethical participation idea of university.

FACULTY PARTICIPATION IN WORKSHOPS

- Mr. K. Sriram, AP, Mr. J. Ramesh, AP and Mr. A. Sundarapandiyam, AP, Department of EEE, have attended a one day National level workshop on “NPTEL Awareness” at K. Ramakrishnan College of Technology, Trichy, on 27th July 2018. The workshop dealt with creating awareness on NPTEL online courses and SWAYAM courses for engineering domain.
- Mrs. D. Umamaheswari, ASP, Department of Electronics and Communication Engineering (ECE), attended a National workshop on “Python” conducted by Yas Soft Tech. at St. Anne’s College of Engineering and Technology, Panruti, on 3rd and 4th August 2018. The workshop provided an introduction to Python core concepts, overviewed the Python usage and trained to write smart codes using Python.
- Mr. K. Shanmuga Elango, ASP and Mr. P. Murugan, ASP, Department of Mechanical Engineering (MECH), participated in a National level workshop on “Recent Development in Renewable Energy Technologies”, organized by the Department of Mechanical Engineering & Council of Scientific and Industrial Research (CSIR) at SRM University, Chennai, from 27th to 29th September 2018. Various aspects and current trends in renewable energy technologies, especially solar energy and wind energy for power generation were dealt with in this workshop.

- Sr. Punitha Jilt, AP and Head, Department of CSE, participated in a workshop on “Internet of Things for Smart Grid” at National Power Training Institute, Trichy, on 26th October 2018. This workshop was about the possible role of IoT in smart grids in the context of large amounts of data that need to be transferred in smart grid.
- Sr. Punitha Jilt, AP and Head, Mrs. D. Pauline Freeda, ASP, Mrs. K. Poornambigai, AP, Department of CSE and Mrs. D. Uma Maheswari, ASP, Department of ECE, participated in a National level workshop on “Secure Internet of Things (SIoT)” at St. Joseph’s Institute of Technology, Chennai, on 20th & 21st November, 2018. The workshop focused on the security issues revolving around IoT, security development life cycle and real life examples of IoT.
- Sr. Punitha Jilt, AP and Head, Department of CSE, participated in a two day hands on Workshop on “Machine Learning for Engineers” at PSG College of Technology, Coimbatore, on 12th and 13th April 2019.
- Sr. Punitha Jilt, AP and Head, Department of CSE, participated in a three day Workshop on “Machine Learning Algorithms for IoT Applications” at Mepco Schlenk Engineering College, Sivakasi, on 06th to 08th May 2019.
- Mr. N. Syed Mubarak, AP in Mathematics, Department of S&H, attended a workshop on “Graph Optimization Techniques for Smart cities” at VIT Chennai, on 15th March 2019. This workshop gave more exposure on the promising areas of the theme in contributing towards Digital India mission of Government of India.

STUDENTS’ PARTICIPATION IN WORKSHOPS / SEMINARS

- Five students from III year ECE participated in the International workshop on “Internet of Things” at IIT Madras Research Park, Chennai, on 28th July 2018.
- Four students from III year EEE Participated in a state level literary Competition organized by Ramalingar Pani Mandram at Villupuram on 29th July 2018.
- Eight students from IV year ECE participated in a workshop on “Embedded System Design Using PSoc-4” at Sri Manakula Vinayagar Engineering College, Puducherry, on 11th August 2018.
- 10 students from III year and II year CSE participated in the Workshop on “Big data analytics using WEKA tool integrating with spark framework” at Krishnasamy College of Engineering and Technology, Cuddalore, on 25th August 2018.

- Three students from III year EEE participated in a two day National Level Workshop on “Industry 4.0” organized by SNSCT – Robotics Clun and Department of Mechatronics Engineering at SNS College of Technology, Coimbatore, during 19th & 20th September 2018.
- Nine students from III year EEE participated in a one day National Workshop on “Emerging Technologies in Instrumentation & Control of Power Station” organized by National Power Training Institute (Ministry of Power, Govt. of India), Neyveli, at Puducherry, on 20th September 2018.
- Seven students from IV year ECE has participated in a one day Seminar on “Corporate Carrier Orientation Program” organized by Caliber Embedded Technologies, Salem, on 27th September 2018.
- Sixteen students from II year MECH participated in a National workshop on “Natural/CO₂ Refrigeration Systems for Supermarket and other Applications” at TAG Auditorium, Anna University, Chennai, on 5th October 2018.
- Five students from III year ECE attended a National Level Workshop on “Recent Trends in Photonics and Hands on Training using Optisim” at IFET College of Engineering, Villupuram, on 7th and 8th June 2019.
- Three students from III year ECE has participated in Project Expo SCIMIT’19, a mega project contest at Sri Manakula Vinayagar Institute of Technology, on 28th February 2019.
- Mr. B. Jaganraj of IV year MECH, participated in a National Level Workshop on “Recent Trends in Automobile Engineering” at Sri Venkateshwara College of Engineering and Technology, Pondicherry, on 5th January, 2019.
- Mr. K. Sarathy of I year MECH, had participated in NSS Skill Development program organized by the University College of Engineering, Villupuram, on 14th February 2019.
- Mr. S. Kannan of I year EEE and Mr. R. Ranjith Kumar of I year CSE had participated in a one day National level seminar on “Nano Biophotonics: Imaging and sensing NANOBP-19”, organised by IFET College of Engineering, Villupuram, on 2nd March 2019.
- Three students from III year CSE students participated in a two day Workshop on “Statistics in Data Mining and Machine Learning” at Anna University, BIT Campus, Tiruchirappalli, on 6th March 2019.

- Ms. R. Sineka of I year ECE, attended a Workshop on Recent Trends in Solar Energy Research and Application at SSN college of Engineering, Chennai, on 16th March 2019.
- Mr. M. Murali Krishnan of I year EEE, attended a Seminar on “Applications of Ceramic and Polymer in 3D Printing” at Alagappa College of Technology Campus, Chennai, on 16th March 2019.
- Two students from I year EEE, attended a National Seminar on “New Engineering Materials and their Applications” at SRM Valliammai Engineering College, Kattankulathur, on 23rd March 2019.

FACULTY DEVELOPMENT PROGRAM / ONLINE COURSES

Faculty Development Program and online courses aim at improving teaching and research capabilities of faculty members in various engineering disciplines. It helps the faculty to easily understand the latest technologies and transfer the knowledge to the students. Our college faculty members have attended many faculty development programs and registered many online courses in NPTEL and enhanced their knowledge.

- Dr. A. John Peter, Professor in Physics and Head, Department of S&H, completed the following four courses:
 1. A course on “Advanced Material Processes” with a consolidated score of 56% under NPTEL-AICTE Faculty Development Program during July – October 2018. The course dealt with the recent advanced material processes in recent times for the preparation of materials.
 2. A course on “Structural Analysis of Nanomaterials” with a consolidated score of 54% under NPTEL-AICTE Faculty Development Program during August – September 2018. The course provides much exposure on different techniques and methods involved in the understanding of structural behavior of the Nano materials.
 3. A course on “Curriculum Implementation and Evaluation” with a consolidated score of 58% under UGC-SWAYAM during Jan-May 2019. This course strongly recommended the techniques and methodology to be achieved for the curriculum implementation among students.
 4. A course on “Quality Assurance in Engineering Education” with a consolidated score of 42% under UGC-SWAYAM during Jan-May 2019. This course gave much exposure on strategies to be followed for the need of quality assurance in Engineering education.

- Sr. A. Annai Theresa, AP, Department of EEE, has completed the twelve week NPTEL Online Certification Course on “Design of Photovoltaic Systems” and secured Elite Class in examination held on 28th October 2018. This course guided to learn the basics and advancement in power electronics in the field of Photovoltaic Systems and enriched the knowledge in designing the Photovoltaic System. She attended the Anna University FDC sponsored two weeks Faculty Development Program on “EE 8401 - Electrical Machines-II” in the University College of Engineering, Panruti from 28th November to 11th December 2018. This FDP helped to deepen the knowledge in electrical machines and enhanced the teaching methodology.
- Mr. A. Harikrishnan, ASP in Physics and Mr. R. Viswalingam, AP in Mathematics, Department of S&H, attended an AICTE sponsored “Student Induction Program” at Saranathan College of Engineering, Tiruchirapalli, from 20th to 22nd August, 2018. This induction program was a bridge course through which the gap between the school and college curriculum of students can be filled up.
- Dr. G. Gurumoorthy, ASP in Chemistry, Department of S&H, completed a course on “Natural Gas Engineering” with a consolidated score of 50% under NPTEL-AICTE Faculty Development Program during August–October 2018. The field of natural gas engineering is very much important for petroleum engineers. This course was useful for the study of gas through unconventional sources/ techniques and the applications of natural gas.
- Mr. S. Balabasker, ASP, Department of ECE, participated in a Faculty Development Program on “Introduction to Python Programming” conducted by ICT Academy at Manakula Vinayagar Institute of Technology, Pondicherry, on 19th and 20th November 2018. The FDP provided an insight into the concepts of Python which is a widely used general-purpose and high level programming language. It mainly emphasized on code readability and its syntax and to apply Python programming in Machine Learning, Big Data Analytics and many more.
- Mr. V. Venkatesan, AP, Department of ECE and Mr. S. Manavalan, ASP and Ms. V. Varalakshmi, AP, Department of CSE, participated in a two day Faculty Development Program on “Problem Solving Skills” conducted by ICT Academy at Manakula Vinayagar Institute of Technology, Pondicherry, on 29th & 30th November 2018. The program focused on students counseling and preparing the students psychologically fit for studies and society and to identify and solve problems.
- Ms. S. Vanathi, AP, Department of CSE, completed an internship training on “Android Application Development” at Lemeniz Infotech, Pondicherry, on 2nd & 3rd December 2018. The training was

about the basic android development tools and syntax used to develop the mobile application. The tool can be used directly on the mobile device or via a browser based IDE connected to the device via Wi-Fi.

INPLANT TRAINING / INTERNSHIP FOR STUDENTS

In Inplant training / internship, the students get practical exposure from the industrial experts which helps them to begin their career as a professional. Our college encourages the students to enhance their knowledge by undergoing various training programs.

- Mr. P. Harish of IV year EEE had completed a one week Inplant training at “NLC India Limited” (A Govt. of India Enterprise) from 2nd to 7th July 2018.
- Ms. P. Banupriya, Ms. D. Dhatchayani, Mr. M. Mohammed Shafiullah, Ms. Y. Monica, Mr. U. Prakash, Mr. A. Prakashraj, Ms. B. Prithivibala, Ms. R. Santhiya, Ms. A. Soundharya, Mr. C. Thamizharasan and Mr. M. Sindhan of IV year EEE had completed a one week Inplant training at NLC from 16th to 21st July 2018.
- Mr. R. Arun Kumar, Mr. P. Ashok Raj, Mr. T. Jaya Prathap and Mr. R. Manikandan of IV year EEE had completed a one week Inplant training at NLC, from 28th June to 2nd July 2018.
- Ms. S. Preetha, Ms. J. Jayalakshmi, Ms. R. Elayadharshni and Ms. R. Saranya of III year ECE had completed a one week Inplant training in “Fundamentals of Telecom” at BSNL, Cuddalore, from 2th to 7th December 2018.
- Ms. S. Dhanavanthini, Ms. E. Iswarya and Ms. A. Preethiba of III year ECE have attended the Internship training program offered by “Teslarzone” Automation solution, Puducherry, from 5th to 7th December 2018.
- Mr. S. Joachim Daniel, Mr. A. Ajithkumar, Mr. A. Mohamed Sidick, Mr. M. Balamurali, Mr. K. Kavin and Mr. G. Vignesh of III year ECE had completed an Inplant training in “Home Automation with Arduino” at Altsense, Chennai from 10th to 13th December 2018.
- Ms. M. Pino Deepa, Ms. R. Kaviselvi, Ms. P. Delphina Mary, Ms. C. Sumithi Melinda and Ms. S. Santhiya of III year ECE had completed an Inplant training in “Networking” at BSNL, Chennai from 10th to 14th December 2018.

- A group of fourteen students of II year Mechanical Engineering completed an Inplant training at Tamil Nadu State Transport Corporation (TNSTC) Limited, Villupuram, from 26th November to 1st December 2018.
- A group of ten students of II year Mechanical Engineering completed an Inplant training at TNSTC Limited, Villupuram, from 4th to 10th December 2018.
- A group of five students of II year Mechanical Engineering completed an Inplant training at Southern Railway, Golden Rock, Trichy from 3th to 15th December 2018
- A group of eight students of II year Mechanical Engineering completed an Inplant training at Southern Railway, Golden Rock, Trichy, from 26th November to 8th December 2018.
- Mr. K. Arul Kumar, Mr. S. Albrit, and Mr. A. Sujith Raj of III year Mechanical Engineering, had undergone an Inplant training at NLC, from 13th May 2019 to 17th May 2019.
- A group of fourteen students of II year Mechanical Engineering had undergone an Inplant training at SETC, Villupuram, from 13th June 2019 to 17th June 2019.

RESOURCE PERSON TO OTHER INSTITUTIONS

Our faculty members have shared their knowledge in their respective fields of Engineering and served as resource person inside and outside our institution.

- Mr. S. Balabasker, ASP, Department of ECE, served as a resource person in two institutions:
 1. He shared his knowledge during a workshop on “Ardubotics” at Vadapalani, Chennai, organized by SIIT-Technologies, Vellore, on 22nd July 2018. Students from various disciplines of Engineering colleges in Chennai learned the fundamental knowledge of Arduino Microcontroller followed by Hardware and Software Programming. The outcome of the workshop was in the form of implementation of Arduino robot. Participants of the workshop also gained the knowledge on how to control a robot using Arduino microcontroller.
 2. He served as resource person in a one day workshop on “Android Control Robot Based on IoT” at St. Joseph’s College, Trichy, organized by SIIT-Technologies, Vellore, on 29th July 2018. The students from various Engineering departments had actively participated in the workshop and gained knowledge on how to control a robot using their mobile, by means of an android application.

SEMINARS

SL. NO.	TITLE	RESOURCE PERSONS	PARTICIPANTS	DATE
1	NPTEL Awareness Program	Mr. J. Ramesh, AP/EEE & Mr. A. Sundarapandyan, AP/EEE	EEE	09.07.2018
2	Regulation 2017- An Overview	Mr. A. Richard Pravin, ASP/EEE	II year EEE	12.07.2018
3	Preparation Tips for Gate Examination - 2019	Ms. G. Kanimozhi, AP/ECE	IV year ECE	30.08.2018
4	Future	Dr. R. Arokidass, Principal	MECH	07.01.2019
5	Importance of Meditation and Disciplined Life	Dr. D. Ommurugadhasan, HOD/MECH	MECH	21.01.2019
6	Importance of Communication	Sr. A. Josephine Mary, AP/MECH	MECH	28.01.2019
7	Placements opportunities in Private sector	Mrs. Arnie John, ASP/MECH	MECH	04.02.2019
8	Placements opportunities in Public sector and State Government	Mr. T. Elangovan, AP/MECH	MECH	11.02.2019
9	Perform Calculations using a Scientific Calculator	Dr. A. John Peter, HOD/S&H	I year	16.02.2019
10	Scope of Entrepreneurship	Mr. K. Saravanan, ASP/MECH	MECH	18.02.2019
11	Life Challenges	Mr. S. Balabasker, ASP/ECE	ECE	25.02.2019
12	Core Industry Expectation from Engineers	Mr. V. C. Bugin Martin Raj, HOD/EEE	EEE	04.03.2019
13	Interview Skills	Mr. A. Richard Pravin, ASP/EEE	EEE	11.03.2019
14	Aptitude	Mr. K. Shanmuga Elango, ASP/MECH	MECH	18.03.2019

WORKSHOPS

SL. NO.	TITLE	RESOURCE PERSONS	PARTICIPANTS	DATE
1	CNC Programming and Training	Sr. A. Josephine Mary, AP/MECH	III year MECH	23.07.2018 & 24.07.2018
2	Scilab-Computing Tools for Engineers	Mr. R. Radhakrishnan, AP /ECE & Mrs. B. Mary Amala Jenni, AP/ECE	IV year ECE	04.08.2018 & 10.08.2018
3	Multisim	Mr. S. Durairaj, AP/ECE & Mr. V. Venkatesan, AP/ECE	IV year ECE	17.08.2018 & 18.08.2018
4	Hands-on Training for Arduino for IoT Applications	Mr. S. Balabasker, ASP/ECE & Mr. V. Balaji, AP/EEE	III year EEE	05.09.2019 & 06.09.2018
5	Digital Image Processing using MATLAB	Mr. S. Durairaj, AP/ECE & Ms. G. Kanimozhi, AP/ECE	IV year ECE	01.10.2018 & 02.10.2018
6	Embedded Systems and IOT applications	Mr. S. Balabasker, ASP/ECE	ECE	26.12.2018 to 29.12.2018
7	MS-Office Packages	Mrs. Z. Asmathunnisa, AP/CSE & Mr. N. Kumar, AP/CSE	II & III year CSE	02.02.2019 & 09.02.2019
8	Applications of MATLAB on Electrical Engineering – Optimization Tool Box	Mr. K. Sriram, AP/EEE	IV year EEE	04.02.2019
9	MS-Office Packages	Mr. S. Manavalan, ASP/CSE & Mrs. K. Poornambigai, AP/CSE	I year	16.02.2019



Seminar on Regulation 2017 – An Overview



Workshop on CNC Programming and Training



Workshop on Scilab Computing Tools for Engineers



Workshop on Multisim



Seminar on Preparation Tips for Gate Examination - 2019



Workshop on Hands-on Training for Arduino for IoT Applications



Workshop on Digital Image Processing using MATLAB



Workshop on Embedded Systems and IOT applications

DOCTORAL ACHIEVEMENT

- Dr. D. Ommurugadhasan, Professor and Head, Department of Mechanical Engineering, was awarded Ph. D. degree for his work on “Experimental Investigation of Wear Properties for Aluminium MMC’s in Friction Stir Welding Region” on 15th October 2018, by the Pondicherry university.

AWARD WINNERS

- Dr. A. John Peter, Professor in Physics and HOD, S&H, received the Recognition Award as an Active Reviewer from the Journal of Luminescence, Elsevier, Netherlands.
- Ms. Y. Jenifer, of IV year CSE and Ms. Datchayani, of IV year EEE won an award in Overall Performance in Academic and extracurricular Activities, sponsored by ISTE Chapter at Sri Sairam Engineering College on 1st March 2019.

EVENTS @ ST. ANNE’S CET

WORKSHOP

Going beyond the horizons of textbooks and making something innovative is certainly a measure to improve an individual in practical terms. Workshops held at regular intervals do perform the same motive for a student. Continuance of studies and workshops on a parallel note can configure various academic highlights. Students attending such workshops can demonstrate their capabilities and can further update their knowledge through such platforms. With this concept, our college organizes various workshops for the benefit of the students.

- A one day workshop on “Industrial Product Design and Reverse Engineering” was conducted by Mr. Sai, Vector Solutions, Puducherry, for the II year students of MECH on 30th July 2018. The students gained knowledge on how to design an Engineering product and ultimately utilize it in an engineering field from this workshop.



Workshop on Industrial Product Design and Reverse Engineering

- A two day workshop on “Python” was conducted by Mr. G. Venkadajalapati, Technical Trainer, YAS Soft Tech, Puducherry, for the IV year students of CSE on 3rd & 4th August 2018. This workshop provided a detailed knowledge of Python and the students learned the basics of writing and running Python scripts with more advanced features such as file operations, regular expressions, working with binary data and using the extensive functionality of Python modules.



Workshop on Python

- A two day workshop on “Java” was conducted by Mr. T. Vellaivaranan, Technical Trainer, Comet Softwares, Chennai, for the II year students of CSE on 22nd & 23rd August 2018. The fundamentals of object oriented programming in Java such as defining classes, interfaces, creating objects, invoking methods and using packages were dealt with which helped the students to learn more about Java.



Workshop on Java

- A one day workshop on “Human Excellence and Safety Management” was conducted by the Rotary Club Educational Division, Namakkal, and Rotary Club, Panruti on 1st September 2018. 102 students from all the departments participated and benefited out of this program. The students had been trained in areas of industrial safety, occupational safety, fire safety and basic first aid. A certificate from National Safety Council, Government of India organization was issued to the participants.



Workshop on Human Excellence and Safety Management

- A three day workshop on “PHP” was conducted by Mr. Ananda Krishnan Rajaram, Technical Trainer, YAS Soft Tech, Puducherry, for the IV year students of CSE on 6th to 8th December 2018.

The students gained knowledge in P H P programming skills to successfully build interactive, data-driven sites, to use the MVC pattern to organize code, test and debug a PHP application.



Workshop on PHP

- A training program on “Non-Destructive Testing” was conducted by Mr. S. Sivaperumal, Managing Director, Shri Sai NDT, Pondicherry, for the IV year students of MECH on 4th September 2018. The students gained knowledge on inspection of metal joints and defects identifying methodology by using Non-Destructive Testing methods.

- A two day workshop on “Internet of Things” was conducted by Prof. L.Selvam, HOD, Department of Computer Science, Loyola College, Vettavalam, for the II year students of CSE on 12th & 13th December 2018. The resource person explained the fundamentals of Internet of Things and types of sensors. The students were trained with hands-on approach to develop an IoT application.



Workshop on Internet of Things

- A one day workshop on “Antenna Design and Simulation Using HFSS” was conducted by Mr. R. Vivek, M.E., Ph.D., Assistant Professor (Senior), Department of ECE, Christ University, Bangalore, for the IV year students of ECE on 19th January 2019.



Workshop on Antenna Design and Simulation Using HFSS

- A workshop on Mechanical Software such as CAD, Auto CAD, Catia and Ansys was conducted by Mr. N. Kumar, CAD Global, Villupuram, for the III and IV year students of MECH on 7th September 2018. The students gained knowledge on various modeling software used in mechanical fields.

- A one day online workshop on “VLSI Design using Verilog HDL” was conducted by Mr. P. R. Sivakumar, CEO, Mavicon Silicon, Bangalore, for the students of III and IV year ECE on 4th February 2019.



Workshop on VLSI Design using Verilog HDL

- A one day workshop on “Employment Skills” was conducted by Prof. L. Selvam, HOD, Department of Computer Science, Loyola College, Vettavalam, for the III year students of CSE on 8th February 2019. The students learnt about Presentation skills, Communication and Interview skills.



Workshop on Employment Skills

- A one day workshop on “Mobile Application Development” was conducted by Mr. K. Manikannan, Research Scholar, Anna University, Chennai, for the III year students of CSE on 23rd February 2019. The students gained knowledge on how to develop an android application and android mobile platform tools.



Workshop on Mobile Application Development

GUEST LECTURES

Guest lectures, given by industry personalities, enhance the educational experience of the students thereby opening new doors for better career opportunities. Keeping this aim in mind the Engineering departments organized various guest lectures. Eminent personalities, academicians, leading industrialists, Chief Executive Officers and Managers are invited to share their experiences and views with our students.

- A guest lecture on “Internet of Things” was presented by Rev. Fr. Sebastian Alphonse, Head of the Department, Computer Science and Engineering and Controller of Examinations, St. Xavier’s

College of Management and Technology, Patna, for the students of CSE on 18th August 2018. The basics and applications of IoT were presented which helped the students to gain more knowledge about IoT.



Guest lecture on Internet of Things

- A guest lecture on “Alternative Fuels” was presented by Dr. A. P. Sathyagnanam, AP, Department of MECH, Annamalai University, Chidambaram, for the students of MECH on 29th August 2018. The students gained knowledge about the production of bio diesel and business opportunities of bio diesel.



Guest Lecture on Alternative Fuels

- A guest lecture on “Engineering Physics and its Applications” was presented by Dr. J. Balaji, AP, Department of Physics, University College of Engineering, Panruti, for the I year students on 12th September 2018. He delivered the basic concepts of Physics and its applications in the field of Engineering which helped the students to understand more about Physics.



Guest Lecture on Engineering Physics and its Applications

- A guest lecture on “Engineering Chemistry and its Applications” was presented by Dr.J.Thulasidasan, ASP, Department of Chemistry, PRIST University, Chennai Campus, for the I year students on 16th October 2018. He explained the key concepts of Chemistry with numerous examples and videos. Students actively participated and benefited much from this lecture.



Guest Lecture on Engineering Chemistry and its Applications

- A guest lecture on “Engineering Mathematics” was presented by Mr. P. JoyalRoy, AP, Department of Mathematics, St.Joseph’s College, Tiruchirappalli, for the I year students on 23rd October 2018. He delivered the basic concepts of Engineering Mathematics and its applications, connecting with the day to day activities.



Guest Lecture on Engineering Mathematics



Guest Lecture on Machine Learning

- A guest lecture on “Machine Learning” was presented by Mr. K.C. Prabu Shankar, AP, Department of CSE, SRM University, Chennai, for the students of CSE on 6th March 2019. The talk focused on introducing the concepts of Machine Learning, Artificial Intelligence and its applications to students.

MOTIVATIONAL PROGRAM

Our college organizes motivational programs for the students to learn about the skills and knowledge required for various career to reach their goals.

- Dr. D. Ommurugadhasan, Professor and Head, Department of MECH, conducted a motivational program on “Self-Motivation and Confidence Building” for the students of EEE on 4th September 2018. The program elaborated the requirements of a successful student and elucidated the super memory techniques of right and the left brain, with examples which inspired the students. The programme strongly enforced the statement “You become what you think; so think positively” and explained various methodologies of building selfconfidence and motivation.



Motivational Program on Self-Motivation and Confidence Building

- A motivational program on “Strategies for Breaking Comfort Zones” was presented by Mr. Dhakshinamoorthy, Neuro Linguistic Programmer and Psychologist and Mrs. Subha, English Language Facilitator, for the I year students on 7th September 2018. They discussed and interacted with the students on many strategies to break comfort zones, encouraged the students and gave guidelines on students’ academic life.



Motivational Program on Strategies for Breaking Comfort Zones

- A motivational program on “Health Awareness” was organized by the Department of MECH on 26th September 2018. A three member team from the ‘Jesuit Ministry to Alcohol and Drug



Motivational Program on Health Awareness

Dependents’, Nagercoil, enlightened the students on the ill effects of consuming alcohol and drugs, through video presentation and citing real life incidents. They made the students to understand the consequences of drug addiction and how it is not only detrimental to health but also destroys families. Many rural public who came to the campus

were counseled according to their needs. On the whole, this programme was an eye-opener to the students and the public.

- A motivational program on “Your Vision Should be in You” was presented by Dr. R. Arokiadass, Principal, for the I year students on 5th February 2019.

SEMINARS

By conducting seminars the knowledge of the students is expanded and all the departments organized seminars on various topics.

- A one day seminar on “Demonstration of CAD software” was conducted by Mr. S. Selvakumar, CADD Centre Training Services Pvt. Ltd, Villupuram, for the students of Mechanical Engineering on 2nd January 2019.

- A seminar was organized for the III year students of Department of ECE and EEE, on “Placement and Recruitment Progress” conducted by Mr. Karthick, Human Resource Manager, Campus Connection, Chennai, on 29th January 2019. He gave an overview of the placement procedures and its methodologies to create awareness for students in their research areas.



Seminar on Placement and Recruitment Progress

RESEARCH AND DEVELOPMENT CELL

- A Technical Seminar on “5G Mobile Technologies” was presented by Mrs. D.Uma Maheshwari, ASP, Department of E C E , organized by Research and Development (R&D) Cell on 13th September 2018. This seminar enumerated the latest iteration of cellular technology 5G, its working, the status of 5G deployment, types of 5G wireless services and so on.



Technical Seminar on 5G Mobile Technologies

- A Technical Seminar on “Secure data sharing in Cloud” was presented by Mrs. Z. Asmathunnisa, AP, Department of CSE, organized by R&D Cell on 27th September 2018. This seminar provides a way to secure the private data in a cloud environment.
- A Technical Seminar on “Applications of Nanotechnology in various fields” was presented by Mrs. S. Ramya, ASP, Department of S&H, organized by R&D Cell on 4th October 2018. This seminar was useful to know about the importance and various applications of nanotechnology.

INDUSTRIAL VISIT

Industrial visits provide an excellent opportunity for the students to interact with industries and know more about industrial environment. Industrial visits are arranged by the departments for the students with an objective of providing them functional opportunity in different sectors which also helps to combine theoretical knowledge with industrial knowledge.

Our students had visited the following industries:

S. NO	DATE	DEPARTMENT	YEAR	COMPANY
1	21.09.2018	ECE	II Year	Doordharshan, Pondicherry
2	21.09.2018	CSE	III year	Lans Informatics, Coimbatore
3	21.09.2018	CSE	IV year	Gateway Software Solutions, Coimbatore
4	23.02.2019	CSE	II year	BSNL, Chennai
5	01.03.2019	ECE	III year	Doordharshan Kendra, Kodaikanal
6	16.03.2019	CSE	IV year	Tour to Kodaikanal
7	02.04.2019	CSE, ECE, EEE & MECH	I Year	EID Parry, Nellikuppam



Industrial Visit - Gateway Software Solutions, Coimbatore



Industrial Visit - Lans Informatics, Coimbatore



Industrial Visit - Doordharshan, Pondicherry



Industrial Visit - EID Parry, Nellikuppam



Industrial Visit - BSNL, Chennai



Tour - Kodaikanal

GRADUATION DAY

On 25th August 2018, the 5th Graduation was held in our college. Dr. K. Indira Priyadharshini, Head of Chemistry division, Bhabha Atomic Research Centre, Mumbai, delivered the graduation address and distributed the degrees to the Graduands and Rev. Dr. Sr. Y. Yesu Thangam, Secretary, St. Anne's College of Engineering and Technology, distributed the medals to the toppers. Dr. R. Arockiadoss, Principal, presented a report of the achievements of the college.



Graduation 2018

NCRDSET '19

Fifth National Conference on Research and Development in Science, Engineering and Technology (NCRDSET'19) was organized at St. Anne's College of Engineering and Technology on 28th February 2019. This conference was technically co-sponsored by Indian Society for Technical Education (ISTE). The objective of the Conference was to address the rapid strides and technological advancements in the fields of Science, Engineering and Technology and also to offer a platform to track the quality research and development updates from Researchers, Engineers, Scientists, Industrialists, Academicians and Students.

A total of 165 papers were received on which 133 papers were selected and 112 papers were published in the conference proceedings with an ISBN number 978-93-5254-8118 and one best paper selected from each department will be published in the UGC & Scopus Indexed Journals at free of cost.

Over 280 participants including students, researchers and faculty members, attended the conference. Our college faculty members and students presented their research work in the NCRDSET'19.

Our college Secretary Rev. Dr. Sr. Y. Yesu Thangam, has presided over the inaugural session and delivered the presidential address. The Chief Guest Prof. Dr. S. Manickam, Department of



Release of NCRDSET'19 Proceedings

Manufacturing Engineering, Annamalai University, delivered the inaugural address on the necessity to expose students to recent advances and trends in Science, Engineering and Technology as they play an important role in disseminating the advances in Science and Technology. The keynote speaker Dr. K. Jayanthi, Professor, Department of ECE, Pondicherry Engineering College, addressed that the Science and Engineering

research in academic institutions play a critical role in raising our standard of living, creating jobs, improving health, and for promoting national security.

Valediction was presided by Dr. S. Jayasundar, Head, Department of CSE, Idhaya Engineering College for Women. He congratulated the students whose papers were selected as best papers.

AWARENESS PROGRAM

A one day awareness camp on "Energy Utilization Awareness Camp" was organized by the Department of EEE in St. Anne's Girls Hostel, on 4th March 2019. Mr. A. Richard Pravin, ASP, Department of EEE and Mr. K. Sriram, Coordinator, Energy And Enviro Vision Club, AP of Department of EEE, gave the awareness on



Awareness camp on Energy Utilization

energy saving methods and also provided the slogans on energy awareness.

TRAINING AND PLACEMENT

The Training and Placement Cell is committed to cater to the needs of the students by arranging campus interviews for their placement. Interaction with organizations are regularly done for placement requirements. Placement cell also conducts career guidance workshop to the final and pre-final year students to face their future with confidence. The faculty members of all the departments work

in close collaboration with the cell. Together they monitor the students in excelling in their profession. The training and placement cell also organizes various tests to enrich their artistry. In tune with current trends, the placement cell is imparting the necessary skills to our students and moulds them to be Industry-Ready Professionals.

- An awareness program on employability opportunities given by the Government of India, "Skill India Mission" was organized for the IV year students of all departments on 23rd July 2018.
- A demonstration program on "Placement training and Interview skills" for IV year students was conducted by Mr. Andrew Felix, HR, Campus Connection, to enhance the training methodology and to improve the interview skills on 13th August 2018.
- An On-campus Drive was arranged for IV year students of all the Departments on 29th August 2018. A team from Olive Consultancy, Chennai, conducted the interview and 18 students were selected and placement order was issued to work in 4 Companies: Digisurf, Chennai Autotech, Chennai CNC and Arkkays.
- An On-Campus Drive was organized for the IV year EEE, Mechanical and ECE students on 27th September 2018. A team from Mitsuba Sical (m/s Sri Marg Human Resource), Gummidipoondi, Chennai, conducted an interview and 10 students were selected for job.
- An On-Campus Drive was organized for the IV year students of Mechanical Engineering on 5th October 2018. Mrs. Krithika, Human Resources Manager, Globe Components Private Limited, Ambattur, Chennai, conducted group discussion and personal interview and 12 students were selected for placement.
- An On-Campus Drive was arranged for the IV year students of Mechanical Engineering on 26th November 2018, by Hitts Plastico Painting, Chennai. 25 students participated and 9 were selected.
- An On-Campus Drive was organized for the IV year students of Computer Science and Engineering on 3rd November 2018. Two Companies (Rank Raze, Chennai and Tricrop Technologies, Chennai) conducted the interview and 5 students were selected for job.

The following companies recruited our students and details are given below.

S.NO.	NAME OF THE RECRUITER	DEPARTMENT	NO. OF STUDENTS PLACED
1	Digisurf, Chennai	MECH, EEE, ECE & CSE	8
2	Chennai Auto Tech, Chennai	MECH	6
3	Arkkays, Chennai	MECH	3
4	Chennai CNC, Chennai	MECH	1
5	Renault Nissan, Chennai	MECH & EEE	25
6	Flextronics, Chennai	EEE, ECE & CSE	16
7	Mitsuba Sical, Chennai	MECH, EEE & ECE	10
8	Globe Components, Chennai	MECH	12
9	Hitts Plastico Painting, Chennai	MECH	9
10	Rank Raze, Chennai	CSE	2
11	Tricorp Technologies, Chennai	CSE	3
12	Lead Pro, Chennai	MECH, EEE, ECE & CSE	31
13	Elcompo Electronics, Chennai	EEE & ECE	3
14	Perfect Electronics, Chennai	EEE & ECE	3
15	Infiniti software Solutions, Chennai	CSE	1
16	Aveon Technologies, Coimbatore	CSE	5
17	Satvat Infosol, Chennai	EEE, ECE & CSE	16
18	K. K. Persicion, Chennai	MECH	11

The hard work of the staff and students resulted in securing 95% placement to the outgoing students. A special function was organized on 9th March 2019, to issue placement orders to the students in the presence of their parents and the Chief Guest. Mr. N. Muthu, ED/HR, NLC Ltd., Neyveli. The placement was offered by 18 companies.



Rank Raze

Rank Raze & TriCrop Technologies

5 Students



TRICORP
grow your business



J. MONISHA - CSE



N. AKILA - CSE



R. BOWIJABANU - CSE



Y. JENIFER - CSE



S. SABARINATHAN - CSE

Lead Pro Technologies - 31 Students



Renault Nissan (Teamless role) - 25 Students



DIGISURF - 8 Students



Infiniti Software Solutions - 1 Student



Chennai CNC - 1 Student



Aveon Technologies - 5 Students



K.K. Precision Components - 11 Students



ARKKAYS - 3 Students



Elcompo Electronics - 3 Students



Perfect Electronics - 3 Students



Globe Components Pvt Limited - 12 Students



MITSUBA Mitusba Sical (m/s Sri Marg) - 10 Students



HITTS Plastico Painting - 9 Students



Chennai Autotech - 6 Students



SERVICE TO THE SOCIETY

Serving the society, especially the economically and educationally poor, and the downtrodden is part of our mission. Our staff and students regularly visit the people at Irular colony, teach them health and hygiene, and sending the school drop-outs back to school by arranging the necessary conveyance. Our staff and students played a major role during Gaja Cyclone at Kameswaram.

NATIONAL SERVICE SCHEME (NSS)

National Service Scheme (NSS) is a permanent youth programme under the Ministry of Youth Affairs and Sports, Government of India. The motto of the NSS is "Not Me but you". The main objective of the NSS is developing and promoting student's personality through community service. It provides an excellent opportunity to the students to develop interpersonal relationship and skills. The NSS unit of our institution consists of 100 students and it functions efficiently.

With the theme of 'Tree plantation, Cleanliness is next to the Godliness and Healthy Youth for Wealthy India' around 100 students from all the departments registered and enthusiastically participated in the following camps:

- A two day camp was conducted at Kokkupalayam village, at Sathiya Gana Sabai, Vadalur. The places in and around the temple and streets of the villages were cleaned and around 200 trees were planted.
- To create awareness about dengue fever a one day camp was organized. at Govt. Primary and Higher secondary school, Sirukiramam and Nilavembu Kashayam was distributed to the school children. A total of 300 school students benefited from this camp.
- Our NSS Volunteers provided Nilavembu Kashayam to the Govt. Primary school students at Kokkupalayam village, to create awareness about dengue fever.
- A two day camp was conducted at Velai Nagar, just behind the college. Dr. R. Arokiadass, Principal, St. Anne's College of Engineering and Technology, addressed the villagers of Velainagar, under the theme "Cleanliness is next to Godliness" and created awareness among the villagers about the importance of cleanliness.
- A one day camp was organized to plant trees at St. Mary's Church, Panruti.

- Gaja Cyclone Relief: Staff members along with our NSS volunteers participated in a one day camp on 2nd December 2018 at Kameshwaram village, Nagapattinam district, for intensive cleaning and rehabilitation of the affected people due to Gaja cyclone.



Gaja Cyclone Relief Services

- The NSS unit of our college organized a one day camp on 1st February, 2019, in the college campus. Theme of the camp was 'Cleanliness is next To the Godliness'. About 84 NSS volunteers (1 year students) participated in the event.



Campus Cleaning

- In collaboration with the Municipality of Panruti, NSS Unit II organized a mega rally on Plastic eradication.
- In collaboration with Municipality of Panruti, NSS Unit I organized a mega rally on 3rd April, 2019, regarding 100% voting awareness rally.
- Our college NSS unit organized a seven day camp from 8th April, 2019 to 14th April, 2019 at Kudiruppu village, Panruti Taluk, Cuddalore District. Theme of the camp was 'Clean India: Youth's Contribution'. The places in an around the temple and streets of this villages were cleaned. Dental camp, road renovation, removal of plastic, sports for school children and hand craft training for economic empowerment were conducted.

In order to create awareness, a rally for 100% voting, HIV/AIDS and Blood donation were conducted. The NSS students painted the Temple compound wall and planted saplings at Kudiruppu village. Various awareness speeches were arranged on "Solid Waste Management and Clean India", "Disaster Management and First Aid" and "HIV/AIDS and Blood Donation".



100% Voting Awareness Rally, Panruti

SPORTS LINE

Physical fitness enhances the minds and activates the energy to flow into the heart. Participating in sports and games creates a healthy competitive spirit and enables the students to lead a disciplined life. The department of physical education is a hub of sports activities. It is equipped with indoor and outdoor facilities for staff and students and both men and women actively take part in individual and group activities. Our physical director, Mr. A. Thomas Aravamudhan, gives coaching to our students in kabaddi, kho-kho, volley ball, football and badminton. This year our students have participated in the following zonal level tournaments.

S. No	Event	Date	Organizing institution/Venue	Status
1.	Kabaddi (Men)	6.09.2018 & 7.09.2018	MRK Institute of Technology, Kattumannarkovil	II Place
2.	Kho-Kho (Men)	20.09.2018	VRS College of Engineering and Technology, Arasur	III Place
3.	Volley Ball (Women)	14.09.2018	University College of Engineering, Villupuram	III Place
4.	Badminton (Women)	7.10.2018	Surya College of Engineering, Vikravandi	III Place

STSFF ORIENTATION

A one day Orientation Program on "Holistic Development" was conducted by Rev. Dr. Sr. Y. Yesu Thangam, Secretary, St. Anne's CET, on 18th December 2018. She explained the objectives, charism and service of St. Anne's Congregation. She also enumerated the way to materialize our college vision "To Build a Holistic Society" and the means to become excellent teachers. All the faculty members and staff attended this program.



Staff Orientation

CELEBRATION OF IMPORTANT EVENTS

ST. ANNE'S FEAST

St. Anne's Feast, the Patron Saint of the Sisters of St. Anne, was celebrated on 26th July 2018. All the Sisters of St. Anne's Convent were honoured with a memento. A small amount for the needy people was given on behalf of Teaching and Non-Teaching faculty members. A written test and competition on Poem writing from Muthu Chippi, The life of our college Patrons, St. Anne and Joachim, were conducted and prizes were given to the winners of the events.



INDEPENDENCE DAY

The 72nd Independence Day was celebrated in the college premises on 15th August 2018. The celebration started with the unfurling of the tricoloured national flag by Dr. R. Arokiadass, Principal, followed by the Independence day address. The day was celebrated by commemorating the nation's struggle and immolation of our mighty freedom fighters. As part of the celebration, a special debate was conducted which invoked the patriotism in everyone's soul.



Independence Day Celebration

TEACHER'S DAY

Teacher's Day was celebrated in the college on 5th September 2018. Y. Jenifer of IV year CSE, gave a speech on the life of Dr. Radhakrishnan. This was followed by a speech by the Secretary who spoke about the significance of Teachers Day and congratulated all the faculty members for choosing teaching as a mission. Then the Principal gave a speech of appreciation about the life of teachers, their dedication towards their work and thanked all the faculty members. On behalf of the Management, the best performers in various departments were rewarded.



Teachers Day Celebration

CHRISTMAS CELEBRATION

Christmas was celebrated in the evening of 22nd December 2018, at the college. The function started with a prayer and the blessing of crib. The essence of Christmas came alive when all the staff members got together and shared the merriment. Faculties from all the departments gave gifts to their chris friends with much joy. On this cheerful occasion Principal shared his Christmas wishes to all the



Christmas Celebration

PONGAL CELEBRATION

The Pongal festival was celebrated on 12th January 2019 in our college premises. Pongal was prepared in the campus and distributed to all the students and staff members after prayer.



Pongal Celebration

REPUBLIC DAY

The Republic Day was celebrated on 26th January 2019 in our college premises. Dr. R. Arokiadass, Principal, hoisted the National Flag and addressed the students to imbibe patriotism among students. Mr. A. Richard Pravin, ASP/EEE delivered a speech on the Role of youth in republic India.



Republic Day Celebration

WOMENS DAY

Women's Day was celebrated on 8th March 2019. The Chief Guest, Rev. Sr. Mary Soumi Remy, Junior Advocate, High Court, Chennai, gave a talk regarding empowerment and rights of women in society. Rev. Dr. Sr. Y. Yesu Thangam, Secretary, delivered Presidential Address and Dr. R. Arokiadass, Principal, felicitated them. Programmes like songs, mime, speech and poems were there to entertain the audience.



Women's Day Celebration



Seven Day NSS Camp

EDITORIAL BOARD

Editorial members

Mrs. Annie John, ASP/MECH
 Mr. A. Sundara Pandiyan, AP/EEE
 Ms.V. Varalakshmi, AP/CSE
 Mr. D. Sampath Kumar, Prof./S&H
 Mr.R. Arun Kumar, AP/ECE
 Sr. Jacqueline Luice Pappa, System Admin./CSE
 Mr. S. Venuganan, System Analyst/CSE

Courses Offered

- ✦ B.E. Computer Science and Engineering
- ✦ B.E. Electrical and Electronics Engineering
- ✦ B.E. Electronics and Communication Engineering
- ✦ B.E. Mechanical Engineering

FOR ALL COMMUNICATIONS

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY,
 ANGUCHETTPALAYAM, PANRUTI - 607108,
 CUDDALORE DISTRICT.



stannescet@gmail.com



04142 - 244661



www.stannescet.co.in

3860
 Counselling code

Feedback on St. Anne's News Epistle can be sent to newsepistle@yahoo.com