



# ST. ANNE'S

## COLLEGE OF ENGINEERING AND TECHNOLOGY



VOLUME-IV ISSUE-II

NEWS EPISTLE

JAN - JUNE 2018



With Prayerful wishes  
**Rev. Mother Victoria., S.A.T**  
Secretary.

In the present scenario, Knowledge explosion is being ushered in our midst especially in Engineering and Technology. It is a pleasure to note the glorious stride of our growing institution. The joy and experience shared in our campus ensure the development and the overall personality of all the students. It is great to notice that some interesting events takes shape frequently at our campus. All of us are equally delighted to witness the happenings of significant events and tremendous achievements.

I wish to record my hearty congratulations to those who have brought laurels to the institution and I appreciate all of you for working together as a team. I wish you all the best for achieving greater success and scaling newer heights in education and career ahead.

It is my pleasure to release the St. Anne's news epistle for the period January to June 2018. St. Anne's CET has grown abundantly in the recent past. It continues to sustain its growth. People reading this news epistle will realize the tremendous changes that are happening in the St. Anne's CET campus. The news epistle is presenting a glimpse of the growth of the institution on many fronts. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college students and staff. The highly qualified and dedicated members of staff have always stood shoulder with the management and have carried out their duties with a level of commitment. This news epistle has recorded achievements such as: conferences attended by staff members and students, competitions won by the hugely talented students, innovative projects carried out by students with the guidance of staff, among others. They stand as a witness to the monumental efforts taken by the management to make the college a center of excellence in education. I wish the staff and students of the college success in their future endeavours.

**Dr. R. Arokiadass, M.E., Ph.D.,**  
Principal.



**YOUR COLLEGE!**

**YOUR FUTURE!!**

**BUILD YOUR CAREER!!!**



4<sup>th</sup> National Conference



Women's Day Celebration



Alumni Meet- 2018

Research and Development Cell



Research Day



Seminar

## ELECTRONICS AND COMMUNICATION ENGINEERING

## Faculty attended Conferences/ Workshops / Seminars

- Sr. Anita, Associate Professor & Head of ECE Presented a paper titled “Formulation of Mathematical Model for GABA in Diagnosing Early Parkinson’s disease using regression and ANN” in 4<sup>th</sup> National conference on Research and Development in Science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Sr. Anita, Associate Professor & Head of ECE published a paper titled on “Three Dimensional Analysis of SPECT images for Diagnosing Early Parkinson’s disease using radial basis function kernel –Extreme learning machine” in current medical imaging reviews, volume-14,2018
- Sr. Anita, Associate Professor & Head of ECE published a paper titled on “Improved Classification Accuracy for Diagnosing Early Stage of Parkinson’s Disease using 3D SPECT images” in Romanian journal of information science and technology, volume: 21(2), 2018.
- Mr. S. BalaBasker, Associate Professor and Mr. R. Radhakrishnan, Assistant Professor Presented a paper titled “Internet of Things Based Smart Car Parking System” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr. V. Venkatesan, Assistant Professor and Mr. S. Durairaj, Assistant Professor Presented a paper titled “Analog Low Amplifier Circuit Design and Optimization” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mrs. M. Vaidehi, Professor Ms. S. Devika, Assistant Professor and Mrs. C. Suganya, Assistant Professor Presented a paper titled “Implementation of an Energy Detection Technique for Spectrum Sensing in cognitive radio” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr. S. BalaBasker, Associate Professor and Mr. R. Radhakrishnan, Assistant Professor Presented a paper titled “Implementing Digital FIR Filter Using Various Windows On DSP Processor” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr. V. Venkatesan, Assistant Professor and Mr. S. Durairaj, Assistant Professor Presented a paper titled “Analysis and Design of Circular Microstrip Patch Antenna For ISM Band Applications” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mrs. M. Vaidehi, Professor Mrs. D. Umamaheswari, Associate Professor and Mrs. B. Mary Amala Jenni, Assistant Professor, Presented a paper titled “FFT Approaches to Analyze the Periodic characteristics of ECG Waveform” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.

- Mrs. M. Vaidehi, Professor Mrs. B. Mary Amala Jenni, Assistant Professor and Ms. S. Devika, Assistant Professor Presented a paper titled “Design and Implementation of Anti Collision System to Revent Train Accident Dynamically using Embedded System” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Ms. S. Devika, Assistant Professor, Ms. S. K. Suriya, Assistant Professor and Mrs. C. Suganya, Assistant Professor Presented a paper titled “A Survey on Smart Home Based Systems using WI-FI” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mrs. D. Umamaheswari, Associate Professor, Mrs. B. Mary Amala Jenni, Assistant Professor and Ms. S. K. Suriya, Assistant Professor Presented a paper titled “An Adaptive Routing Protocol for Extension of Lifetime and Coverage Area in WSN” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mrs. D. Umamaheswari, Associate Professor, Mrs. C. Suganya, Assistant Professor and Ms. S. K. Suriya, Assistant Professor Presented a paper titled “Combining Memory Allocation and Processor Voltage Scaling for Energy Efficient IOT Task Scheduling” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.

## Guest Lectures/Workshops/Seminars/Events conducted

- One day workshop for III Year ECE students was conducted on the topic “Antenna Designing For Wireless Communication” by Mrs. B. Mary Amala Jenni Assistant Professor and Mr. S. Durairaj Assistant Professor at St. Anne’s College of Engineering and Technology held on 6<sup>th</sup> January 2018.
- One day technical seminar was conducted on “Effective project presentation and implementation” by Sr. S. Anita., HOD/ECE for IV year ECE students at St. Anne’s College of Engineering and Technology on 8<sup>th</sup> February 2018.
- A guest lecturer on “Strategy planning on successful Goals” was conducted for IV year ECE students on 9<sup>th</sup> February, 2018 by Dr. R. Arokiadass., Principal, St. Anne’s College of Engineering and Technology.



Effective project presentation and implementation

• One day workshop was conducted on “Microsoft word, Power point and Excel” by Mrs. M. Vaidehi., Professor/ECE, Mr. S. BalaBasker., Associate Professor /ECE and Mr. V.Venkatesan., Assistant Professor/ECE for II, III and IV year ECE students at St. Anne’s College of Engineering and Technology on 24<sup>th</sup> February 2018.

### Students Achievements

- R. Ranjith of IV year participated in an Internship titled “Software Development” Program conducted by SIIT Technology from 1<sup>st</sup> January to 31<sup>st</sup> January 2018.
- One day workshop was conducted on “Antenna Design using HFSS” for III Year and IV year students at St. Anne’s College of Engineering and Technology on 6<sup>th</sup> January 2018.
- M. Meera and R.Avila Vinnarasi of III year participated a paper titled on “Latest Trends and Technologies in Communication” at University College of Engineering Villupuram held from 1<sup>st</sup> & 2<sup>nd</sup> March 2018.
- J. Arunadevi, V. Jayasri and M. Aarthi of IV year presented a paper titled “Multi level car parking system using IOT” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- R. Joyrafalin, N. Gokulakrishnan, G. Ramachandran and S. Vignesh of IV year presented a paper titled “Movable pick and place Robotic Arm” at A.K.T Memorial College of Engineering & Technology held on 22<sup>nd</sup> March 2018.
- P. Praveen Raj, J. Muthukumarasamy and A. Vinayagam of IV year presented a paper titled “Robust and secure video steganography using Matlab” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- S. Jenprincy, R. Prema and E. Magila of IV year participated in a spot event titled “Technical Quiz, Technical connection” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- R. Antoniraj, G.S. Arunraj and R. Balaji of IV year presented a paper titled “Energy efficient path selection and CAS based traffic reduction in WSN” and participated in a spot event titled “Technical Quiz, Technical connection” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- X. Julit Xavio, D. Mary and P. Punitha of IV year presented a paper titled “IR based anti-photography system for prohibited areas” participated in a spot event titled “Technical Quiz, Technical connection” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- R. Ranjith, P. Arulkumar, M. Magimai Bonifal and S. Syed Abuthakeer of IV year won 2<sup>nd</sup> prize in paper presentation titled “Intelligent drone” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March, 2018.
- R. Ranjith, P. Arulkumar, M. Magimai Bonifal and S. Syed Abuthakeer of IV year won 1<sup>st</sup> prize in project Expo titled “Intelligent drone” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- N. Rajakumaran and J. K. Muthukumaran of IV year presented a paper titled “Frequency and pattern reconfigurable monopole antenna using varactor diode loaded AFSS” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.

- T.Vincent and M. Perumal of IV year presented a paper titled “Wireless Ultrasonic Doppler Radar for object detection, distance and speed measurement using Arduino” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March, 2018.
- K. Kanchana and R. Avila Vinnarasi of III year presented a paper titled “A Low-Cost Portable Real-Time EEG Signal Acquisition System Based on DSP” at A.K.T Memorial College of Engineering & Technology on 22<sup>nd</sup> March, 2018.
- N. Gokulakrishnan, G. Ramachandran and S. Vignesh of IV year Presented a paper titled “Movable pick and place Robotic Arm” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology on 23<sup>rd</sup> March, 2018 at St. Anne’s College of Engineering and Technology.
- P. Praveen Raj, J. Muthukumarasamy and A. Vinayagam of IV year Presented a paper titled “Robust and secure video steganography using Matlab” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology on 23<sup>rd</sup> March 2018 at St. Anne’s College of Engineering and Technology.
- S. Jenprincy, R. Prema and E. Magila of IV year Presented a paper titled “Designing Of Microstrip Slot Patch Antenna Using HFSS” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology on 23<sup>rd</sup> March 2018 at St. Anne’s College of Engineering and Technology.
- R. Antoniraj, G.S. Arunraj and R. Balaji of IV year Presented a paper titled “Energy efficient path selection and CAS based traffic reduction in WSN” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology on 23<sup>rd</sup> March 2018 at St. Anne’s College of Engineering and Technology.
- X. Julit Xavio, D. Mary and P. Punitha of IV year presented a paper titled “IR Based Anti- Piracy Screening System” in 4<sup>th</sup> National conference on Research and Development in science, Engineering and Technology on 23<sup>rd</sup> March 2018 at St. Anne’s College of Engineering and Technology.

### Industrial visits

- II and III year ECE students visited “Lansa Informatics Pvt Ltd”, Coimbatore on 17<sup>th</sup> March, 2018 along with staff members Ms. B. Mary Amala Jenni, Assistant Professor, Mr. V. Venkatesan, Assistant Professor, Mr. S. Durairaj, Assistant Professor and Ms. S. K. Suriya Assistant Professor.
- IV year ECE students visited “Wonderla”, Kochi on 23<sup>rd</sup> February 2018 along with staff members Mrs. D. Umamaheswari, Associate Professor, Mr. R. Radhakrishnan, Assistant Professor, Mrs. C. Suganya, Assistant Professor and Mr. F. Anthoni Ruban, Lab Assistant.



“Wonderla”, Kochi

## ELECTRICAL AND ELECTRONICS ENGINEERING

## Faculty attended Conferences/ Workshops / Seminars

- Mr. A. Richard Pravin Associate Professor and Mr.J.Ramesh Assistant Professor has participated two days International Conference and submitted a paper on “Optimal Rescheduling of Generators for Congestion Management in Unbundled Power System” at University College of Engineering, Panruti on 28<sup>th</sup> February 2018 and 1<sup>st</sup> March 2018.
- Sr. Annai Theresa, Assistant Professor has guided an industrial level project for the IV year students on “Touchdown aviation analysis” at National Small Industries Corporation Limited NSIC (Govt. of India Enterprise) from 6<sup>th</sup> December 2017 to 8<sup>th</sup> February 2018.
- Mr. A. Richard Pravin, Associate Professor, Mr.K.Sriram, Associate Professor and Mr.A.Sundara Pandiyan Assistant Professor has participated one day National Conference and submitted a paper on “Control of Hybrid AC/ DC Micro Grid involving Energy Storage Renewable Energy and Pulsed Loads” at CK College of Engineering and Technology, Cuddalore on 2<sup>nd</sup> March 2018.
- Mr. A. Richard Pravin, Associate Professor, Mr.K.Sriram, Associate Professor and Mr.A.Sundara Pandiyan, Assistant Professor has participated one day Workshop on “Real Time Applications on IOT Using MATLAB” at JNN Institute of Engineering, Periyapalayam Chennai on 22<sup>nd</sup> February 2018.
- Sr. Annai Theresa, Assistant Professor has participated one day National Conference and submitted a paper on “Analysis of Touchdown Point and Renewable Energy Generation in Aviation” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs. S. Lese, Associate Professor has participated one day National Conference and submitted a paper on “Real Time Multi Sensor Based Fire Detection and Notification System Using Fuzzy Logic” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs. S. Lese, Associate Professor has participated one day National Conference and submitted a paper on “Distribution Transformer Monitoring Controller System For Remote Electric Grids” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs.S. Lese, Associate Professor has participated one day National Conference and submitted a paper on “ACO Algorithm Based PID Controller for LFC with Non Linearity with Boiler Dynamics” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. V. C Eugin Martin Raj, Associate Professor has participated one day National Conference and submitted a paper on “Wireless fuzzy Controller for Drip Irrigation using Raspberry pi and GSM” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.V.C Eugin Martin Raj, Associate Professor and Mr. V. Balaji, Assistant Professor has participated one day National Conference and submitted a paper on “Bridgeless Sepic Converter with a Ripple Free Input Converter” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.V. Balaji, Assistant Professor has participated one day National Conference and submitted a paper on “Bumpless Control for Reduced THD in Power Factor Correction Circuits” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. A. Sundara Pandiyan, Assistant Professor has participated one day National Conference and submitted a paper on “Determination of Optimal Generation Cost for the Power System Using Whale Algorithm” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.A.Sundara Pandiyan, Assistant Professor has participated one day National Conference and submitted a paper on “Monitoring and Controlling Energy Meter by Using PLCC Communication System” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.J. Arul Martinal, Assistant Professor has participated one day National Conference and submitted a paper on “Tuning Controller Parameters and Load Frequency Control Of Multi Area Power System by Group Search Optimization Technique” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.V. Narmadha, Assistant Professor has participated one day National Conference and submitted a paper on “Improved Power Generation in PV System using ALO Optimization Technique” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.M. Premalatha, Assistant Professor has participated one day National Conference and submitted a paper on “Flexible Voltage Control Strategy Considering Distributed Energy Storages for DC Distribution Network” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.M. Premalatha, Assistant Professor and Ms.J. Arul Martinal, Assistant Professor has participated one day National Conference and submitted a paper on “Cuk Converter And Bandium Battery In Optimal Management of Smart Grid using Graphend PV System” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms. M. Premalatha, Assistant Professor, Ms. J. Arul Martinal, Assistant Professor and Ms.V. Narmadha, Assistant Professor has participated one day National Conference and submitted a paper on “Performance Analysis of Shunt Active Power Filter Based on Cascaded Transformer by Reducing Harmonics” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. A. Sundara Pandiyan, Assistant Professor, has guided a project for the IV year students on “Monitoring and Controlling Energy Meter by using PLCC Communication System” for the Project Expo held at Kings College of Engineering and Technology, Tanjore on 29<sup>th</sup> March 2018.
- Mr. A. Richard Pravin, Associate Professor, Mr.V.Balaji, Assistant Professor and Mr.A.Sundara Pandiyan, Assistant Professor has attended one week DST-SERB sponsored National Level Seminar on “Integration of Green Energy With Smart Grid through IOT” held at Sathyabama Institute of science and technology, Chennai from 19<sup>th</sup> to 23<sup>rd</sup> June 2018.

## Students Achievements

- C. Anish, F. Priyan, V. Soundara Pandiyan and N. Vasudevan of IV year had successfully completed three months industrial project on “Touchdown aviation analysis” at National Small Industries Corporation Limited NSIC (Govt. of India Enterprise) from 6<sup>th</sup> December 2017 to 8<sup>th</sup> February 2018.
- S. Perumal Raj, V. Vijaya Kumar, R. Prakash and N. Thirumalaivasan of IV year has presented a paper titled “Optimal Rescheduling of Generators for Congestion Management in Controlled Power System” at University College of Engineering, Panruti on 28<sup>th</sup> February 2018 and 1<sup>st</sup> March 2018.
- V. Chandru and S. Vetrivel of IV year has presented a paper titled “Wireless Fuzzy Controller for Irrigation using Raspberry Pi and GSM” at Thiruvalluvar College of Engineering and Technology on 3<sup>rd</sup> and 4<sup>th</sup> March 2018.
- K. Ajithkumar and V. Kartick of IV year has presented a paper titled “Maximum power point tracking technique using Antlion optimization algorithm for a standalone PV system” at Thiruvalluvar College of Engineering and Technology on 3<sup>rd</sup> and 4<sup>th</sup> March 2018.
- M. Gopikrishnan, V. Subash, S. Vetrivel, E. Prakashraj, S. Kaviyarasan and V. Chandru of IV year has participated in the event Circuit debugging, TechTorrent in a National Level Technical Symposium at Annai Teresa College of Engineering, Tirunavalur on 10<sup>th</sup> February 2018.
- C. Vignesh of IV year, Mohammed Shafiuallah and Mohammed Jubair of III year has participated and presented in the event Technical Quiz & Paper Presentation in 3<sup>rd</sup> National Level Technical Symposium at CK College of Engineering and Technology, Cuddalore on 1<sup>st</sup> March 2018.
- P. Vigneshwaran of IV year has participated in the Cultural Feast – SNS ALLORA at SNS college of Technology, Chennai on 17<sup>th</sup> March 2018.
- A. Devadoss of IV year has presented a paper titled “Monitoring and Controlling Energy Meter by using PLC Communication System” and Secured Second Place in a National Level Technical Symposium at AKT memorial College of Engineering and Technology, Kallakurichi on 22<sup>nd</sup> March 2018.
- K. Ajithkumar of IV year has presented a paper titled “Maximum power point tracking technique using Antlion optimization algorithm for a standalone PV system” and secured Third Place in a National Level Technical Symposium at AKT memorial College of Engineering and Technology, Kallakurichi on 22<sup>nd</sup> March 2018.
- S. Vetrivel and K. Ajithkumar of IV year has participated and secured First place in the event Connection in a National Level Technical Symposium at AKT memorial College of Engineering and Technology, Kallakurichi on 22<sup>nd</sup> March 2018.
- E. Prakash Raj of IV year has participated and secured Second place in the event Connection in a National Level Technical Symposium at AKT memorial College of Engineering and Technology, Kallakurichi on 22<sup>nd</sup> March 2018.
- C. Anish, F. Priyan, V. Soundara Pandiyan and N. Vasudevan of IV year has presented a paper on “Analysis of Touchdown Point and Renewable Energy Generation in Aviation” in one day National Conference and secured a First Place at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.

- R. Keerthana III year has participated one day National Conference and submitted a paper on “Performance analysis of shunt active power filter based on cascaded transformers by reducing harmonic elimination” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- B. Subishya II year has participated one day National Conference and submitted a paper on “Distribution Transformer Monitoring and Control System for Remote Electric Grids” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- A. Soundarya and P. Banupriya III year has participated one day National Conference and submitted a paper on “Optical placement of thyristor controlled series compensator using group search optimization algorithm for loss minimization” at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- S. Epsiba Rani of IV year attended two days workshop on “National Colloquium on Leadership for Disruptive World: Disruptive Innovation- Technology” at Joseph Institute of Management, Trichy from 23<sup>rd</sup> and 24<sup>th</sup> February 2018.
- S. Poomani, K. Ajithkumar, K. Aswinkumar, E. Prakashraj, S. Vetrivel, M. Gurumoorthy, V. Chandru, C. Vignesh, A. Sivagami, M. Sadam Hussain, B. Banumathi, T. Jagan Vijay, V. Karthik, K. Krishnan, V. Subash and K. Prasanth of IV year attended four days Seminar and one day on “A UNIUE ONE DAY COMPANY VISIT CUM SEMINAR ON TQM” at College of Engineering, Guindy Chennai from 21<sup>st</sup> to 24<sup>th</sup> February 2018



## Industrial Visits

- An Industrial Visit was organized by Department of Electrical and Electronics Engineering to SUNDHARAM HI-TECH, RAMPACKAM as a part of their curriculum for II year Students on 20<sup>th</sup> February 2018.
- An Industrial Visit was organized by Department of Electrical and Electronics Engineering to RADIO ASTRONOMY CENTRE, OOTY as a part of their curriculum for II year Students on 2<sup>nd</sup> March 2018.
- An industrial visit was organized by Department of Electrical And Electronics Engineering to DOORDARSHAN – KODAIKANAL as a part of their curriculum for III year Students on 2<sup>nd</sup> March 2018.



“SUNDHARAM HI-TECH”

## COMPUTER SCIENCE AND ENGINEERING

## Faculty attended Conferences/ Workshops / Seminars

- Ms.S.Vanathi, Assistant Professor participated in the National Conference on “National Colloquium on Leadership for Disruptive World: Disruptive Innovation Technology” at St. Joseph’s Institute of Management, Tiruchirappalli on 23<sup>rd</sup> & 24<sup>th</sup> January 2018.
- Mrs. D.Pauline Freeda, Associate Professor had given a Motivational talk about “Women empowerment skills and strategies” for First year girls at St.Anne’s College of Engineering and Technology, Panruti on 22<sup>nd</sup> February 2018.
- Mrs.M.Senthamarai Selvi, HOD & Associate Professor and Mr.S.Rajarajan, Assistant Professor presented a paper titled “Human Activity Recognition by Triliteration HMSA” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs.M.SenthamaraiSelvi, HOD & Associate Professor and Mr.S.Rajarajan, Assistant Professor presented a paper titled “Ant Based Routing And QoS Effective Data Collection For Mobile Wireless Sensor Network” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs.M.SenthamaraiSelvi, HOD & Associate Professor presented a paper titled “Android Based Position Detecting and Tracking System Using GPS and GSM” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs. D.Pauline Freeda, Associate Professor presented a paper titled “Securing an Image Using Arithmetic Coding and Hyper Chaotic Map” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs. D.Pauline Freeda, Associate Professor and Mr. X. Martin Lourduraj, Assistant Professor presented a paper titled “KNN classification over semantic encryption of data” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.S.Rajarajan, Assistant Professor presented a paper titled “Image-Text Matching Tasks Using Two Branch Neural Networks” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mrs. K. Poornambigai, Assistant Professor presented a paper titled “Representation of Graphical Description from Natural Language” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.S.Manavalan, Associate Professor presented a paper titled “New Models for Human and Computer Interaction” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.S.Jerald Nirmal Kumar, Associate Professor presented a paper titled “Privacy Preservation Framework for Utility Services in Cloud” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr.S.Jerald Nirmal Kumar, Associate Professor presented a paper titled “Trusted Privacy for Mobile user Accessing the Cloud Computing Service” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. X. Martin Lourduraj, Assistant Professor presented a paper titled “Face Recognition and Expression Detection to Aid Visually Impaired People Using Kinect Sensor” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. X. Martin Lourduraj, Assistant Professor presented a paper titled “Disease Symptoms Analysis and Diagnosis System for Physically Challenged Person” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.V.Varalakshmi, Assistant Professor presented a paper titled “Smart ATM Security System Using Wireless Pin Authentication Method” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.V.Varalakshmi, Assistant Professor presented a paper titled “Secure Data Retrieval for Decentralized Delay Tolarent Military Network” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.S.Vanathi, Assistant Professor presented a paper titled “Capacity Based Security Enforcement in named Data Networking” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.S.Vanathi, Assistant Professor presented a paper titled “Augmentation of Network Security in Openflow Structure using Software Defined Network” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.

## Guest Lectures/Workshops/Seminars/Events conducted

- The Workshop on “Core Java” handled by Mr. S.Jerald Nirmal Kumar, Associate Professor & Ms.V.Varalakshmi, Assistant Professor for II year CSE students at St.Anne’s College of Engineering and Technology on 28<sup>th</sup> December 2017.



Core Java

- The Workshop on “PHP” handled by Mrs. M.Senthamarai Selvi, HOD & Associate Professor & Mrs.K.Poornambigai, Assistant Professor for III year CSE students at St.Anne’s College of Engineering and Technology on 30<sup>th</sup> December 2017.
- Guest lecture was conducted as a one day program on “Strategy planning on successful goals” given by Dr. R. Arokiadass, Principal, St.Anne’s CET for IV year CSE students on 9<sup>th</sup> February 2018.



PHP



Strategy planning on Successful Goals

- One day Seminar was conducted on “Awareness of Placement” given by Mr.S.Jerald Nirmal Kumar, Associate professor for IV year CSE students at St.Anne’s College of Engineering and Technology on 22<sup>nd</sup> February 2018.
- The workshop on “PYTHON 3.2” handled by Mr.S.Manavalan, Associate Professor and Mr. S. Rajarajan, Assistant Professor for IV year CSE students at St.Anne’s College of Engineering and Technology on 15<sup>th</sup> March 2018.



PYTHON 3.2

## Students Achievements

- Ms.W.Monica and Ms. K.Sonabharathi of IV year presented a paper titled “Transient Solution of an M/M/1Retrial Queue with Reneging from Orbit” in National Conference on Mathematical Techniques and Applications (NCMTA 2018) at SRM Institute of Science and Technology, Chennai on 5<sup>th</sup> & 6<sup>th</sup> January 2018.
- Ms.A.Kalaiselvi, Ms.T.Priyanga, Ms.D.Anugraham, Ms.V. Sumitha, Ms.R.Asha, Ms.W.Monica and Ms.K.Sonabharathiof IV year participated in the National conference on “National Colloquium on Leadership for Disruptive World: Disruptive Innovation Technology” at St. Joseph’s Institute of Management, Tiruchirappal- lion 23<sup>rd</sup> & 24<sup>th</sup> January 2018.
- Mr.D.Logeshwaran, Ms.R.Leema Roseline, Ms.R.Nishanthi, Ms.S. Malarvizhi, Ms.M.Abina and Ms.Sarita Nayak of II year participated in the Workshop on “Hand’s on Web Development” at SIIT Technologies, Panruti on 04<sup>th</sup> February 2018.
- Ms.Y.Jenifer and Ms.S.Reshma of III year presented a paper titled “Artificial Agent Based Environmental Analyzing using WsN and IoT” in National Level Technical Symposium at J.K.K.Munirajah College of Technology, Erode on 16<sup>th</sup> February 2018.
- Mr.R.Prathap Miras of IV year won 1<sup>st</sup> prize and cash award for Skill Examination conducted by Indian Society for Technical Education associated with Training & Placement cell at St.Anne’s College of Engineering and Technology, Panruti on 26<sup>th</sup> February 2018.
- Mr.M.Ajith, Mr.R.Prathap Miras and Mr.R.Manikandan of IV year presented a project titled “An Efficient Automated Attendance Management System Based on Facial Recognition using LBP” won the first prize and received the cash award of Rs.1000 at St.Anne’s College of Engineering and Technology, Panruti on 28<sup>th</sup> February 2018.
- Ms.S.Srimathi, Ms.A.Shamitha, Ms.A.Vinisha, Ms.M.Abina, Ms.B.Kabila, Ms.R.Arthi, Ms.V.Vijayadurga and Ms.M.Vindhiya of II year participated in the Workshop on “Cloud computing-AWS and Advanced Android Development” at University College of Engineering, Villupuram on 1<sup>st</sup> & 2<sup>nd</sup> March 2018.
- Ms.Y.Jenifer, Ms.M.Priyadharshini, Ms.N.Akila, Ms.J.Monisha and Ms.M.Dhanalakshmi of III year participated in the Workshop on “Cloud computing-AWS and Advanced Android Development” at University College of Engineering, Villupuram on 1<sup>st</sup> & 2<sup>nd</sup> March 2018.
- Ms.Y.Jenifer and Ms.J.Monisha of III year participated in the Technical Event on “Tech Event – Media Frenzy” conducted in National Level Technical Symposium (AGNIMITHRA) at University College of Engineering, Villupuram on 1<sup>st</sup> & 2<sup>nd</sup> March 2018.
- Ms.Y.Jenifer and Ms.M.Priyadharshini of III year presented a paper titled “An Agent Based Study of Environment from IoT” in National Level Technical Symposium (AGNIMITHRA) at University College of Engineering, Villupuram on 1<sup>st</sup> & 2<sup>nd</sup> March 2018.
- Ms.N.Akila and Ms.J.Monisha of III year presented a paper titled “An Android Based Home Automation System using Bluetooth and Voice command” in National Level Technical Symposium (AGNIMITHRA) at University College of Engineering, Villupuram on 1<sup>st</sup> & 2<sup>nd</sup> March 2018.



- Ms.M.Dhanalakshmi of III year participated in the Technical Event on “Tech Event – Code Wars” in National Level Technical Symposium (AGNIMITHRA) at University College of Engineering, Villupuram on 1<sup>st</sup> & 2<sup>nd</sup> March 2018.
- Ms.A.Vimala, Ms.A.Gunasundhari, Ms.K.Sonabharathi and Ms.R.Asha of IV year presented a paper titled “Representation of Graphical Description from Natural Language” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.R.Nishanthi and Ms.R.Leema Roseline of II year presented a paper titled “Augmentation of Network Security in Openflow Structure using Software” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.S.Manju, Ms.K.Anusuya, Ms.J.Jayasri and Ms.A.Yuvasri of IV year presented a paper titled “Android based Position Detection and Tracking System using GPS and GSM” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.W.Monica, Ms.H.Santhiya and Ms.D.Anugraham of IV year presented a paper titled “Secure Data Retrieval for Decentralized Delay Tolerant Military Network” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.S.Malarvizhi of II year presented a paper titled “Analysis of Catastrophic Feedback Queue with Balking and Renewing” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.Y.Jenifer of III year presented a paper titled “Human Activity Recognition by using Triliteration HMSA” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.M.Abina and Ms.S.Srimathi of II year presented a paper titled “Image Text Matching Tasks using Two Neural Networks” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.N.Hemalatha of III year presented a paper titled “Ant Based Routing and QoS Effective Data Collection for Mobile Wireless Sensor Network” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St.Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Ms.V.Sumitha, Ms.R.Sathiya and Ms.M.Nathiya of IV year presented a paper titled “Securing an Image using Arithmetic Coding and Hyper Chaotic Map” in National Conference on Research and Development in Science, Engineering and Technology (NCRDSET’18) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.

## MECHANICAL ENGINEERING

### Faculty attended Conferences/ Workshops / Seminars

- Dr. R. Arokiadass, Principal, Mr. D. Ommurugadhasan, Professor & HOD and Mr. U. Naveenkumar Assistant Professor presented a paper titled “Design for maximum utilization of substrate in catalytic conveyor” at the National Conference at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mrs. Annie John Associate Professor presented a paper titled “Green concrete from waste materials” at the National Conference at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr.R.Sasikumar Assistant Professor and Mr. K.Shanmuga Elango Associate Professor presented a paper titled “Investigation Characteristics of Diesel Engine fuelled by Non edible oil” at the National Conference at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr. P. Murugan Assistant Professor, Mr. U. Naveenkumar Assistant Professor, Mr. Jaya Kumar, Assistant Professor presented a paper titled “Performance Solar Cells using mercury Nano Tubes” at the National Conference at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Dr. R. Arokiadass, Principal, Mr. D. Ommurugadhasan, Professor & HOD, Mr. K. Saravanan, Associate Professor presented a paper titled “Stress and Vibration Analysis of Air Turbine Rotor for Titanium Alloy” at the National conference at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr. Jaya Kumar Assistant Professor and Mr. T. Elangovan Assistant Professor presented a paper titled “Design and Analysis of Composite Spur Gear” at the National Conference at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- Mr.K.Saravanan, Associate Professor /Mech, Mr.R.Jaya Kumar Assistant Professor /Mech and Mr.T.Elangovan Assistant Professor /Mech attended a Faculty development program on Heat and Mass Transfer from 18<sup>th</sup> to 24<sup>th</sup> June 2018 at University College of Engineering, Villupuram.

### Guest Lectures/Workshops/Seminars/Events conducted

- A motivational program was conducted by Mr. P. Murugan, Assistant Professor/ Mech on “Financial Management” at St. Anne’s College of Engineering and Technology on 23<sup>rd</sup> January 2018. Students gained much from this program.
- A motivational program was conducted by Mr. K. Shanmuga Elango, Associate Professor/Mech on “Job Opportunities in Foreign Countries” at St. Anne’s College of Engineering and Technology on 30<sup>th</sup> January 2018, which was very useful for the students.
- A motivational program was conducted by Mr. R. Sasikumar, Assistant Professor/Mech on “Recent Trends in Mechanical Engineering” at St. Anne’s College of Engineering and Technology on 6<sup>th</sup> February 2018. He explained the various biodiesel fuels presently available and yet to find out, through research, which can be used for automobiles.

- A motivational program was conducted by Mrs. Annie John Associate Professor/Mech on “Private Job Opportunities in India” at St. Anne’s College of Engineering and Technology on 13<sup>th</sup> February 2018. She explained about various reputed companies and how to obtain job opportunities through various agencies.
- A workshop was conducted by Mechanical Engineering Students Association (MESA) on “Fire and Safety program” at St. Anne’s College of Engineering and Technology on 14<sup>th</sup> February 2018 through a firm from Cuddalore.



**Fire and Safety Program**

- A motivational program was conducted by Mr.T.Elangovan Assistant Professor/Mech on “Higher Studies “at St. Anne’s College of Engineering and Technology on 20<sup>th</sup> February 2018. The program was very useful for the students, as they understood the need and approach to various institutions.
- A motivational program was conducted by Sr. Josephine Mary, Assistant Professor/Mech on “Hands on Training of CAD“ at St. Anne’s College of Engineering and Technology on 27<sup>th</sup> February 2018. She explained the application of CAD in Industries.
- A motivational program was conducted by Mr.S.Balabaskar, Associate Professor/ECE on “Life Challenges “at St. Anne’s College of Engineering and Technology on 6<sup>th</sup> March 2018. He explained in detail how to tackle upcoming challenges.
- A motivational program was conducted by Mr.A.Richard Pravin, Associate Professor/EEE on “Interview Skills“at St. Anne’s College of Engineering and Technology on 13<sup>th</sup> March 2018. How to present oneself in an interview is the main objective of the program.
- A workshop was conducted by Mr.Sivaperumal, Sai NDT, Pondicherry, on “Non Destructive Testing” for IV year mechanical students at St. Anne’s College of Engineering and Technology on 15<sup>th</sup> March 2018.
- Farewell for final years was celebrated on 10<sup>th</sup> April 2018, in which our Principal Dr. R.Arokiadass presided over the function. Mr.K.Saravanan Associate Professor /Mech welcomed the gathering and Mr.D.Ommurugadhasan Prof &HOD, delivered the felicitation address.



**Farewell**

- A motivational program was conducted by Mr.K.Saravanan, Associate Professor/Mech on “Scope of Entrepreneurship” at St. Anne’s College of Engineering and Technology on 20<sup>th</sup> March 2018. He motivated the students to become entrepreneurs.
- A motivational program was conducted by Mr.U.Naveenkumar, Assistant Professor/Mech on “Public Sector Opportunities in India “at St. Anne’s College of Engineering and Technology on 27<sup>th</sup> March 2018. He explained the need of improving knowledge for highly competitive government exams.

### Students Achievements

- A.Anisha Christy, A. Athidan,S.Imran Arif, R. Mukilvannan , J. Jeffry, S.Sivasankar of IV year participated in In-plant Training on “CNC Programming Turning ” at Advanced Training Institute, Chennai (ISO 29990-2010 certified) on 18<sup>th</sup> to 22<sup>nd</sup> December 2017.
- V.Sabarathinam and S.Subash of IV year mechanical engineering participated in Science Expo-2018 at E.S.Engineering College on 6<sup>th</sup> March 2018 and won First prize.
- R.Dinesh Krishnan an L.Vijay of IV year mechanical engineering participated in Science Expo-2018 (Kinematic walker) at E.S.Engineering College on 6<sup>th</sup> March 2018.
- Anne Evanglin and Anisha Christy. A of IV year mechanical engineering participated in a two days workshop on “Disruptive Innovation Technology” at St. Joseph’s Institute of Management (JIM), Tiruchirappalli on 23<sup>rd</sup> to 24<sup>th</sup> January 2018.
- Anisha Christy. A of IV year mechanical engineering participated in a one day workshop on “Autoinvente” at College of Engineering, Guindy on 25<sup>th</sup> January 2018.
- Anisha Christy. A of IV year mechanical engineering participated in a one day workshop on “Mercedes Benz Autotronics,Harley Davidson Technology and Dismantling & Assembling of IC engines” at College of Engineering, Guindy on 25<sup>th</sup> January 2018.
- Sujin.A of III year mechanical engineering participated in a two days workshop on “Selection of materials for Engineering Applications Science and Technology - Agnimithra” at University College Villupuram on 1<sup>st</sup> and 2<sup>nd</sup> March 2018.
- Sujin.A of III year mechanical engineering participated in a two days workshop on “Composite materials and its application In Wind Turbine Generators, Agnimithra” at University College Villupuram on 1<sup>st</sup> and 2<sup>nd</sup> March 2018.
- S.Sankar,V.Selvakumar,T.Selvamai,S.Sundaramoorthy of IV year mechanical engineering presented a paper titled “Study of wear behavior of Epoxy/ nanoclay particles” at the National Conference held on 23<sup>rd</sup> March 2018 at St.Anne’s College Of Engineering and Technology.
- Habi Jacob, J.Sarjan Fernando, V.Mathivannan, R.Rajalinga prabhu of final year mechanical students presented a paper titled “Investigation of wear behavior of Epoxy/HNT composites” at the National Conference held on 23<sup>rd</sup> March 2018 at St. Anne’s College of Engineering and Technology.

## SCIENCE AND HUMANITIES

## Faculty attended Conferences/ Workshops / Seminars

- Dr. A. John peter, Prof./Physics published a paper titled “Synthesis and luminescence properties of Ca Gd<sub>2</sub>(MoO<sub>4</sub>)<sub>4</sub>:Ln<sup>3+</sup> (Ln = Eu<sup>3+</sup>, Tb<sup>3+</sup>, Dy<sup>3+</sup> and Sm<sup>3+</sup>) phosphors” in “Journal of Luminescence”, Vol.199,Issue.1, pp 53-59,2018. I.F-2.65 [Scopus Indexed]
- Dr. A. John peter, Prof./Physics published a paper titled “Sol-gel synthesis and luminescence properties of CaGd<sub>2</sub>(MoO<sub>4</sub>)<sub>4</sub>:Pr<sup>3+</sup> phosphors with white LED applications” in “Journal of Materials Science: Materials in Electronics”, Vol.29,Issue. 10,pp8504-8511, 2018. I.F-2.04 [Scopus Indexed]
- Ms. M. Elakkiya, Asst. Prof./Maths published a paper titled “Multi-Criteria Decision Making in a Dual Hesitant Fuzzy Set using VIKOR in Commercial Fishery” in the International Journal “International Journal for Scientific Research & Development”, Vol. 6(2), 1668-1671, 2018.
- Dr. G. Gurumoorthy, Asso. Prof./Chemistry published a paper titled “Synthesis and characterization of copper(II) dithiocarbamate complexes involving pyrrole and ferrocenyl moieties and their utility for sensing anions and preparation of copper sulfide and copper-iron sulfide nanoparticles” in “Applied Organometallic Chemistry”, Vol. 32(6),2018 DOI: 10.1002/aoc.4363. I.F-2.47 [Scopus Indexed]
- Mr. A. Harikrishnan, Asso. Prof./Physics presented a paper titled “Molecular docking study of kampferide” in National Conference on Research and Development in Science, Engineering and Technology at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.

## Guest Lectures/Workshops/Seminars/Events conducted

- A motivational program was conducted on “Goal Setting Techniques” for the first year students by Dr.A.John Peter, Professor, Department of Science and Humanities, at St. Anne’s College of Engineering and Technology on 3<sup>rd</sup> Febraury 2018.
- Science and Humanities Engineering Students Association [SHESA] organized “In House” seminar on “Self Motivational Trigger for Budding Engineers” by Mr. D.Ommurugadhasan, Professor and Head, Department of Mechanical Engineering on 22.02.18 .
- Department of Science and Humanities in association with Research and Development Cell organized “NATIONAL SCIENCE AND RESEARCH DAY- 2018” on 28<sup>th</sup> February 2018.



- A Motivational Program was arranged for the I Year students on the topic “The Mindset of Engineering Students at the End of First Year Course” by is Dr.A.John peter, Professor & HOD, Dept. of Science and Humanities on 24<sup>th</sup> April 2018.

• A seminar on titled “Applications of Differential Equation and Laplace Transform” is presented by Dr. A.Azhagappan, Professor/Maths, a seminar on titled “A Study on Complex Plane” is presented by Mr. N. Syed Mubarak, Asso. Prof./ Maths and Motivational speech entitled on “Introduction to Competitive Exams (GATE)” is presented by Dr.A.John peter, Professor & HOD, Dept. of Science and Humanities through Srinuvasa Ramanujam Club Activity on 10<sup>th</sup> April 2018.



## Students Achievements

- Mr. Anandh and Mr. Punniyakodi of I year ECE, Mr. Selvakumar, Mr. Kiridharan and Mr. P. Praveen kumar of I year EEE, Mr. Thirumalvalan of I year CSE, Mr. Kumaran, Mr. K. Venkatesh and Mr. Pugazh of I year MECH attended one day workshop on “Photovoltaics Fundamentals, Device Characterization, Simulation and Emerging Concepts” at Department of Physics, Indian Institute of Technology (IIT), Madras on 10<sup>th</sup> March 2018.
- Mr. D. Kaviyaran, Mr. R. Sivaprakash and Mr. V. Pugazhenth of I year Mech presented paper titled “Special and Structural Studies on Nickel (II) Dithiocarbamate Complexes and their Utility for Sensing Anions” in National Conference (NCRDSET) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. S. Deepak Kumar, Mr. G. Jayasurya, Mr. A. Raja sekar, Mr. E. Ajith I year Mech presented paper titled “Synthesis and Characterization of Copper Sulfide and Copper – Iron Sulfide Nanoparticles” in National Conference (NCRDSET) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. A. Amstrom I year Mech presented paper titled “Synthesis and Characterization of Cobalt Sulfide and Cobalt – Iron Sulfide Nanoparticles” in National Conference (NCRDSET) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.
- Mr. K. Venkatesh I year Mech presented paper titled “Li-Fi Technology” in National Conference (NCRDSET) at St. Anne’s College of Engineering and Technology, Panruti on 23<sup>rd</sup> March 2018.

## Industrial visits

- One Day Industrial Visit was arranged for the first year students to “Neyveli Lignite Corporation Limited” and Mine I on 28.03.2018.



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## Final year students Placed in 2018



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