



ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY



VOLUME-I ISSUE-I

NEWS EPISTLE

JAN - DEC 2014



SECRETARY DESK



The threshold of St. Anne's Engineering College was in the year 2009, where St. Anne's Congregation is the matriarchy of the Institution. It was inscribed by zealous faculty members with might and main to educate with caliber of love and encouragement for budding Engineers. Now it has grown up as a beautiful tree bearing fruits of Engineers with new technology and broad spectrum. It is blissful to say that good rank holders have given a good reputation and esteem to the college. I am happy to introduce this newsletter episode, which will elate the advancement of the college, which will give nourishment to the Engineers and faculty members. I applaud all the faculty members and the leader of this establishment for their labour of love.

May the blessing of our God bestow upon you all.

Best Wishes,

Rev. Mother Victoria, S.A.T

PRINCIPAL DESK



It is my great pleasure to release the first issue of the St. Anne's News epistle. The News epistle will serve as an interface between the Institute and outside world. It provides information about the academic activities organized in the Institute. Information about co-curricular activities held during recent past is also shared.

I am happy to say that various activities are taken by the faculty to disseminate knowledge by organizing conferences, seminars, training programs, workshops and industrial visits. Expert veteran lectures are invited to conduct various programs by all departments time to time to focus the latest developments in the field of science and technology.

The faculties are highly motivated and competent. The institute includes 39 M.E./M.Tech. degree holders in teaching staff. Other 9 faculty members are working for their Ph.D degrees. Every department is enriched with Professors, Associate Professors and Assistant Professors having experience in teaching, research and industry.

Best Wishes,

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

YOUR COLLEGE!!!

YOUR FUTURE!!!

BUILD YOUR CAREER!!!

Dear Readers,

In the heyday of Technology, the Editorial board likes to instigate the Kith and Kins of Engineers and faculty members by this News Epistle. We like to introduce this episode with New innovation each and every year which will ruminate the hearts of all Engineers and we take this opportunity to express our heart felt gratitude to all members who worked diligently for the content of this news epistle.

Anna University Rank Holders - April 2014



K. Bhagyalakshmi
ECE



K. Divya
CSE



A. Micheal Arokia Raj
MECH



M. Ramalakshmi
CSE

Graduation Day @ St. Anne's

Graduation day is a Golden memory in the heart of an Engineer. Our 1st Graduation day in St. Anne's garden was held on 22nd March 2014. Dr. T. V. Christy, Director, School of Mechanical Science, Karunya University, Coimbatore, and all the former principals were invited to award the graduates. It was an incredible ceremony in the history of St. Anne's. University Rank Holders and College Rank Holders were bestowed with fabulous cash prizes.





Tamil Debate on Republic day



Farewell Day celebration



St. Anne's Feast



Independence Day Celebration



"CELEBRATING LIFE" by Red Ribbon Club



Teacher's Day Celebration



First Year Inauguration



Personality development programme

SPORTS ACTIVITIES



Zone V Achievements

1. In Table Tennis Men our college secured the Second place.
2. In Badminton our college bagged the fourth place.
3. Our college students participated in Football, Cricket, Chess, Kabaddi, and Volleyball.

TIES 2014 Achievements

1. Our students participated in the Ties'14 at Namakkal in various games.
2. In TIES'14 - secured the 5th place in chess for women category.

COMPUTER SCIENCE AND ENGINEERING

FROM H.O.D'S DESK....

**Mrs. D. PAULINE FREEDA, M.E.,**

Designation: Assistant Professor & Head

Specialization: Network Security

Email Id: paulinefreeda@gmail.com

Phone: 9095131990.

The Department of CSE got its reputation in the year 2009 and has made rapid strides with an intake of 60 students. The department has competent, committed and well-qualified faculty members and it has well equipped laboratories. The aim of the department is to provide high quality education and training to the students with all new advancements in the computer field. The department also takes initiative to improve the soft skills, analytical capabilities and verbal communication of the students.

This news epistle highlights many wonderful achievements that have brought laurels to the department by both students and staff in the year 2014. It is my pleasure to congratulate everyone who have made this news epistle possible.

Faculty attended conferences/ Workshops / Seminars

- Mr. X. Martin Lourdu Raj Asst. Prof attended a workshop on "HADOOP" at Anna University, MIT campus on 14.03.2014.
- Mr. X. Martin Lourdu Raj Asst. Prof attended a seminar on "Design for today's devices" at IIT Madras on 16.03.2014.
- Mrs. Z. Asmathunnisha Asst. Prof attended a Faculty development program on "Mobile and Pervasive Computing" at University College of Engineering, Panruti from 13.06.2014 to 19.06.2014.
- Mrs. M.Senthamarai Selvi Asst. Prof, Mrs. P. Meena Asst. Prof, Mrs. K. Poornambigai Asst. Prof, Mr. S. Manavalan Asst. Prof, Mr. D. Varadharajan Asst.Prof attended workshop on "Intelligence Methodologies in Electrical Engineering" at St. Anne's CET.

Guest Lectures/Workshops/Seminars/Events conducted



Inaugural of "COSTA" 2014-15



Guest Lecture on "HADOOP"

- ISTE Student chapter conducted a programme for CSE department students, Dr. Suresh Kumar, Dean, University College of Engineering, Panruti, delivered a Special address about Research and importance of Technical Education at St. Anne's College of Engineering and Technology on 28.02.14.

• Department of Computer Science association (COSTA) conducted a Guest Lecture on "SOFTWARE SECURITY" on 13th March 2014". Mr.R.Senthil Kumar, Asst Prof (SG), VIT University was the Resource person.

• Inaugural function of "COSTA" 2014-2015 was Inaugurated by Mr.V.Ramachandran, System Architect, Ericson, Chennai on 14th August 2014.

• Department of Computer Science and Engineering, conducted a Guest Lecture on "HADOOP" on 14th August 2014". Mr. V. Ramachandran, System Architect, Ericson, Chennai was the Resource person.

• Mr. S. Jerald Nirmal Kumar Asst. Prof/CSE had delivered a Seminar on "Video Enhancement Techniques" at St.Anne's College of Engineering & Technology on 27.08.2014.



"Inter Level Student Convention-Paper Presentation"

• Department of Computer Science and Engineering conducted a "Inter Level Student Convention -Paper Presentation" at St.Anne's College of Engineering & Technology on 06.09.2014

• Personality Development program for GD and MI for Final year CSE student was conducted by Prof. GOPAL from Thiagarajar School of Management, Madurai at St.Anne's College of Engineering and Technology on 11.09.14.

• Department of Computer Science and Engineering conducted a "Inter Level Student Convention – Code Debugging" at St.Anne's College of Engineering & Technology on 12.09.2014.



"Personality Development Program - Group Discussion"



"Inter Level Student Convention- Code Debugging"

Industrial visits



"BSNL" Chennai



"Nuclear Power Plant" Kudankulam

• Second year CSE students with the faculty Mr.S.Manavalan Asst. Prof and K.Poornambigai Asst.Prof. went on an industrial visit to "BSNL" Chennai on 2nd Sep 2014.

• Final year CSE students went on an Industrial visit to "Nuclear Power Plant" Kudankulam on 18th Sep 2014 with faculty members Mr. S. Jerald Nirmal Kumar Asst. Prof, Mr. X. Martin Lourdu Raj Asst. Prof, Sr. Avila Therese Asst.Prof. and Mrs.Z. Asmathunnisha Asst. Prof

Students Achievements

- Mr. L. Vincent Antony Raj of Final year CSE Participated in a Workshop on "Ethical Hacking" at MIT Chennai on 15.02.14.

- Ms. A. M. Devipriya of Final year CSE Participated in a Two days Workshop on “Ethical Hacking & Cyber Forensic” at Pondicherry Engineering College from 13.02.2014 to 14.02.14.
- Ms. S. Jona Jenifer and Ms. A. Sindhuja from III Year CSE Participated in a Debate Competition on Tamil Mandram At Erode on 21.07.14.
- Ms. A. M. Devipriya and P. Revathy of IV CSE participated in a project expo on “Electricity in Distillation” at KCG Engineering College, Chennai on 24.07.2014 & 25.07.2014.
- T. Jothi Vijila, R. Santhiya, S. Dhanalakshmi, S. Saritha, S. Sathiya from Final year CSE –attended a seminar on “Science And Technology Capacity Building For Industrial Needs” at University college of Engineering from 23.07.2014 to 25.07.2014.
- M. Thirumurugan, A. Manivannan, B. Muthambigai, A. Kalaiselvi, A. M. DeviPriya from IV CSE- attended a seminar on “Science And Technology Capacity Building For Industrial Needs” at University College of Engineering from 06.08.2014 to 08.08.2014.
- T. Jothi Vijila from Final year CSE and A.Sindhuja from III year CSE participated in a “Chess Tournament” at University College of Engineering, Villupuram on 20.08.2014.
- M. Umamaheshwari of III Year CSE Participated in a National workshop on “Android development-NWAD’2014” at Pondicherry University on 05.10.2014.
- Ms. T. Jothi Vijila of Final year CSE presented a paper on “Brain control car for disabled using Artificial Intelligence” and won the 1st Prize in a “Inter Level Student Convention ” at St.Anne’s College of Engineering & Technology on 06.09.2014
- Ms. A. M. Devi priya of Final year CSE presented a paper on “Li-Fi Technology” and won the II Prize in a “Inter Level Student Convention” at St.Anne’s College of Engineering & Technology on 06.09.2014 .
- Ms. S. Dhanalakshmi of Final year CSE presented a paper on “3D Password” and won the II Prize in a “Inter Level Student Convention” at St.Anne’s College of Engineering & Technology on 06.09.2014 .
- Ms. S. Jona Jenifer of III year CSE presented a paper on “Wi-Max Technology” and won the III Prize in a “Inter Level Student Convention ” at St.Anne’s College of Engineering & Technology on 06.09.2014 .
- Ms. A. Kalaiselvi of Final year CSE won the 1st Prize in a “Inter Level Student Convention –Code Debugging ” at St.Anne’s College of Engineering & Technology on 12.09.2014.
- Ms. S. Dhanalakshmi, Ms. S. Sathya of Final year CSE and Ms. K. Subashini of IIIrd year CSE Won the II Prize in a “Inter Level Student Convention –Code Debugging ” at St.Anne’s College of Engineering & Technology on 12.09.2014.
- Mr. E. Elambharathi of Final year CSE and Mr. Rajendran Rajpriyan of IInd year CSE Won the III Prize in a “Inter Level Student Convention –Code Debugging ” at St.Anne’s College of Engineering & Technology on 12.09.2014.

Department Toppers



K.Divya
Batch(2010-14)



S.Dhanalakshmi
Batch(2011-15)



A.Sindhuja
(Batch-2012-16)



D.Rani
Batch(2013-17)

MECHANICAL ENGINEERING

FROM H.O.D'S DESK....

Mr.D.OMMURUGADHASAN, M.E., (PhD)

Designation: Associate Professor & Head

Specialization: Engineering Design,

Composite materials & welding Technology

Email Id: ommurugadhasan@gmail.com

Phone: 9865762965



The Department of Mechanical Engineering was recognized in the academic year 2009. From the inception, the department enhances courageous environment for producing technologists through innovative teaching learning methodologies. The department has well-experienced and qualified teaching faculties, having specialization in Manufacturing Engineering, Product Design and Development, Energy Technology and Thermal Engineering. The faculty members are pursuing their research work in the reputed universities of the nation and presenting their findings in various conferences.

Our Department has well equipped laboratories for academic, self learning and research work. The department has Mechanical Engineer's students Association (MESA) and conducts career development programmes to expose their hidden technical skills. The students are motivated to participate in various inter-collegiate events and conferences to present their academic projects and inventions.

The students are motivated for advanced higher studies and research work through various guest lecturers, workshops, seminars, symposia, career guidance programme etc., being conducted in a scheduled manner. Industrial visits and industry sponsored projects are also made mandatory to gain industry related exposure in real time challenges.

Faculty attended conferences/ Workshops / Seminars

- Sr. G. Gnana Jency Salet Mary, Asst.Prof, & Vice Principal attended 2 days Technical Seminar on “Recent Trends in Pattern Recognition and Machine Learning Techniques” at Mepco Schlenk Engineering College, Sivakasi on 19th to 20th September 2014.
- Mr. D. Ommurugadhasan, Asso. Prof & Head., attended a workshop on “Green Ambassador Training” at Dr. S.J.S Paul Memorial college of Engineering and Technology, Puducherry on 26.04.2014.
- Mr. R. Sasikumar Asst. Prof. attended a workshop on “Green Ambassador Training” at Dr.S.J.S Paul Memorial college of Engineering and Technology, Puducherry on 26.04.2014.
- Mr. R. Sasikumar Asst. Prof. attended an ISTE National level workshop on “Intelligent methodologies in electrical engineering” at ST.ANNE’S College of Engineering and Technology, Panruti on 19th & 20th Sep 2014.
- Mr. K. Shanmuga elango Asst. Prof. attended a workshop on “Green Ambassador Training” at Dr.S.J.S Paul Memorial college of Engineering and Technology, Puducherry on 26.04.2014.
- Mr. R. Rajesh kumar Asst. Prof., attended a ISTE National level workshop on “Intelligent methodologies in electrical engineering” at ST.ANNE’S College of Engineering and Technology, Panruti on 19th & 20th sep 2014.

- Mr. K. Saravanan. Asst. Prof. attended one day workshop on “Green Ambassador Training” at Dr.S.J.S Paul Memorial college of Engineering and Technology, Puducherry on 26.04.2014.
- Mr. D. Ommurugadhasan. Asso. Prof & Head., attended (10days) TEQIP II. Sponsored Faculty Development Program on Mathematical modeling Analysis and optimization of Mechanical systems (MAOMS) at Anna University (Bharathidasan institute of Technology) Tiruchirappalli.
- Mr. C. Ravimiras. Prof. attended one day workshop on “Nuclear Energy” at Aravindar College of Engineering and Technology, Pondicherry.
- Mr. R. Lakshmipathi., Asst. Prof., attended 2 weeks ISTE Sponsored Workshop on “Engineering Thermodynamics” at IIT Bombay.
- Mr. P. Murugan., Asst. Prof., attended a National Seminar on “Recent Research Development in Mechanical Engineering” at CK college of Engineering and Technology, Cuddalore.
- Mr. N. Neelavannan. Asst. Prof. attended one day workshop on “Nuclear Energy” at Aravindar College of Engineering and Technology, Pondicherry.
- Mrs. Annie John Asst. Prof. attended a National Conference on “Fly ash based heat cured geo polymer concrete” at Anna University, Tiruchirappalli.
- Mr. K. Saravanan. Asst. Prof., attended (10 days) TEQIP II. Sponsored Faculty Development Program on Mathematical modeling Analysis and optimization of Mechanical systems (MAOMS) at Anna University (Bharathidasan institute of Technology) Tiruchirappalli.
- Mr. N. Neelavannan. Asst. Prof., attended on “Comprehensive Training Programme on CNC Turning CNC Milling” at MTAB Equipment Chennai.

Guest Lectures/Workshops/Seminars/Events conducted

- Annual inauguration of Mechanical students Association [MESA] was held on 06/09/2014. Dr. K. Palaniradja. M.Tech., PhD., Professor, Department of Mechanical Engineering Pondicherry Engineering College was the chief guest and his lecture was on encouraging “Higher studies and carrier development”.



Inauguration of Mechanical students Association-2014

Industrial visits



Nuclear Power Plant- Kudankulam



Jeppiar Steel and furnace Pvt.Ltd

- Final year Mechanical students visited kudankulam Nuclear Power plant on 2nd and 3rd September 2014 along with the staff members Mr. C. Ravimiras, Mr. N. Neelavannan and Mr. L. Rangarajan.
- IIIrd year Mechanical students visited Jeppiar Steel and furnace Pvt.Ltd and Jeppiar water plant Pvt.Ltd. in Chennai on 12th September 2014 along with the staff members Mr. R. Sasikumar, Mr. K. Saravanan and Mr. P. Muthukumar.
- IInd year Mechanical students visited Jeppiar Steel and furnace Pvt.Ltd and Jeppiar water plant Pvt.Ltd. in Chennai on 20th September 2014 along with the staff members Mr. K. Shanmuga Elango, Mr. P. Murugan and Mr. P. Kalaiselvan.

Students Achievements

- The following final year students participated in the state level symposium for the event ROBOTICS in Madras Institute of Technology (MIT) campus, Anna University at Chennai held on 6th and 7th August 2014 and won the 1st and 2nd Places.
1st Place Mr. A. Pradeep and Mr. P. Jenis Wilson
2nd Place Mr. G. Thanakrishnan, Mr. P. Vignesh and Mr. A. Arulselvan.
- Mr. A. Pradeep final year student has participated in the state level symposium for the event Wall-E at SRM University, Chennai held on 29th September 2014.
- Mr. K. Sundarapandian, Mr. P. Sudheer of the final year students got 2nd place in the State level symposium for paper presentation on the topic of “Fuel cells and its applications” in Sri Krishna college of Engineering and technology, Puducherry on 19th September 2014.
- Mr. A. Pradeep, Mr. P. Jenis Wilson, Mr. A. Arul Selvam, Mr. K. Sundhara Pandian, Mr. G. Thanakrishnan and Mr. P. Vignesh of the final year students participated in the State level symposium for the event Line Tracer in S.A Engineering College Chennai held on 12-Aug-2014.
- Mr. V. Muruga Doss, Mr. Ilaya Raja of the IIIrd year students participated in the state level symposium and presented a Paper (Quazi Turbine) in Arunai Engineering College, at Thiruvannamalai on February 2014.
- Mr. V. Muruga Doss and Mr. R. Velmurugan of the IIIrd year students presented a paper in the state level symposium (Quazi Turbine) in V.R.S Engineering College, at Arasur on May 2014.
- Mr. V. Muruga Doss and Mr. T. Sinto of the IIIrd year students participated in the state level symposium and presented a Paper (Cryogenic Engine of Rocket) in IFET Engineering College, at Kangarampalayam on May 2014.

Department Toppers



Mr. Micheal Arockia Raj
Batch (2010-14)



R. Bharathi Thasan
Batch (2011-15)



R. Punitha Raj
Batch (2012-16)



Sr. Layoni Margrat
Batch (2013-17)

ELECTRICAL AND ELECTRONICS ENGINEERING

FROM H.O.D.'S DESK....

Mr. A. RICHARD PRAVIN M.E., MBA., (Ph.D)

Designation: Associate Professor & Head

Specialization: Energy Engineering

Email Id: a.richardpravin@gmail.com

Phone: 9840230677



Welcome and best wishes for all the Staffs and Students of the department who receive this News Letter. It has been interesting and busy year for the members of the department and has had a number of Successful events including Guest Lecture, Workshop and Symposium. I invite all the readers of this news letter to share this with your friends and contribute more items for the upcoming News Letter.

Faculty attended conferences/ Workshops / Seminars

- Mr. A. Richard Pravin and Mr. V. C. Eugin Martin Raj published a paper "Energy Efficient Lighting System using Distributed Intelligence for Controller Area Network (CAN)" in Middle East Journal of Scientific.
- Mr. K. Sriram, Mr. J. Ramesh, and Ms. R. Sivasankari, published a paper titled "Static Synchronous Series Compensator and Static Var Compensator Interaction on Voltage Stability Limit Enhancement and Active Power Minimization Through Differential Evolution Algorithm", in the Journal Scientific Research and Essays.
- Mr. K. Sriram, Assistant professor Published a paper titled "Application of Firefly Algorithm in Voltage Stability Environment Incorporating Circuit Element Model of SSSC with Variable Susceptance Model of SVC" in a Journal Hindawi Publications in April 2014.
- Mrs. S. Lese, Assistant professor has published a paper titled "Design of Particle Swarm Optimization Based PI Controller for an Isolated Wind-Diesel Hybrid Power System with Superconducting Magnetic Energy Storage Unit" in IOSR Journal of Engineering.
- Sr. Annai Theresa, Lecturer had participated in the CSIR sponsored two days national level workshop on "Smart Energy Generation and Sustainable Energy Efficiency – Planning, Implementation and Research Priorities" at Coimbatore Institute of Technology, Coimbatore.
- Mr. J. Ramesh, Assistant professor had Attended Workshop on "Research opportunities in VLSI and Applied Electronics" organized by SSN Engineering college, Chennai.
- Mr. V. Balaji, Assistant Professoer had participated in Faculty Development Training Programme on Power System Operation and Control at VRS college of Engineering and Technology.
- All the staff members of EEE department participated in the ISTE sponsored National Level Workshop on "Intelligent Methodologies in Electrical Engineering" organized by Sr. Annai Theresa held on 19th and 20th of September 2014 at St. Anne's CET.
- Ms. R. Sivasankari, Assistant Professor and Mr. K. Sriram, Assistant Professor had participated in Faculty Development Programme on "Scope of Research for Power Engineers" at A.V.C.College of Engineering during 21st and 22nd November 2014.

- Mr. A. Richard Pravin and Mrs. S. Lese has Participated in Faculty development programme on "Design of Eletrical Machine" at C.K College Engineering and Technolgy from 4th to 10th Dec 2014.

Guest Lectures/Workshops/Seminars/Events conducted

- A Second National Level Technical Symposium SCHALTZ'14 was conducted by Power Engineers Technical Society on 15th March. Mr. M. R. Sakthivel M.E., Chief Manager, Power Station Training Centre, Neyveli Lignite Coroporation, Neyveli inaugurated and delivered the special address. Rev. Sr. Xavier Maria Thangam, Secretary, St. Anne's CET, Presided over the function and Dr. R. Arokiadass, Ph.D Principal, St. Anne's CET felicitated the function



A Second National Level Technical Symposium SCHALTZ'14



- Mr. K. Sriram, Assistant Professor took a Staff Seminar on "LATEX DOCUMENTATION" on 19th July 2014.
- In ISTE sponsored National Level Workshop on "Intelligent Methodologies in Electrical Engineering Applications" on 19th and 20th September 2014. Dr. M. Sudhakaran, Assistant Professor, Pondicherry Engineering College inaugurated and delivered the inaugural address, Rev. Sr. Victoria, Secretary, St. Anne's CET, Presided over the function and Dr. R. Arokiadass, Ph.D Principal, St. Anne's CET felicitated the function. More than 30 faculties from various engineering colleges participated in these two days intensive workshop.

Staff Seminar -
"LATEX DOCUMENTATION""Intelligent Methodologies in
Electrical Engineering Applications"

Students Achievements

- Joseph Sebastian, IV year has been awarded the BEST STUDENT award by ISTE for the year 2014 at ERODE SEGUNTHAR Engineering College.
- Joseph Sebastian, R. Amaran, N. Hemachander, B. Siva, K. Vimal Raj and V. Palani, IV year went for an In plant training at Electricity distribution circle, cuddalore from 30.06.14 to 04.07.14
- Joseph Sebastian, R. Amaran, N. Hemachander, V. Palani, Manikandan, Vinoth, L. Karthick, Anand Raj and Ananth, IV year attended workshop on Robotics at Pondicherry College of Engineering from 05.08.14 to 06.08.14
- Joseph Sebastian, IV year Participated in WALLE at SRM University from 10.09.14 to 13.09.14.

- Joseph Sebastian, IV year won first prize in circuit debugging at Dr. Navalur Nedunchezhiyan college of engineering held on 15.02.14.
- Joseph Sebastian, V.Palani, L.Karthick and K.Veeramani, IV year participated in paper presentation at Dr. NNCE on 15.02.14.
- Joseph Sebastian and R.Amaran, IV year won first prize in paper presentation and second prize in technical quiz at Sri Ganesh college of engineering on 08.09.14.
- Manavalan, V.Siva, Anand Raj and L.Karthick, IV year attended workshop on features of labview at SNS college, Coimbatore.
- S.Gopichandran and V.Siva, IV year had participated in paper presentation at SAMS Engineering College, Chennai.
- D.Rajadurai, K.Gopalakrishnan, E.Aravinth, K.Kalimuthu, P.Chandrasekaran, Alice Albert, III Year attended a National level technical seminar titled "Intelligent System Application to Power Engineering" on 18th September 2014 at University College of Engineering and Technology, Panruti.
- D.Rajadurai, S.Vignesh, K.Gopalakrishnan, R.Balamurugan, and S.Sowmiya, III Year had attended one day National workshop on "Recent Trends in Power System" on 6th September 2014 at Annai Teresa College of Engineering.
- S.Sowmiya, A.Srikanth, Saran Singh and D.Alice Albert from III Year had participated in paper presentation in National Level Technical Symposium on 28.08.14.
- S.Sathish, E. Aravinth and D. Alice Albert, III Year had attended a two days national workshop on "Robotics control using Arduino Embedded core" on 5th and 6th September 2014 at Pondicherry College of Engineering.
- R.Raj Kumar and S.Sathish, III Year had participated in paper presentation in National Level Technical Symposium at Sri Ganesh College of Engineering and Technology on 8th May 2014.
- M.Sampath Raj, Parthiban and Albert Martin, II Year had attended a two days national workshop on "Robotics control using Arduino Embedded core" on 5th and 6th September 2014 at Pondicherry College of Engineering.
- R.Raj Kumar, Parthiban, Madhan Raj and Praveen Raj, II Year attended a national level technical seminar titled "Intelligent System Application to Power Engineering" on 18th September 2014 at University College of Engineering and Technology, Panruti.
- R.Raj Kumar and Praveen Raj, II year has participated in short film contest held at Mahendra Engineering College on 04.09.14.

Department Toppers



T. Shanmuga Priya
Batch(2010-14)



L. Karthick
Batch(2011-15)



R. Giritha
Batch(2012-16)



G. Gnanasundari
Batch(2013-17)

ELECTRONICS AND COMMUNICATION ENGINEERING

FROM H.O.D'S DESK....

Sr. ANITA, M.Tech.,

Designation: Assistant Professor & Head

Specialization: Embedded System

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Phone: 9787931123



Electronics and Communication Engineering Department flourished in the year 2009. ECE Department is functioning with highly qualified and experienced staffs. The Department has good Infrastructure and all facilities for students to pursue their studies. The Department has well equipped laboratories. DSP, ESD, Communication, Microprocessor and Electronics laboratories are equipped with latest software and tool kits, Students are encouraged to do real time projects applicable to industries. There is a separate cell for placement activities with a placement coordinator. Electronics and Communication Engineering Department established in 2009. ECE Department is functioning with highly qualified and experienced staffs. The Department has good Infrastructure and all facilities for students to pursue their studies. The Department has well equipped laboratories. DSP, ESD, Communication, Microprocessor and Electronics laboratories are equipped with latest software and tool kits. Students are encouraged to do real time projects applicable to industries. There is a separate cell for placement activities with a placement coordinator.

Faculty attended conferences/ Workshops / Seminars

- Sr.Anita HOD/ECE has published an International journal on engineering research on data mining classification techniques applied for cancer disease. A case study using XL Miner.
- Sr.Anita HOD/ECE has attended an International Conference at Adhiparasakthi Engineering College on "e-control system based on Android Bluetooth chatting for Home application".
- Mrs. D. Umamaheshwari AP/ECE has attended two National Conferences on Topics "Traffic Light Control System" and a "Cost Function for Blind Equalization and Phase Recovery".
- Mrs. D. Umamaheshwari AP/ECE has attended two days workshop on "Embedded Systems using 8051" conducted by Googly Power Solutions, Indira Nagar.
- Mrs. M. Vaidehi AP/ECE has attended Faculty Development Programs on Fresh faculty orientation Program, Team Building, Quality Circle, Effective use of PowerPoint in classrooms and Developing a funded project
- Mr. R. Annamalai AP/ECE has attended an International Conference on "Green aware Optical Network" in Thiruvalluvar College of Engineering, Vandavasi.
- Ms. B. Mary Amala Jenni AP/ECE has attended an International Conference on Science and Innovative in Sri Venkateshwara College of Engineering, Chennai on the topic "Computationally efficient low complexity decoder architecture non binary LDPC codes".

- Mrs. M. Vaidehi AP/ECE has attended One day National Level Workshop on “Embedded System Applications” organized by ISTE in VRS College of Engineering and Technology.
- Mr. R. Annamalai AP/ECE has attended a National Conference on “Green aware Optical Network” in University College of Engineering, Panruti.
- Mr. S. Balabasker AP/ECE has attended two days workshop on “Embedded Systems using 8051” conducted by Googly Power Solutions, Indira Nagar.
- Mr. R. Radhakrishnan AP/ECE has attended International Conferences in Thiruvalluvar college of Engineering, Noorul Islam University and Aarupadai Veedu Institute of Technology.
- Mr. R. Radhakrishnan AP/ECE has attended a one week Faculty Development Programme in “Signals and Systems” conducted at Anna University, Coimbatore
- Ms. B. Mary Amala Jenni AP/ECE has attended two days workshop on “Embedded Systems using 8051” conducted by Googly Power Solutions, Indira Nagar.
- Mr. G. Mahendiran AP/ECE has attended an International Conference in Pava Engineering College, Salem on “Level set method for Intensity in homogeneity”.
- Mr. G. Muthukumaran AP/ECE has participated in one day workshop on “Equipment servicing and Handling”.

Guest Lectures/Workshops/Seminars/Events conducted

- Department of Electronics & communication Engineering & ECSA of St. Anne's College of Engineering & Technology conducted an Annual inauguration function of Electronics And Communication Scientia Association [ECSA] on 19.07.2014. The day's Chief Guest was Mrs. M. Phemina Selvi, M.Tech. (Ph.D), AP/ECE Anna University Campus, Ariyaloor. She covered various Research Possibilities in the field of wireless communication.
- Department of Electronics & communication Engineering & ECSA of St. Anne's College of Engineering & Technology Department conducted a two day workshop in the stream of “Embedded System & Its Application using 8051” on 11th & 12th sep 2014 handled by Googly power solutions. Areas covered in the workshop were interfacing LED, LCD, keypad, motors, Bluetooth and RFID reader using embedded C in RIDE software and simulation using Proteus.



Workshop on Embedded System and its application



Guest Lecture on Wireless communication

Industrial visits

- II year ECE students visited BSNL in Chennai on 2nd august 2014 along with the staff members Ms. B. MARY AMALA JENNI and Mr. C. SRINIVASAN

Students Achievements

- IV YEAR students A.Suganya, V.Deepika, K.Durgadevi, R.Sowmiya, D.Santhanalakshmi, E.Ssivamanikandan, K.Harikrishnan, P. Tamilselvan & III year students S.Anitha, F.Peardaniel, R.Prabu P.T.Balamurugan had participated in the two days workshop on “Object Tracking Robot Using Image Processing” held on 6th and 7th September 2014 at Madras Institute of Technology campus, Anna university.
- P.Balamurugan, D.Santhanalakshmi, S.Illakiya, B.Vinothini, S.Bharathi, J. Subashini, S. Sutha of final year ECE had participated in the programme on “Science And Technology Capacity Building For Industrial Needs” sponsored by Tamilnadu state council for Science and Technology, Chennai and organized by the university college of Engineering, panruti, during 06-08-2014 to 08-08-2014.
- S. Ilakkiya, K. Durgadevi, D. Santhanalakshmi of final year ECE attended a National Level Technical Symposium Flames'14 Organized by, Dr. Navalar Nedunchezhiyan College of Engineering, tholudur – 606 303, in association with IEI & ISTE on 15 Feb'14.
- S. Ilakkiya, D. Santhanalakshmi of final year ECE had attended Workshop and Paper presentation conducted in the 4th National Technical Symposium Agnimitra'14 by The Department of ECE, University College of Engineering, Villupuram on 27th & 28th Feb'14.
- S. Anbarasan of II Year ECE had attended “State Level Seminar” on 10 Mar'14 conducted in Theivanai Ammal College For Women, Villupuram
- S. Ilakkiya, K. Durgadevi, D. Santhanalakshmi, S. Philominal, B. Vinothini, S. Bharathi, P. Balamurugan, S. Sudha of IV year ECE had presented Papers in 2nd National Level Technical Symposium in St. Anne's College Of Engineering & Technology, Organized by Department of Electronics and Communication Engineering on 15th Mar'14.
- K. Arun Kumar II YEAR had attended One day National Workshop Organized by Annai Teresa College Of Engineering on 5th Apr'14.
- S. Ilakkiya IV year ECE had participated in “Srinivasa Ramanujam Mathematics Competitions” conducted along with ISTE for the year 2013-2014.
- Mr. R. Ramkumar from final year ECE had attended and successfully completed the NLC Implant training on Communication from 25th Jun '14 to 2nd Jul '14.
- S. Ilakkiya, K. Durgadevi, D. Santhanalakshmi, S. Philominal of IV YEAR ECE had attended National Level Technical Symposium Stars'14 conducted by ECE Department of Dr. Paul's Engineering College on Technical, Aptitude & Rational Studies on 21 Feb '14.

Department Toppers



A. BHAGYA LAKSHMI
Batch(2010-14)



D. SANTHANALAKSHMI
Batch(2011-15)



S. DHIVYA
Batch(2012-16)



R. VINO
Batch(2013-17)

SCIENCE AND HUMANITIES

FROM H.O.D'S DESK....

Mr. A. HARIKRISHNAN, Msc., M.Phil.,(Ph.D)

Designation: Assistant Professor & Head

Specialization: SPECTROSCOPY

Email Id: krishhari80@yahoo.co.in

Phone: 9994745392



"Education is the most powerful weapon which you can use to change the world."

I feel happy and proud to be the head of the department of science and humanities.

The Department of Sciences and Humanities is one of the indispensable department of our Institute. It imparts excellent quality education in the area of Applied Sciences (Mathematics, Physics, Chemistry) and Humanities i.e., Communication skills for the future technocrats of all streams.

All our teaching faculties have published extensively in academic and scientific journals and our growing faculty body has added several post-graduates and doctorates from various universities.

On behalf of the staff members of the Department of Science and Humanities, I hope that this News epistle will give new dimensions for the budding engineers

Faculty attended conferences/ Workshops / Seminars

- Mr. A. Azhagappan has attended the eighth international conference and instructional workshop on "Matrix Analytic Methods in Stochastic Models" organized by Department of Mathematics, National Institute of Technology Calicut, Kerala from January 6 -10, 2014.
- Mrs. S. Bharathi has presented a paper in a National conference held at Seethalakshmi Achi college Karaikudi on "Alienation and rootlessness in Bharathi Mukerji's novels" in Aug 2014.
- Mr. A. Hari Krishnan had presented a paper in National Conference held at SCSMVM University Kanchipuram on "Computational Study on Cloxquine" in March 2014.
- Mr. A. Hari Krishnan had presented a paper in National Conference held at Annamalai University on "Theoretical and Experimental Study of Melamine" in April 2014.
- Mrs. S. Bharathi had attended a workshop on "Seven activities for English classes in Engineering colleges" in Loyola college of Engineering Chennai Jan 2014
- Mrs. S. Bharathi had attended a National Seminar on "English for Specific purpose – A Reappraisal" in March 2014
- Anthuvan John Peter has published a paper on "Synthesis and luminescent properties of Tb³⁺ activated AWO₄ based (A = Ca and Sr) efficient green emitting phosphors" J Mater Sci: Mater Electron (2014) 25:2771–2779. (Springer)

• Anthuvan John Peter had Presented a paper at the International conference on Materials and Characterization Techniques – ICMCT 2014 Sponsored by BRNS (DAE), SERB (DST), DRDO and CSIR from 10-12, March 2014.

• Anthuvan John Peter had presented a paper At The "Second National Conference On Recent Advances In Materials – NCRAM 2014" (Ncram-2014) Held At B.S.Abdhur Rahman University, Chennai, During 3rd and 4th September 2014.

• Mrs.G.Abirama Sundari presented a paper At The National Conference On Recent Advances In Materials (NCRAM-2013) held At B.S.Abdhur Rahman University,Chennai.

• Mrs.G.Abirama Sundari has published a paper Cu doped TiO₂ nanoparticles for photocatalytic disinfection of bacteria under visible light published in the journal "COLLOID AND INTER-FACE SCIENCE"Elsevier publications.

• Anthuvan John Peter has Presented a paper at the International conference on energy efficient LED lighting and solar photovoltaic systems Sponsored by Department of Science and Technology and Ministry of Defence held at IIT-KANPUR, from 27th-29th March-2014.

• Mrs.S.Bharathi has attended a workshop in Annauniversity for I year bridge course in June 2014.

• Mrs.S.Bharathi has given Guest Lecture in Krishna Engineering college, pondy on "The art of communication" in Sep 2014.



Guest Lectures/Workshops/Seminars/Events conducted

Bridge course for the freshers of 2014 batch was conducted for a fortnight . Basic knowledge of all the subjects were given so that they could enjoy joining Engineering. The students were able to overcome their fears, anxiety, shyness,Inferiority complex...etc. and to be an optimist.

Bridge Course



Motivational Programme

Dr. R. Gopal Teacher Educator, Directorate of Education pondy gave a motivational programme for the 1st year students on 6th August 2014.

Fresher's Day

Fresher's day Aug 2014- the freshers of 2014 batch were given a warm welcome by their seniors. The seniors entertained them with various programmes and gave a cordial welcome.





INFRASTRUCTURE



LIBRARY BLOCK

Events in Forthcoming semester....

- * Zonal Level Sports Meet'2015
- * National Level Student Workshop on "National Network Security Championship"
- * Alumni Meet 2015
- * National Conference

- * National Science Day
- * Blood Donation Camp
- * Awareness on Higher Studies
- * Sports day
- * Annual Day

OUR OTHER INSTITUTIONS RUN BY THE SISTERS OF ST. ANNE OF TRICHY



**Annai Velankanni
Polytechnic College,
Panruti.**



**Jeyaraj Annapacklam
College for women
(Arts & Science),
Periyakulam.**



**St. Anne's B.Ed
College for women,
Periyakulam.**



**Muthaiyar Higher
Secondary School,
Panruti.**

St. Anne's I.T.I.
St. Anne's Community College
Higher Secondary Schools
St. Anne's Matriculation school,
Thattanchavady, Panruti .
Nirmala Hr. Sec. School, Ariyalur
St. Joseph's Hr. Sec. School, Chennai.
High schools
Primary Schools (Tamil, Malayalam & English Medium)

St. Anne's Hr.Sec. School, Trichy.
Creches
Typewriting & Tailoring Institutes
Computer Institutes
Orphanages, Boarding & Hostels
Social Welfare Centres
Hospital
Health Centres

Home for the abandoned children & Aged person
Rehabilitation Centres for Mentally And Physically challenged Children

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**ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY,
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