

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY



YOUME-II ISSUE-I

NEWS EPISTLE

JULY- JAN 2015-16



It is with immense gratification and privilege; the Third Issue of St Anne's College of Engineering and Technology News Epistle is being released. In synchronization with the superior vision and mission of our college, all the faculty members and the students are involving themselves in high standards to achieve the pinnacle of success in Engineering Education. The college has already achieved and won more accolades in intellectual circles and is attaining improvement in all the recent Engineering fields every day.

I am much delighted in releasing this issue of News Epistle. Keeping in mind, the growth of practical knowledge and enhanced employability of the students, the institution isorganizing

FROM THE EDITOR'S DESK



various development programmes for all the faculty and students. The achievements and awards won by both faculty and students are depicted in this newsletter to showcase their talents. It carries the day to day activities, news and significant updates of the institution. I guarantee you that this newsletter will be a new of its kind which portrays the development of our college in various fields.

I am sure that each and every student who is graduating from St. Anne's College of Engineering and Technology will be equipped with rich blend of facts and expertise and will occupy a superior position in the world.

I am confident and happy to promise that our college will move ahead and add more accolades to its name in the days to come.

My best wishes and thanks to all the well wishers for the successful release of this News Epistle..

Best Wishes, Dr. R. Arokiadass, M.E., Ph.D., Principal.

Students Placement in 2015 - 2016

CONGRATULATIONS !!!













































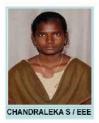








































ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty attended Conferences/ Workshops / Seminars

- Mrs. M. Vaidehi, Assistant Professor published a paper on "Design and analysis of AES-CBC mode for high security applications" in IEEE Xplore, 2015.
- Mrs. M. Vaidehi, Assistant Professor published a paper on "Design for implementation of enhanced affine and inverse affine transformation based composite S-Box for AES encryption and Decryption" in Research Journal of Applied Sciences, Engineering and Technology, 2015.
- •Mrs. M. Vaidehi, Assistant Professor, Mrs. D. Umamaheswari, Assistant Professor, Ms. B. Mary Amala Jenni ,Assistant Professor and Ms. S. Devika, Assistant Professor participated in a 4 days workshop on "LPC 2148 ARM7 Interface Programming Using Embedded C" conducted by Mr. Rajamorthy, Technical Head of IWIZ Bluechip Technologies Pvt. Ltd., Chennai.
- Mr. S. BalaBasker, Assistant Professor, Mr. R. Annamalai , Assistant Professor, Mr. R. Radhakrishnan, Assistant Professor and Mr. G. Mahendiran, Assistant Professor participated in a 4 days workshop on "LPC 2148 ARM7 Interface Programming Using Embedded C" conducted by Mr. Rajamorthy, Technical Head of IWIZ Bluechip Technologies Pvt. Ltd., Chennai.
- Mrs. M. Vaidehi, Assistant Professor, Mrs. D. Umamaheswari , Assistant Professor, Ms. B. Mary Amala Jenni , Assistant Professor and Ms. S. Devika, Assistant Professor participated in a 2 days Workshop on "Digital Image Processing using MATLAB" by Mr. MaheshAnand, Managing Director, Scientific Computing Solutions, Chennai.
- Mr. S. BalaBasker, Assistant Professor, Mr. R. Annamalai, Assistant Professor, Mr. R. Radhakrishnan ,Assistant Professor and Mr. G. Mahendiran, Assistant Professor participated in 2 days workshop on "Digital Image Processing using MATLAB" by Mr. MaheshAnand, Managing Director, Scientific Computing Solutions, Chennai.

Guest Lectures/Workshops/Seminars/Events conducted

• Two days Workshop on "Digital Image Processing Using Matlab" by Mr. Mahesh Anand, Managing Director, Scientific Computing Solutions, Chennai on 18th and 19th September 2015. Areas covered in the Workshop were Color Image Processing, Image Enhancement and Filtering Techniques, Morphological Processing, Medical Image Analysis and Real Time Video Processing.





Digital Image Processing Using Matlab

• Electrionics and Communication Scientia Association (ECSA) arranged a 4 days State Level Workshop on "LPC 2148 ARM 7 Interface Programming Using Embedded C" by Mr. Rajamorthy, Technical Head, Mr. Manikandan and Ms. Dhivya, Technical Assistants of IWIZ Bluechip Technologies Pvt. Ltd., Chennai.





LPC 2148 ARM 7 Interface Programming Using Embedded C

- ECSA Elite Club was inagurated on 15th September 2015. The objective of this Club is to inculcate research culture among graduate students and also plays vital role in bridging the gap between Education and Research. It helps the students to keep updated with Substantial Research and give them the confidence to articulate their own opinion on research topics through critical analysis of the literature.
- Engineer's Day was Celebrated on 15th September 2015. Our Principal stressed the importance of the Engineer's day, the Duties and Responsibilities of Engineers. Various competitions including Technical and Non technical Programs were conducted for Students and Staff Members. A special video for Engineers Day was presented by Mr. R. Annamalai, Assistant Professor.





Engineer's Day Celebration

- One day Workshop on "Embedded System Design using LPC 2148" was conducted for the DECE III year students of Annai Velankanni Polytechnic College at our college campus by Mrs. D. Umamaheswari, Mr. S. BalaBasker and Mr. V. Venkatesan on 13th December 2015
- One day Workshop on "Embedded System Design using LPC 2148" was conducted for the DECE III students at Mahalakshmi Polytechnic College by Mrs. D. Umamaheswari, Mr. S. BalaBasker and Mr. V. Venkatesan on 8th January 2016.





Embedded System Design using LPC 2148

Students Achievements

- Ms. S. Anitha, IV year participated in the paper presentation on "Internet of things based smart traffic control system" in a National Level Technical Symposium at University College of Engineering, Arni on 22nd and 23rd September 2015.
- Ms. S. Indhumathi and Ms. M. Greeta Mary of III year presented a paper on "VLSI using Low Power Consumption" in a National Level Technical Symposium at Shri Krishnaa College of Engineering & Technology on 28th August 2015.
- Ms. S. Indhumathi and Ms. M. Greeta Mary of III year participated in an event Technical Quiz at Shri Krishnaa College of Engineering & Technology on 28th August 2015.
- Ms. D. Mary and Ms. X. Julit Xavio of II year presented a paper on "Transforming a surgical robot for human telesurgery" in a National Level Technical Symposium at AVS Engineering College, Salem on 4th September 2015
- Ms. Y. Princy, Ms. A. Puviarasi and Ms. M. Greeta Mary of III year presented a paper on "An Optical Flip-Flop Design for VLSI Power Minimization" in a National Level Technical Symposium at University College of Engineering, Arni on 22nd and 23rd September 2015.
- Ms. M. Greeta Marry of III year participated in an event "VOLTRANICS" in a National Level Technical Symposium at University College of Engineering, Arni and won 2nd prize on 22nd and 23rd September 2015
- Ms. S. Indhumathi, Ms. R. Vino, Ms. K. Subasri and Ms. A. Pushpa of III year participated in a State Level DST Sponsored Maths Quiz Competition for Engineering College Students on 26th September 2015.
- Mr. R. Prabu of IV year presented a paper in a National Level Technical Symposium at University College of Engineering, Ariyalur on 30th September 2015.
- •IV and III year students participated in a 4 days Workshop on "LPC 2148 ARM7 Interface Programming Using Embedded C" conducted by Mr. Rajamorthy, Technical Head of IWIZ Bluechip Technologies Pvt. Ltd., Chennai.
- •IV and III year students participated in a Two days State Level workshop on "Digital Image Processing using MATLAB" conducted by Mr. Mahesh Anand, MD Scientific Computing Solutions, Chennai.
- Ms. R. Vino of III year won the $1^{\rm st}$ prize in the ISTE Srinivasa Ramanujan Mathematical Competitive Examination 2014 15 for Engineering College student at New Delhi on $9^{\rm th}$ January 2015 .

Industrial visit



•III year students visited "Kudankulam Nuclear Power Project" on 28th August 2015.

Nuclear Power Plant- Kudankulam

ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty attended Conferences/ Workshops / Seminars

- Sr. Annai Theresa, Assistant Professor participated in a one week AICTE QIP sponsored short term course on "Challenges on Insulation Reliability in Smart Grid Applications (CIRSA)" at Pondicherry Engineering College, Puducherry from 23rd to 27th November 2015.
- Mr. A. Richard Pravin, Assistant Professor and Mr. J. Ramesh, Assistant Professor participated in Seven days Faculty Development Programme on Circuit Theory at University College of Engineering, Panruti from 9th to 15th December 2015.
- Mr. A. Richard Pravin, Assistant Professor and Mr. K. Sriram, Assistant Professor presented a paper on "Student's Perception of Plagiarism" in 18th ISTE TN&P Section Annual Convention for Faculty Members of Engineering Colleges on "Indian Education System: Sustainability & Global Competitiveness" on 10th and 11th December 2015
- Sr. Annai Theresa, Assistant Professor presented a paper on "Comparative analysis of Knowledge Based and Skill Based Learning" in 18th ISTE TN&P Section Annual Convention for Faculty Members of Engineering Colleges on "Indian Education System: Sustainability & Global Competitiveness" on 10th and 11th December 2015.
- Mr. V. C. Eugin Martin Raj, Assistant Professor, Ms. R. Sivasankari, Assistant Professor, Mr. V. Balaji, Assistant Professor and Mr. A. Sundarapandiyan, Assistant Professor published a paper on "A Novel Approach on Power Factor Correction using Microcontroller for Domestic Loads" in International Journal of Modern Trends in Engineering and Research, Volume 2, Issue 11, November 2015.
- Mr. K. Sriram, Assistant Professor, Mr. J. Ramesh, Assistant Professor, Mr. A. Richard Pravin, Assistant Professor and Mrs. S. Lese, Assistant Professor published a paper on "Group Search Optimization Technique Based Minimization of Reactive Power Generation in Power System" in IOSR Journal of Electrical and Electronics Engineering, Volume 10, Issue 6, December 2015.
- Sr. Annai Theresa, Assistant Professor participated in Seven days Faculty Development Programme on Design of Electrical Machines at University College of Engineering, Dindugal from 16th to 22nd December 2015.

Guest Lectures/Workshops/Seminars/Events conducted

• A value added course on "Project based learning using MATLAB" was conducted by Mr. Moorthy, Mr. Kannan and Mr. Kesavan, Enthu Technology Solutions India Pvt. Ltd., Coimbatore from 27th August 2015 to 31st August 2015. D. Alice Albert and D. Prasanth of IV year EEE and S. Parthiban of III year EEE were selected for internship training programme for duration of 30 days with stipend at Enthu Technology Solutions, Coimbatore. V. Vijayachandran of IV year EEE was rewarded with an Arduino Board for his active performance in the workshop.





Project based learning using MATLAB

- An Intra-Departmental Competition EXALT'15 was conducted on 15th September 2015 on account of National Engineer's Day and was coordinated by Mr. V. Balaji, Assistant Professor. Students actively participated in the Technical and Non-Technical Events and bagged many prizes. Ms. R. Soffi of II year, Mr. M. Vivekanandhan, Mr. M. Praveen Raj and Mr. B. Manikandan of III year and Ms. R. Giritha, Mr. S. Veeravel, Mr. K. Muthukumaran and Mr. R. Raj kumar of IV year were bagged with prizes in the Technical Competitions.
- Seminar on "Overview of the Research Techniques and its Methodologies" was given by Mr. A. Richard Pravin, Assistant Professor to IV year students to make them get interested in their engrossed research areas.



Overview of the Research Techniques and its Methodologies

• A Faculty Seminar had been organized on 19th November 2015 to provide a platform for the faculty members to explore the current trends.



ISTE Faculty Seminar

- MoU has been signed with Enthu Technology India Pvt. Ltd., Coimbatore in order to give a continuous opportunity for exploring the students in industrial platform through internship programmes biannually.
- A value added course on "Project based learning using MATLAB" for III year Electrical and Electronics Engineering students of Annai Velankanni Polytechnic College on 3rd January 2016.





A value added course for students of Annai Velankanni Polytechnic College

Students Achievements

- Mr. D. Alice Albert, Mr. D. Prasanth of IV year and Mr. S. Parthiban of III year were selected for internship training programme with stipend for duration of 30 days at Enthu Technology Solutions, Coimbatore.
- Mr. V. Vijayachandran of IV year EEE was rewarded with an Arduino Board for his active performance in a Five days Workshop on MATLAB conducted by Enthu Technology Solutions India Pvt. Ltd.
- Mr. D. Alice Albert, Mr. E. Aravinth, Mr. P. Chandrasekaran,
 Mr. M. Jilu, Mr. D. Rajadurai, Mr. S. Sathish and Mr. A. Srikanth of
 IV year were undergone Inplant Training in Thermal Power Station
 I (Expansion) of Neyveli Lignite Corporation Ltd., Neyveli from
- 13th to 20th July 2015.
- Ms. S. Epsiba Rani and Ms. R. Soffi of II year presented a paper in a National Level Technical Symposium on 4th September 2015.
- Mr. R. Rajkumar, Mr. S. Veeravel, Mr. K. Muthukumaran, Mr. A. Sasi and Mr. R. Arulpandi of IV year were undergone Inplant Training in TNEB at Cuddalore Electricity Distribution Circle from 28th July to 1st August 2015.
- Mr. K. Prabakaran, Mr. E. Ragavendra, Mr. S. Rajiv Gandhi, Mr. I. Sriram and Mr. S. Sivamurugan of IV year were undergone Inplant Training in TNEB at Cuddalore Electricity Distribution Circle, Capper Hills from 14th to 19th September 2015.

Industrial visit

III year and IV year Students visited Kudankulam Nuclear Power Plant on the 25th August 2015.



Nuclear Power Plant- Kudankulam

COMPUTER SCIENCE AND ENGINEERING

Faculty attended Conferences/ Workshops / Seminars

- Mr. D. Varadharajan, Assistant Professor published a paper on "Trusted Route Selection to Combat Black Hole Attack in MANET" in a International Journal of Computer and Network Engineering vol.1 No.1, September 2015.
- Mr. X. Martin Lourdu Raj, Assistant Professor participated a one day Orientation Program (NSS) for programming officers at BIT campus, Trichy on 30th November 2015.
- Mrs. D. Pauline Freeda, HOD, participated a one day International Workshop on "Preparation of Technical Articles and Research Proposals" at University College of Engineering, Villupuram on 4th January 2016.
- Mrs. Z. Asmathunnisa, Assistant Professor participated a one day International Workshop on "Preparation of Technical Articles and Research Proposals" at University College of Engineering, Villupuram on 4th January 2016.
- Mrs. D. Pauline Freeda, Mr. A. Deiveegan and Sr. D. Selvarani attended the Faculty Development Program on "Mobile Application Development Lab" at Sri Sairam Engineering College, Chennai on 8th and 9th January 2016.

Guest Lectures/Workshops/Seminars/Events conducted

• An ISTE sponsored Workshop on "Advanced Java Frameworks" was conducted by Mr. P. M. Vadivel, Associate consultant, TCS, Chennai on 22nd, 23rd, 29th and 30th August 2015.





Advanced Java Frameworks

- Computer Science And Techxium Association(CoSTA) and ISTE Student Chapter organized a Guest Lecture on "Current Research Trends in Swarm Intelligence & WEKA (a Data Mining Tool)" by Dr. P. Shunmugapriya, Professor & Dean, Dept. of Computer Science & Engineering, Dr. SJS Paul's Memorial College of Engg. & Tech, on 25th September 2015.
- Workshop on "PC Hardware and Assembling" was conducted by CoSTA for the DCE III year students of Annai Velankanni Polytechnic College on 17th December 2015 by Mr. A. Deiveegan and Mr. S. Manavalan.





Current Research Trends in Swarm Intelligence & WEKA (a Data Mining Tool)





PC Hardware and Assembling

- Workshop on "PC Hardware and Assembling" was conducted by CoSTA for the DCE III year students at Mahalakshmi Polytechnic College on 6th January 2016 by Mr. A. Deiveegan and Mr. S. Manavalan.
- Engineer's Day was celebrated on 15th September 2015. Various competitions including Technical and Non-technical Programs were conducted for Students and Staff Members.





Engineer's Day Celebration

Students Achievements

- Mr. K. G. Harish Kumar of IV year participated in a one day Workshop on "Mobile Application Design and Development for Android" at VELS University on 29th June 2015.
- Ms. S. Jona Jenifer of IV year participated in a Zonal match Badminton at V.R.S College of Engineering and Technology, Villupuram on 17th August 2015.
- Ms. S. Kalpana and Ms. D. Rani of III year participated in a Zonal match Badminton at V.R.S College of Engineering and Technology, Villupuram on 17th August 2015.
- Ms. K. Subashini and Ms. D. Sivaranjani of IV year participated in a one day National Workshop on "XML and Web services" at University College of Engineering, Villupuram on 19th August 2015.
- Ms. K. Kalpana and Ms. Antony Jancy Jesuraj of III year participated in a one day National Workshop on "XML and Web services" at University College of Engineering, Villupuram on 19th August 2015.
- Mr. K. G. Harish Kumar of IV year participated in a two days International Workshop on "Network Security and Challenges" at Madras Institute of Technology campus, Chennai.
- Mr. R. Rajpriyan, Ms. K. Gomathi and Ms. S. Sharmila of III year presented a paper in a National level Technical Symposium and participated in a Technical Quiz at Shri Krishnaa College of Engineering and Technology, Puducherry on 28th August 2015.
- Mr. R. Aditya Kasi Swaminathan and Mr. R. Vasantharajan of IV year participated in Two day Hands on training on "WIFI and Internet of things using CC3200 Kit" at Sri Ramakrishna Engineering College, Coimbatore on 11th and 12th September 2015.

Industrial visits

• IV year CSE students visited "Porast Technologies" with the staff members.

MECHANICAL ENGINEERING

Faculty attended Conferences/ Workshops / Seminars

- Mr. D. Ommurugadhasan, HOD participated in a one day International Workshop on "Preparation of Technical articles and Research Proposals" at University College of Engineering, Villupuram on 4th January 2016.
- Mr. K. Saravanan, Assistant professor participated in a one day International Workshop on "Preparation of Technical articles and Research Proposals" at University College of Engineering, Villupuram on 4th January 2016.
- Mr. N. Neelavannan, Assistant professor, Mr. R. Sasikumar, Assistant professor and Mr. U. Naveenkumar, Assistant professor conducted One day Workshop on "Computer Integrated Manufacturing" for III year Mechanical Engineering students at Mahalakshmi Polytechnic College, Cuddalore 8th January 2016.

Guest Lectures/Workshops/Seminars/Events conducted

• A technical Guest lecture on "Research Methodologies in Non-Destructive Testing and Inspection" was given by Sri Sai institute of Non Destructive testing and Inspection on 12th November 2015.

Industrial visits

- III year students visited Green power industry at Coimbatore on 3rd September 2015
- IV year student visited Sieger Spintex at Coimbatore on 24th September 2015.

Sports Activities

- \bullet Our students won the 1st Prize in the Anna University Zonel Level Football match at VRS College of Engineering and Technology, Arasur from 2nd to 5th September 2015.
- Our Badminton team won the 4th Place at Adhiparasakathi Engineering College, Melmaruvathur on 9th September 2015.



1st Prize in Football

SCIENCE AND HUMANITIES

Faculty attended conferences/ Workshops / Seminars

- Mr. V. Prakash, Assistant professor attended a one day workshop on "How To Teach Engineering Mathematics - I" at Loyola-Icam College Of Engineering And Technology (Licet), Chennai on 30th October 2015.
- Mr. V. Prakash, Assistant professor and Mr. N. Syed Mudarak, Assistant professor attended a Faculty Development Training Programme on Mathematics - I at University College of Engineering, Panruti from 24thto 30th June 2015.
- Mr. A. Harikrishnan, Assistant professor attended an International Workshop on "Preparation of Technical Articles & Research Proposals" on 4th January 2016 held at University College Of Engineering, Villupuram.
- Mrs. S. Ramya, Assistant professor attended an International Workshop on "Preparation of Technical Articles & Research Proposals" at University College Of Engineering, Villupuram on 4th January 2016.
- Mrs. G. Abirama Sundari, Assistant professor attended an International Workshop on "Preparation of Technical Articles & Research Proposals" at University College Of Engineering, Villupuram on 4th January 2016.
- •Mr. A. John Peter, Assistant professor has published a text book on "Red Phosphors for W-LED Applications" Grin Verlag Publisher, Germany, 2015 [ISBN(Book):978-3-668-04305-3]

Students Achievements

• Ms. A. Soundarya, I CSE won the 2nd prize in Essay Writing Competition held on 15th October 2015 in Commemoration of Dr .A. P. J Abdul Kalam's Birthday.

ISTE AWARD

Best ISTE Chapter award

Awarded The Best ISTE Chapter award in the 18th ISTE faculty convention at KPR Institute of Engineering and Technolgy, Coimbatore on 10th December 2015.

EVENTS @ St. ANNE'S



First year Inaugural



Personality Development and Interview Skills



St. Anne's Feast Celebration



Teachers Day Celebration



Soft Skill Programme



Seminar on "Electrical Saving and Safety"

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Courses Offered

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ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY, ANGUCHETTYPALAYAM, PANRUTI - 607110, CUDDALORE DISTRICT.



stannescet@gmail.com



04142 - 244661



