

SAEC NEWSLETTER

April 2022 to June 2022



SYED AMMAL ENGINEERING COLLEGE

(An ISO 9001:2015 Certified Institution)

Dr. E.M. Abdullah Campus, Ramanathapuram-623502

Accredited with A+ Grade by NAAC

NBA accredited UG Courses: CSE & MECH

Anna University Approved Research Centres: CSE, ECE and EEE

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Annual Sports Meet

The 24th Annual Sports Meet of our college was held on 23.06.2022. Mr. T. Senthil Kumar, District Sports and Youth Welfare Officer, Ramanathapuram was the chief guest of the function and the function was presided by Dr. Chinnurai Abdullah, Correspondent in the presence of Dr. M. Periyasamy, Principal of our college. Mr. P. Nedumal Pugazhenth, Associate Professor/EEE and Coordinator of the Intramural sports meet welcomed the gathering. The annual report was delivered by Mr. S. Sathiyendran, Director of Physical Education, SAEC, Ramanathapuram. Selvan K. Sabeen Raj of IV/MECH delivered the vote of thanks.



ISTE Technical Convention 2022

Indian Society for Technical Education was started in 1968. In our college, ISTE Students Chapter was installed in 2004. The main aim of ISTE is to assist and contribute in the production and development of top-quality professional engineers and technocrats needed for industries and other organizations. In ISTE chapter activities such as seminars, workshops, conferences and presentations are conducted at a national and international level. For every year, the project competition is being conducted by the ISTE Students Chapter for all III year students in the name of TECH EXPO to develop their practical knowledge and their presentation skills. Out of all the projects presented, the best 3 projects are selected from each department and awarded with cash prizes. In the academic year 2021-2022, the project competition was conducted on 14.05.2022. Totally 37 projects were demonstrated and the best 3 projects were selected from each department and awarded with cash prizes.



FDP/Workshops/Webinars Attended

- Mr. T. Dharmaprabhakaran, Assistant Professor, Department of Mechanical Engineering has completed a twelve week NPTEL Course FDP on “Air Pollution and Control” conducted by IIT Roorke, during January 2022 to April 2022.
- Mr. T. Dharmaprabhakaran, Assistant Professor, Department of Mechanical Engineering has participated in a one week workshop on “Chemistry in Innovative Technologies” organised by Department of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam, during 25.04.2022 to 30.04.2022.
- Dr. B. Jayalakshmi, Professor, Department of Science and Humanities has participated in a one week workshop on “Chemistry in Innovative Technologies” organised by Department of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam, during 25.04.2022 to 30.04.2022.
- Mr. G. G. Naganathan, Assistant Professor, Department of Science and Humanities has participated in a one week workshop on “Chemistry in Innovative Technologies” organised by Department of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam, during 25.04.2022 to 30.04.2022.
- Dr. B. Jayalakshmi, Professor, Department of Science and Humanities has participated in a one week online Faculty Development Programme on “Research Methodology” organized by Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, during 02.05.2022 to 07.05.2022.
- Mr. G. G. Naganathan, Assistant Professor, Department of Science and Humanities has participated in a one week online Faculty Development Programme on “Research Methodology” organized by Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, during 02.05.2022 to 07.05.2022.
- Dr. B. Jayalakshmi, Professor, Department of Science and Humanities has participated in a twelve week Faculty Development Programme on “Chemistry of Main Group Elements” organized by IIT Bombay, NPTEL, during February to April 2022.
- Dr. B. Jayalakshmi, Professor, Department of Science and Humanities has participated in a twelve week Faculty Development Programme on Co-ordination Chemistry (Chemistry of Transition Elements)” organized by IIT Bombay, NPTEL, during February to April 2022.
- Mr. G. G. Naganathan, Assistant Professor, Department of Science and Humanities has participated in a twelve week Faculty Development Programme on “Chemistry of Main Group Elements” organized by IIT Bombay, NPTEL, during February to April 2022.



FDP/Workshops/Webinars Organized

Department of Electrical and Electronics Engineering, Syed Ammal Engineering College, Ramanathapuram has organized a workshop on “PCB Fabrication and Assembling” during 06.04.2022 to 09.04.2022. Resource Person: Er. T. Senthilkumar, Project Associate, Nikhitronics, Chennai.



Department of Electrical and Electronics Engineering, Syed Ammal Engineering College, Ramanathapuram has organized a workshop on “Arduino Hands on Training” during 29.04.2022 to 30.04.2022. Resource Person: Dr. G.S. Naganathan, Associate Professor/ EEE, Syed Ammal Engineering College, Ramanathapuram.



FDP/Workshops/Webinars Organized

Department of Electronics and Communication Engineering, Syed Ammal Engineering College, Ramanathapuram has organized a two days workshop on ‘PCB Fabrication and Assembling’ during 25.04.2022 to 26.04.2022. Resource Person: Mr. K. Senthil Kumar, Project Director, Nichitronics, Chennai.



Department of Electronics and Communication Engineering, Syed Ammal Engineering College, Ramanathapuram has organised a workshop on “Hands-On Training with Arduino Microcontroller” on 04.05.2022. Resource Persons: Dr. A. Valanarasi, Associate professor and Mr. S. Praveen Samuel Washburn, Assistant Professor, Department of Electronics and Communication Engineering, Syed Ammal Engineering College, Ramanathapuram.



FDP/Workshops/Webinars Organized

- Department of Electrical and Electronics Engineering, Syed Ammal Engineering College, Ramanathapuram has organized a Guest Lecture seminar on “Introduction to Special Electrical Machines” on 01.06.2022. Resource Person: Dr. J. Gnanavadivel, Associate Professor, Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering College, Sivakasi.
- IPR Cell, Syed Ammal Engineering College, Ramanathapuram and National Intellectual Property Awareness Mission (NIPAM) has jointly organised an Awareness Programme on “Intellectual Property Rights” for students and staff of Syed Ammal Engineering College, Ramanathapuram.
- Department of Electrical and Electronics Engineering, Syed Ammal Engineering College, Ramanathapuram has organized a workshop on “Introduction to Modelling and Simulation of Physical Models Using Labview” by Innovative Invaders, Coimbatore during 03.06.2022 to 04.06.2022.

Patent Granted

Sl.No.	Publication Details	Granted Details	Title of the Design Patent	Inventor Details
1	The Patent Office Journal No. 22/2022 Dated 03/06/2022, Page: 34964	Patent number: 359639-001, Dated: 27/05/2022	Solar Biomass Integrated Crop Dryer	Dr. S. Selvaperumal, Professor & Head, Department of Electrical and Electronics Engineering

Book Published

- Dr. N. Karthikeyan, Professor & Head, Department of Artificial Intelligence and Data Science & Department of Computer Science and Business System has published a book titled “Principles and Application of Socio – Cognitive and Affective Computing” IGI-Global Publications, June 2022.



Conference Presentation/ Participation

- Mr. T. Dharmaprabakaran, Assistant Professor, Department of Mechanical Engineering has participated in International Conference on “Materials – Properties, Measurement and Applications” organised by Research and Post Graduate Department of Physics at Fatima Mata National College, Kollam, Kerala, during 09.05.2022 to 13.05.2022.
- Dr. G. Mahendran, Professor and Head, Department of Electronics and Communication Engineering has presented a paper titled “QCA Design of Reversible Comparator using Modified C-NOT GATE” at the International Conference on Emerging Trends in Engineering and Technology (ICETET’22), organized by Pandian Saraswathi Yadav Engineering College, Sivagangai, on 20.04.2022.
- Dr. G. Mahendran, Professor and Head, Department of Electronics and Communication Engineering has presented a paper titled “Brain Tumour Classification using Deep Learning Techniques” at the National Level Virtual Conference on Emerging Trends in Electrical, Computing and Communication Technologies (NCETECCT’22), at Madurai, India, on 23rd April 2022.
- Dr. G. Mahendran, Professor and Head, Dr. S. Murugeswari, Associate Professor and Mr. S. Praveen Samuel Washburn, Assistant Professor, Department of Electronics and Communication Engineering has presented a paper titled “QCA Design of Comparator using R-CNOT Reversible GATE”, at International Conference on Emerging Trends in Information and Communication Technologies, conducted by Sethu Institute of Technology, Kariapatti, Madurai, during 28.05.2022 to 29.05.2022.
- Dr. S.M.H. Sithi Shameem Fathima, Professor, Dr.N.Kirubanandasarathy, Professor and Dr. A. Valanarasi, Associate Professor, Department of Electronics and Communication Engineering has participated and presented a paper titled “Design of Approximate Adders for XOR applications using QCA” in the “ International conference on Emerging Trends in Information & Communication Technologies” organised by Department of ECE & International federation of interdisciplinary Research and Issuance during 28.05.2022 to 29.05.2022.
- Dr. S.M.H.Sithi Shameem Fathima, Professor and Dr. A. Valanarasi, Associate professor, Department of Electronics and Communication Engineering has presented a paper titled “Design of Approximate Adders for low energy application using QCA” at the International Conference on Emerging Trends in Engineering and Technology (ICETET’22), organized by Pandian Saraswathi Yadav Engineering College, Sivagangai, on 20.04.2022.



Conference Presentation/ Participation

- Dr. G.S.Naganathan, Associate professor, Department of Electrical and Electronics Engineering, has participated and presented a paper titled “Power Supply management for Hybrid Electric Vehicle Using Fuzzy Logic Controller” in the National Conference on Power Electronics and Drives 2022 (NCPED’22) organized by Department of Electrical and Electronics Engineering, Alagappa Chettiar Government College of Engineering & Technology, Karaikudi on 09.06.2022.
- Dr. S.M.H. Sithi Shameem Fathima, Professor, Department of Electronics and Communication Engineering, has presented a paper titled “Reliable Data Transmission using Signcryption Technique with Swarm Optimisation for Mobile ad-hoc Network” in the International Conference on Emerging Trends in Engineering and Technology (ICETET’22), organized by Pandian Saraswathi Yadav Engineering College, Sivagangai, on 20.04.2022.

Resource Person/Invited Lectures / Chair Person

- Dr. N. Karthikeyan, Professor & Head, Department of Artificial Intelligence and Data Science & Department of Computer Science and Business System has served as a Keynote Speaker in a “WARTECH 2K22” organized by Department of Information Technology, Syed Ammal Arts and Science College, Ramanathapuram on 18.05.2022.
- Dr. G. Mahendran, Professor & Head, Department of Electronics and Communication Engineering has delivered a lecture on the topic “Analysis for Identifying the Strengths and Weaknesses of the Institution with Gap Analysis for Remedial Actions” in the NAAC sponsored NAAC Awareness Seminar on “Building Quality System in Higher Education Sector” organized by Siddharth Institute of Engineering and Technology, Andhra Pradesh on 20.05.202.

NPTEL Course Completed

Faculty Name	Department	Course Name	Duration	Organized by	Grade & Rank
Dr. G.S. Naganathan	Associate Professor, Department of EEE	Fuzzy Sets, Logic and Systems	12 Week (Jan - April 2022)	IIT Kanpur	Elite with Gold, Topper
Mr. P. Nedumal Pugazhenth	Associate Professor, Department of EEE	Principles of Signals and Systems	12 Week (Jan- April 2022)	IIT Kanpur	Elite with Silver



NPTEL Course Completed

Faculty Name	Department	Course Name	Duration	Organized by	Grade & Rank
Dr. B. Jayalakshmi	Professor, Department of S & H	Co-ordination Chemistry (Chemistry of Transition Elements)	12 Week February -April 2022	IIT Bombay	Elite
Mr. G. G. Naganathan	Assistant Professor, Department of S & H	Chemistry of Main Group Elements	12 Week February -April 2022	IIT Bombay	Elite
Mr. P. Nedumal Pugazhenth	Associate Professor, Department of EEE	Control Engineering	12 Week (Jan- April 2022)	IIT Madras	Elite
Mr. P. Nedumal Pugazhenth	Associate Professor, Department of EEE	Sensors and Actuators	12 Week (Jan- April 2022)	IISC Bangalore	Elite
Mr. T. Dharmaprabakaran,	Assistant Professor, Department of Mechanical Engineering	Air Pollution and Control	12 Week (Jan- April 2022)	IIT Roorke	Elite
Mr. C. Thirugnanam	Assistant Professor, Department of Mechanical Engineering	Air Pollution and Control	12 Week January - April 2022	IIT Roorke	Elite
Dr. K. Senthil kumar	Professor, Department of Mechanical Engineering	Manufacturing Guidelines for Product Design	12 Week February -April 2022	IIT Roorke	Elite
Mr. R. Raja	Associate Professor, Department of Mechanical Engineering	Manufacturing Guidelines for Product Design	12 Week February -April 2022	IIT Roorke	Elite
Dr. B. Jayalakshmi	Professor, Department of S & H	Chemistry of Main Group Elements	12 Week February -April 2022	IIT Roorke	Elite



Reduce your risk of COVID-19



Syed Ammal Engineering College



Clean your hands often

Cough or sneeze in your bent elbow – not your hands!



Avoid touching your eyes, nose and mouth

Limit social gatherings and time spent in crowded places



Avoid close contact with someone who is sick

Clean and disinfect frequently touched objects and surfaces



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