

SAEC NEWSLETTER

July 2023 to September 2023



SYED AMMAL ENGINEERING COLLEGE

An Autonomous Institution

ESTD : 1998

Accredited with 'A+' Grade by NAAC

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Recognized Under section 2 (f) and 12 B of the UGC Act 1956 | An ISO 9001:2015 Certified Institution

NBA Accredited UG Courses : CSE & MECH | Anna University Approved Research Centres : EEE, CSE, MECH & ECE

Dr. E.M. Abdullah Campus, Ramanathapuram - 623 502, Tamil Nadu.

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ISTE Student chapter conducted an ISTE Miniproject Expo on 06.07.2023. The resource person was A.R. Sasikumar, Senior Website developer, Blueoshan, Chennai.

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 Dr. E.M. Abdullah Campus, Ramanathapuram - 623 502

DEPARTMENT OF ECE

in association with

**ISTE Students Chapter Organises
ISTE Miniproject Expo**

Chief guest
A.R.SASIKUMAR

Senior Website Developer
 Blueoshan - SHKUBO CMO SERVICES PVT LTD., Chennai

6 July 2023



Our college celebrated the 76th Independence Day on 15.08.23. Our honorable Correspondent Dr. Chinnadurai Abdullah hoisted the flag and distributed the prizes to the winners of Essay Writing and Poem Writing competitions conducted on 12.08.23 on behalf of Iniya Tamil Sangam and Literary and Fine Arts club.





Department of Mechanical Engineering conducted a seminar “CAD Design” on 28.08.2023 for Final year Mechanical Engineering students with the resource person as Er. A. Mohamed Aslam, AEC Support Engineer.

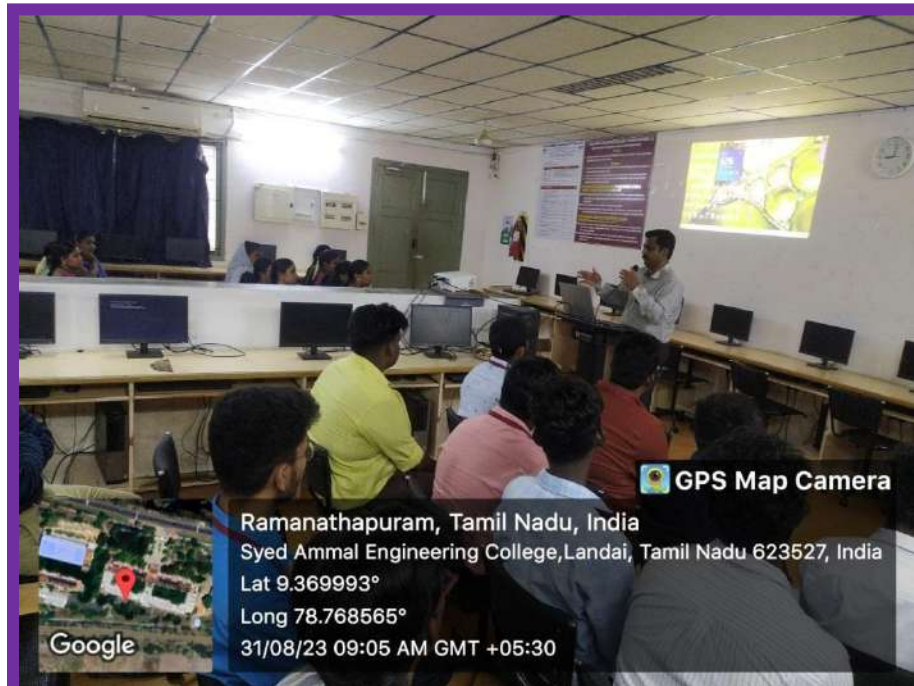


National Service Scheme (NSS), Syed Ammal Engineering College and Department of Vigilance and Anti-Corruption, Ramanathapuram jointly conducted a seminar on Anti-Corruption on 30.08.2023.

Dr. M. Periyasamy, Principal delivered the welcome speech. Deputy Superintendent of Police Mr. Ramachandran gave a lecture to the students about prevention of corruption. NSS Program Coordinator Dr. G. S. Naganathan delivered the vote of thanks.



Department of Civil Engineering conducted Awareness Programme on “STARTUP” on 31.08.2023 through IIC Activity, YUKTI-NIR with the Resource Person as Dr. N. Karthikeyan , HOD/AIDS. The main aim of this Programme is to provide awareness for our students to know about the Startup and its need on this competitive world.



Our college conducted the Teachers Day celebration on 05.09.23. In this regard, Iniya Tamil Sangam and Literary and Fine Arts club of our college conducted competitions for the faculty members and students. The prizes were distributed to the Faculty members and students by our honourable Correspondent Dr. Chinnadurai Abdullah.



Iniya Tamil Sangam and LFA club of our college conducted the various competitions like Essay Writing, Elocution, Poem Writing, Short film Making, Slogan Writing, Poster Presentation and Drawing Competitions on the theme „Drug Awareness“ and „Vaikkam Protest“ on 05.09.23.



Department of Mechanical Engineering conducted “Engineers Day” Celebration on 15.09.23 for MechanicalEngineering students with the resource person as Er. K. K. Narendhran, Sr. Assistant Loco Pilot, SouthernRailway, Thiruchirapalli



Department of Mechanical Engineering conducted a seminar on “Solid Works (CAD/CAE)” and Hands - on training on 17.10.2023 & 18.10.2023 for Final year Mechanical Engineering students with the resource person as Er. A. Mohamed Aslam, AEC, Support Engineer.



Department of Electronics and Communication Engineering celebrated “Engineers Day” on 15.09.2023 and invited Ms. R. Thasbiga Banu, Software Developers, Smart Ladders Marketing Solutions as the resource person. Various competition like speech competition and quiz for students were conducted and prizes were distributed.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Cordially invite you for the
ENGINEER'S DAY CELEBRATION

DATE : 15.09.2023 **TIME : 01:30 P.M** **Venue : EEE SEMINAR HALL**

EVENTS

- SPEECH COMPETITION**
- QUIZ COMPETITION**

Welcome Address
Ms. P. AMULU EVANGALIN
IV ECE, Syed Ammal Engineering College

Presidential Address
Dr. M. PERIYASAMY, Ph.D
Principal, Syed Ammal Engineering College

Felicitation Address
Dr. G. MAHENDRAN, Ph.D
HOD-ECE, Syed Ammal Engineering College

Chief Guest Address
Ms. R. THASBIGA BANU, B.E
Alumna (2018-2022 Batch)
Software Developer, Smartladders Marketing Solutions (Chennai),
Dr. E.M. Abdulla Campus, Ramanathapuram.

Vote of Thanks
Mr. V. VIJAYAKUMAR
IV ECE, Syed Ammal Engineering College



Department of Electronics and Communication Engineering organized a Two Day Workshop on “Embedded 3D Printing Technology” on 22.09.2023 and 23.09.2023 for third & final year students. The resource persons were Mr. D. Manuel and Mr. A. Shiek Mohamed, Smart Makers Pvt. Ltd.



Department of Management Studies organized an orientation Programme for First year MBA students from 07.09.23 to 08.09.23.

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Anna University Approved Program Centers : B.E., B.Tech., MCA & M.Com
Dr. S. M. Anandhan, Chairman, Ramanathapuram - 623 002, Tamil Nadu.

**FIRST YEAR MBA
Orientation Programme**

Day 1 : Session Venue : EEE Seminar Hall

Topic : MBA @ SAEC
Date : 07.09.2023 | Time : 9.00 A.M.
Resource Person :
Dr. R. Meikanda Ganesh Kumar MBA., Ph.D.,
Professor & Head, MBA, SAEC, Ramanathapuram

Topic : Placement Opportunity for MBA
Date : 07.09.2023 | Time : 11.00 A.M.
Resource Person :
Prof. G. Arun Prasath ME.,
Placement Officer, SAEC, Ramanathapuram

Topic : Role of Library in Academic Progress
Date : 07.09.2023 | Time : 12.00 Noon
Resource Person :
Dr. V. Krishnan Ph.D.,
Librarian, SAEC, Ramanathapuram

Topic : Start-up Opportunities
Date : 07.09.2023 | Time : 1.30 P.M.
Resource Person :
Dr. N. Karthikeyan ME., Ph.D.,
Professor & Head, AI&DS, SAEC, Ramanathapuram

Topic : About NPTEL
Date : 07.09.2023 | Time : 2.30 P.M.
Resource Person :
Prof. Praveen Samuel Washburn ME.,
Assistant Professor, ECE, SAEC, Ramanathapuram

Topic : Team Building - Games
Date : 07.09.2023 | Time : 3.00 P.M.







Department of Management Studies organized a program on “Challenges in Women Entrepreneurship” at EEE seminar hall on 27.09.2023 for all PG and UG students with the resource persons as Mrs R.Vanathi Aaswa Technologies Rameshwaram, Mrs. R. Suganthi, Aqua Marine Products, Mrs. Snekalatha, Bass Cab Carez Ramanathapuram, Mrs. R Kavitha Navarathna, Small Millet Products, Panel discussion on challenges in women entrepreneurship. Students got more information about the real time challenges in women entrepreneurship.

SYED AMMAL ENGINEERING COLLEGE
Dr.E.M. Abdullah Campus, Ramanathapuram-623502

A Panel Discussion on
CHALLENGES IN WOMEN ENTREPRENEURSHIP

27 SEPTEMBER WEDNESDAY | Seminar Hall 10 A.M.

VANATHI R
AASWA TECHNOLOGIES, RAMESHWARAM

SUGANTHI R
AQUAMARINE PRODUCTS, PAMBAN

SNEKALATHA B
BASS CAR CAREZ, RAMANATHAPURAM

KAVITHA R
NAVARATHINA SMALL MILLET PRODUCTS, RAMANATHAPURAM

Organized by
DEPARTMENT OF MANAGEMENT STUDIES
ENTREPRENEURSHIP DEVELOPMENT CELL
Resource Partner
Syed Ammal Innovation and Incubation Council (A Section 8 Company)



Dr. G. S. Naganathan, Associate Professor, Department of EEE has received grant of rupees 7500/- for students project titled “Solar energy based smart lavatory leaning system” under student project scheme 2022-2023 from the Tamilnadu State Council for Science and Technology, Chennai – 600025.

FDP/Workshops/Webinars Attended

Sl. No.	Name of the Faculty	Designation and Department	Title of the FDP/Workshop/Webinars Attended	Duration	Venue
1.	P. Senthilkumar	AP/ MECH	Multiverse approach to Up skill Professionals in Contemporary Environment	21.08.2023 to 26.08.2023	SRM Madurai College for Engineering and Technology, Madurai
2.	P. Senthilkumar	AP/MECH	Industry 4.0 and its Application in Mechanical Engineering	24.07.2023 to 28.07.2023	SRM Madurai College for Engineering and Technology, Madurai
3.	R. Raja	AP/MECH	Preparation, Characterization, Testing of Metal Matrix Composites prepared through PM technique	26.08.023	SRM Madurai College for Engineering and Technology, Madurai
4.	R. Raja	AP/MECH	OBE - An Awareness Programme on NAAC & NBA	31.08.2023	Syed Ammal Engineering College Ramanathapuram

6.	C. Thirugnanam	AP/MECH	Multiverse Approach to Up skill Professionals in Contemporary Environment	21.08.2023 to 26.08.2023	SRM Madurai College for Engineering and Technology, Madurai	
7.	T. Dharmaprabhakaran	AP/MECH	Multiverse Approach to Up skill Professionals in Contemporary Environment	21.08.2023 to 26.08.2023	SRM Madurai College for Engineering and Technology, Madurai	
8.	T. Dharmaprabhakaran	AP/MECH	"ChatGPT: A Teaching and Learning Tool"	4.09.2023	National Institute of Technical Teachers Training And Research, Chennai	
9.	Dr. K. Jeyabalan	ASP/MBA	Effectiveness in Teaching Learning Process.	21.08.2023 to 26.08.2023	KG College of Arts and Science, Coimbatore	
10.	Dr. K. Jeyabalan	ASP/MBA	Entrepreneurship	17.07.2023 to 29.07.2023	Amirta Center of Entrepreneurship	
11.	Ms. R. Abarna	AP/MBA	Outcome Based Education , An Awareness Programme on NAAC & NBA	31.08.2023	Syed Ammal Engineering College, Ramanathapuram	
12.	Dr. G.S. Naganathan	AP/EEE	Electric Vehicle Technology	09.10.2023 to 13.10.2023.	Velammal College of Engineering And Technology, Madurai	
13.	Mrs. G. Rajeswari	AP/Civil	Recent Trends in Civil Engineering	17.07.2023 to 22.07.2023	Haldia Institute of Technology, Haldia, West Bengal	
			Review on Recent Research in Civil Engineering	10.07.2023 to 15.07.2023	Kallam Haranadhareddy Institute of Technology, New Delhi	
14.	Ms. T. Akshaya	AP/Civil	Recent Trends in Civil Engineering	17.07.2023 to 22.07.2023	Haldia Institute of Technology, Haldia, WestBengal	

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				Review on Recent Research in Civil Engineering	10.07.2023 to 15.07.2023	Kallam Haranadhareddy Institute of Technology, New Delhi
15.	Ms. J. Esther Baby	AP/Civil	Recent Trends in Civil Engineering	17.07.2023 to 22.07.2023	Haldia Institute Of Technology, Haldia, WestBengal	
			Review on Recent Research in Civil Engineering	10.07.2023 to 15.07.2023	Kallam Haranadhareddy Institute of Technology, New Delhi	
16.	Mr. G. Karunakaran	AP/Civil	Review on Recent Research in Civil Engineering	10.07.2023 to 15.07.2023	Kallam Haranadhareddy Institute of Technology, New Delhi	
17.	Mr. N. Saranraj	AP/Civil	Integrated Building Services	24.07.2023 to 29.07.2023	Thiyagaraja College of Engineering & Technology, Madurai	
18.	Mr. G. Manikandan	AP/Civil	Review on Recent Research in Civil Engineering	10.07.2023 to 15.07.2023	Kallam Haranadhareddy Institute of Technology, New Delhi	

FDP/Workshops/Webinars Organized

Sl.No	Name of the Resource Person	Designation and Department	Title of the FDP/Workshops/Webinars Organized	Duration	Venue
1.	Dr. V. D. Ambeth Kumar	ASP / CSE	Machine Learning & It's Applications	02.05.2023	EEE Seminar Hall
2.	Mr. B. JohnSamuel	AP /CSE	Advance Python	02.05.2023 To 05.05.2023	CAD Laboratory
3.	Mrs. S. Mugesh Bala	AP /CSE	QIC Online Exam	03.05.2023 To 05.05.2023	Main Laboratory

Papers Published

Sl.No	Name of the faculty	Designation and Department	Paper Title	Title of the Journal	Vol. No & Page	DOI
1.	Dr. S. Karthikeyan	Professor & Head/MECH	Design of Radial Flux Permanent Magnet Synchronous Generator as Wind Power Plant Using Finite Element Method	Taylor andFrancis	1-8	10.1080/15325008.2023.2181884
2.	Dr. S. Karthikeyan	Professor & Head/MECH	Developing a piezoelectric generator for military equipment- A feasibility study	Taylor andFrancis	1-19	10.1080/15325008.2023.2202680
3.	Dr. S. Karthikeyan	Professor & Head/MECH	An analysis of the design of a low rotational speed permanent magnet generator that uses radial flux	Taylor andFrancis	1-10	10.1080/15325008.2023.2215772
4.	Dr. S. Karthikeyan	Professor & Head/MECH	A novel MPPT method based on PSO and ABC algorithms for solar cell	Taylor and Francis	1-12	10.1080/15325008.2023.2228795
5.	Dr. S. Karthikeyan	Professor & Head/MECH	Design and testing of bidirectional DC-DC converters for emergency lighting	Taylor andFrancis	1-12	10.1080/15325008.2023.2230492

6.	Dr. S. Karthikeyan	Professor & Head/MECH	Pump insole with mini AC generator for emergency energy	Taylor and Francis	1-10	10.1080/15325008.2023.2246479
7.	Dr. S. Karthikeyan	Professor & Head/MECH	Environmental emission analysis of the engine using botryococcus braunii marine algae with CeO2 nanoparticle additives	Taylor and Francis	18-1	10.1080/17458080.2023.2220925
8.	Dr. S. Karthikeyan	Professor & Head/MECH	An investigation of characteristics of a diesel engine with low heat rejection fuelled by spirulina algae biodiesel	Indian Journal of Chemical Technology	30	10.56042/ijct.v30i6.4392
9.	Dr. S.M.H. Sithi Shameem Fathima	Professor/CSE	Walking Pattern Analysis using GAIT cycles and silhouettes for clinical applications	Elsevier	-	10.1016/j.jm.2023.100893

Conference Presentation/ Participation

Sl.No	Name of the faculty	Designation and Department	Paper Title	Conference Name
1.	Mr. T. Dharmaprabakaran	AP / Mech	Experimental Investigation using Secondary Fuels to Improve the Combustion Behavior of Compression Ignition Engine	International Conference on Emerging Trends in Engineering and Technology
2.	Dr. S. M. H. Sithi Shameem Fathima	Prof. / CSE	Cat Boosting Advanced Ensemble Machine Learning Techniques to Predict Heart Disease	Management Education and Emerging Technology

Resource Person/Invited Lectures / Chair Person

Sl.No	Name of the faculty	Designation and Department	Resource Person/Invited Lectures / Chair Person	Date	Programme Name
1	Dr. S.M.H Sithi Shameem Fathima	Professor / CSE	Resource person	08.09.2023	Women Empowerment

Student participation

Sl.No	Name of the Student	Year and Department	Programme & Venue	Date	Prize
1	M.Sriram, R.Santhosh Kumar, J.Nilesh Sai	III CSE	National Level Project contest, Velammal College of Engineering and Technology, Madurai	13-04-23	2 nd prize

S.No	Name of the Student	Year & Dept	Programme	Date	Venue
1.	J. Asfaq Ahamed	III ECE	IPT	17/7/23 to 23/7/23	Code bird Technologies
2.	J. Asfaq Ahamed	III ECE	IPT	17/7/23 to 23/7/23	Code bird Technologies
3.	P. Vickram	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
4.	S. Ruban	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
5.	P. Samaya prakash	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
6.	V. Vijayakumar	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
7.	M. Vijaya Ragavan	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
8.	V. Nitish Kumar	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
9.	M. Pavithra	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
10.	S. Mahasree	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
11.	N. Abinaya	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
12.	S. Priyadharshini	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
13.	S. Noorul Jasmine	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
14.	N. Shajana Sabreen	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
15.	P. Amulu Evangalin	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
16.	B. Rugi Nisha	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
17.	M. Manimozhi	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
18.	C. Avantika	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
19.	G. Snega	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
20.	H. Vinodhini	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
21.	M. Vaishali	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
22.	V. Priyadharshini	III ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
23.	A. Zafren Kareem	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi

24.	T. Prabhavati	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
25.	M. Kalidass	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
26.	K.S. Vishal	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
27.	M. Vinothini	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
28.	L. Srinithi	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
29.	M. Saravana Priya	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
30.	D. sanjay	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
31.	S. Santhiya	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
32.	M. Renuga	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
33.	S. Rashitha Almas	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
34.	N. Rajasri	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
35.	P. Priyadharshini	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
36.	A. Prithiha	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
37.	T. Nishanthini	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
38.	S. Navanitha	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
39.	T. Nambu janani	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
40.	S. Mohamed Yunus	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
41.	M. Mohammed Ihusan	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
42.	K. Meega	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
43.	A. Mahalakshmi	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
44.	R. Lathaprabha	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
45.	K. Krishnaveni	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
46.	I. Karthikayeni	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi
47.	K. Kamaleshwaran	II ECE	IPT	10/7/23 to 22/7/23	BSNL , Karaikudi

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Principal, Syed Ammal Engineering College.

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