

SYED AMMAL ENGINEERING COLLEGE

(An Autonomous Institution)



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

Accredited with 'A+' Grade by NAAC

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


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



Ph: 04567 - 222 234, Mobile : 94873 04000, 84893 04000, 87548 88877 | E-mail : office@syedengg.ac.in | Web : www.syedengg.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PROFILE

Name	: N.KARTHIKA DEVI	
Designation	: ASSISTANT PROFESSOR	
Contact Address	: Department of ECE, Syed Ammal Engineering College, Ramanathapuram – 623 502.	
Contact Mobile No.	: 9500805594	
Email id	: karthijanu4@syedengg.ac.in	
Areas of Interest	: Microprocessors and Microcontrollers, Embedded Systems, Linear Integrated Circuits, Digital Image Processing	

Qualification

- B.E. (Electronics and Communication Engineering)
- M.E. (Applied Electronics)
- Ph.D (pursuing)

Experience

- 18.06.2012 to 30.06.2012 : Lecturer –Syed Ammal Engineering College
- 01.07.2012 to Till date : Assistant Professor–Syed Ammal Engineering College

Details of Training Programme/ workshops organized

- Organized Two days Workshop on PCB Design and PCB Assembling Process using Digital Technology on 18-19 Jan 2019

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Details of Seminars/Conferences organized

- Organized Guest Lecture on Long Term Evolution by Resource Person Dr. A. Sivanantha Raja, Associate Professor, Alagappa Chettiar Govt. College of Engg. & Tech. on 04.03.2017.

Publications in Conferences:

- Participated International conference on recent computing and communication technologies on “Embedded system for Sea buoy to Locate, Detect and Collect data about Marine Systems” on 19th March 2016 at ST. Michael College of Engineering and Technology, Kalaiyarkovil
- Participated International Conference on “A new lossless compression method using Direction Adaptive-Discrete wavelet transform and Modified SPIHT coding” at Syed Ammal Engineering College

Publications in Journals:

- G. Mahendran, M. Periyasamy, S. Murugeswari, **N. Karthika Devi** “Analysis on retinal diseases using machine learning algorithms” Materials Today: Proceedings, DOI: 10.1016/j.matpr.2020.03.691

Details of Training Programme/ Workshops/ Conference Organized:

- Organized guest lecture on “ Long term Evolution” for the final year students handled by Dr A.Sivanantha Raja, HOD ECE Dept., Alagappa Chettiar College of Engineering and Technology, Karaikudi on 04.03.2017
- Organized Two days workshop on “PCB Design assembly processing using Digital technology” during 18-19 January 2019

FDP and WEBINAR attended:

SLNO	Academic year	Title of the programme	Venue	Date & days	Participated/Org
1	2013-14	FDP on Digital Communication	Anna University, Ramnad Campus	18.06.2013 to 24.06.2013 & 07	Participated
2		Training Programme on CADENCE TOOL	Syed Ammal Engineering College, Ramanathapuram	11.11.2013 to 12.11.2013 & 02	Participated

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3	2014-15	FDP on Communication Theory	Anna University, Ramnad Campus	12.12.2014 to 18.12.2014 & 07	Participated
4	2015-16	FDP on Linear Intergrated Circuits	KLN-IT ,Madurai	30.11.2015 to 06.12.2015& 07	Participated
5	2018-19	FDP on Verification and Testing of VLSI circuits using EDA Tools	Syed Ammal Engineering College, Ramanathapuram	01.11.2019 to 14.11.2019 & 14	Participated
6	2019-20	Webinar on THE FUTURE IS HERE	ICT Academy	27.04.2020 to 30.04.2020 & 04	Participated
7		webinar on The Power of A Teacher	ICT Academy	04.05.2020 & 01	Participated
8		Webinar on The Future of Education, Employment & Entrepreneurship	ICT Academy	04.05.2020 to 07.05.2020 & 04	Participated
9		Webinar on The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	11.05.2020 to 14.05.2020 & 04	Participated
10		Webinar on "Emerging Opportunities and Growth of ESDM Industry in India"	Easwari Engineering College	27.05.2020 & 01	Participated
11	2019-20	Webinar on Accelerating Industry 4.0 - A Post Covid Paradigm" Day 2 - Accelerating Industry 4.0 - A Learning & Development Perspective	ICT Academy	26.05.2020 & 01	Participated
12		Webinar on Accelerating Industry 4.0 - A Post Covid Paradigm" Day 3 - Impact of Artificial intelligence and cognitive computing, post covid 2019	ICT Academy	27.05.2020 & 01	Participated
13		Webinar on Accelerating Industry 4.0 - A Post Covid Paradigm" Day 4 - Discover the Diamond in You	ICT Academy	28.05.2020 & 01	Participated
14		Webinar on A Post Covid Paradigm" Day 5 - Catching the Cyber Virus	ICT Academy	29.05.2020 & 01	Participated
15		International Webinar on Multimode Antennas for Future Wireless Networks	SNS College of Technology	01.06.2020 & 01	Participated
16	2020-21	Online training of the IEEE Xplore Digital Library	Syed Ammal Engineering College, Ramanathapuram	02.06.2020 & 01	Participated
17		Webinar on Recent trends in Artificial Intelligence	Sri Ramakrishna institute of technology	16.06.2020 & 01	Participated
18		Webinar on Medical Applications of Digital Image Processing Technologies	Syed Ammal Engineering College	17.06.2020 & 01	Participated

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19		Webinar on Launching a Nanosatellite	GMR Institute of technology	18.06.2020 & 01	Participated
20		Webinar on Calculus: origin,basic concepts and applications in real life	Chennai institute of technology	19.06.2020 & 01	Participated
21		Webinar on Getting started with docker and amazon web services hands on training	Pallavi Engineering College	20.06.2020 & 01	Participated
22		Webinar on Electronic waste-emerging thread to the society	Syed Ammal Engineering College	26.06.2020 & 01	Participated
23		STTP on Recent trends in Data Science and Information Security	RamraoAdik Institute of Technology	22.06.2020 to 26.06.2020 & 05	Participated
24		Webinar on Career in Embedded Systems – An overview	Easwari Engineering College	29.06.2020 & 01	Participated
25		National webinar on Industrial IOT – 4.0 and Advanced Technologies	SanketikaVidyaParishad Engineering College	04.07.2020 & 01	Participated
26		Two weeks online course on MEMS	Saveetha Engineering College	22.06.2020 to 03.07.2020 & 14	Secured S grade
27		Webinar on signals and measurement in communication	Easwari Engineering College	04.07.2020 & 01	Participated
28		Webinar on Technologies behind social media advertising	Syed Ammal Engineering College	03.07.2020 & 01	Participated
29		Webinar on Learn form recognizer API with logic APP	SNS college of technology	13.07.2020 & 01	Participated
30		Two weeks online course on BioMEMS	Saveetha Engineering College	06.07.2020 to 17.07.2020 & 14	Secured S grade
31		Benefits of IEEE Membership	IEEE Madras Section	19.07.2020 & 01	Participated
32		STTP on EC8391: Control System Engineering	AMRITA college of engineering and technology	06.08.2020 to 12.08.2020 & 06	Participated
33		Online Live FDP on Creative Thinking	ICT Academy	16.03.2021 to 20.03.2021 & 05	Participated
34		Webinar on “Awareness of NBA” on at	Syed Ammal Engineering College	17.04.2021& 01	Participated
35	2021-2022	FDP on Internet of Things	Electronics and ICT Academy	24.01.2022 to 30.01.2022 & 06	Participated
36		FDP on Biomedical Instrumentation: Innovation Design and Development	ATAL Academy	31/01/2022 to 04/02/2022& 05	Participated
37	2022-2023	Acted as Mentor and attended FDP on “ Internet On Things”	Nan Mudhalvan Program	2022-2023 (Even)	Participated

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Patent Published:

S.No	Date	CBR.No/Application No/Dairy No	Patent Status with Date	Topic
1	23.02.2022	202241009503 A	Filed on 23.02.2022 Published on 04/03/2022	Detecting Face Mask And Dictating No Mask Customers TO wear It using Deep Learning Technique in shopping Mall