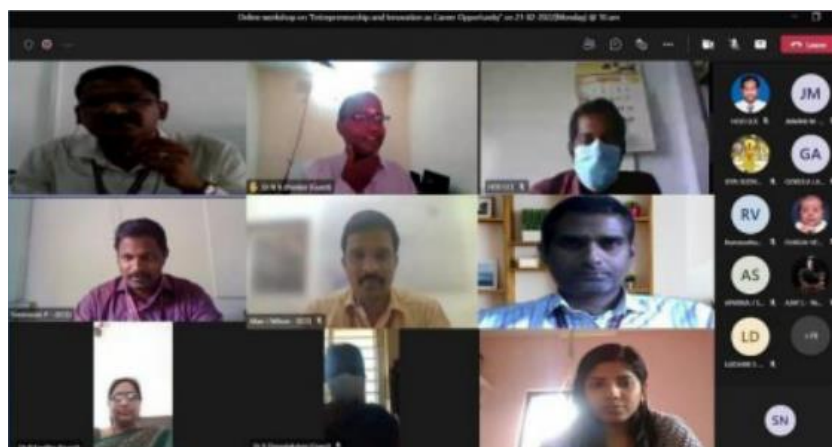


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NEWS LETTER

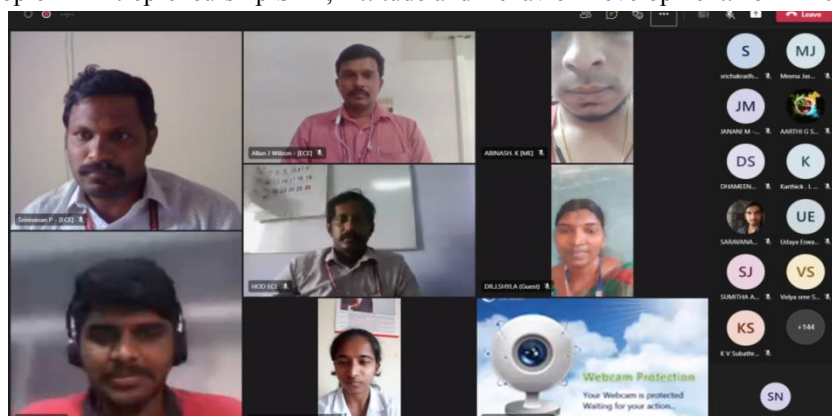
Guest Lecture Arranged:

- The Department of Electronics and Communication Engineering, Amrita Institution Innovation Council (AIIC), & Entrepreneurship development centre (EDC) in association with The Institution of engineers IE(I) organized an online motivational session on “Successful Entrepreneur” by the resource person Mr. Mohamed Nawaz, CEO, XYZ Robotics, Chennai on 27-01-2022.
- The Amrita Institution Innovation Council (AIIC) organized an Online Session on “My Story-Motivational Session by Successful Entrepreneur” by the resource person Mr. P. Srinivasan AP/ECE/ACET on 27-01-2022.
- The Amrita Institution Innovation Council (AIIC) organized an Online Session on ““Design Thinking, Critical thinking and Innovation Design” & “National Innovation and Startup Policy (NISP)- First Committee meeting” by the resource person Mr. P. Srinivasan AP/ECE/ACET on 31-01-2022.
- The Department of Electronics and Communication Engineering, Amrita Institution Innovation Council (AIIC), & Entrepreneurship development centre (EDC) in association with The Institution of engineers IE(I) organized an online workshop on “Entrepreneurship and Innovation as Career Opportunity” by the resource person Dr. N. R. Shanker, Director R&D, IQAC, Aalim Muhammed Salegh College of Engineering, Chennai on 21-02-2022.



Glimpse of the event

- The Department of Electronics and Communication Engineering, Amrita Institution Innovation Council (AIIC), & Entrepreneurship development centre (EDC) in association with The Institution of engineers IE(I) organized an online workshop on “Entrepreneurship Skill, Attitude and Behavior Development.” on 24-02-2022.



Glimpse of the event

- IETE Student’s forum (ISF) organized a Webinar on “Applications of Photonic Crystal Fibers” by the resource person Mrs. V. Anusooya AP/ECE/ACET on 25-02-2022.
- IETE Student’s forum (ISF) organized a Webinar on “Applications of Photonic Crystal Fibers” by the resource person Mrs. V. Anusooya AP/ECE/ACET on 25-02-2022.
- The Department of Electronics and Communication Engineering, Amrita Institution Innovation Council (AIIC), & Entrepreneurship development centre (EDC) in association with The Institution of engineers IE(I) organized an online Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL) and Commercializing of Lab Technologies & Tech-Transfer" Mr. Gautham Palaniswamy, CEO, Business Incubation confederation at Periyar University, Salem & Co-Founder - Kitzen Technologies LLP.on 25-02-2022.
- The Amrita Institution Innovation Council (AIIC) organized a Webinar on “Starting your Business” by the resource person Mr. P. Srinivasan AP/ECE/ACET on 09-03-2022.
- The Amrita Institution Innovation Council (AIIC) organized a Webinar on “How to Become an Entrepreneur” by the resource person Mr. P. Srinivasan AP/ECE/ACET on 14-03-2022.
- The Amrita Institution Innovation Council (AIIC) organized an “Internal Smart India Internal Hackathon 2022” on 18-03-2022.

Industrial Visit:

The Department of Electronics and Communication Engineering arranged an industrial visit to Keltron communication complex on April 04, 2022. Mr. Allan J Wilson, AP/ECE, Mr. D. Gnanakumar, and Mrs. A. S. Sarika, AP/ECE, AP/ECE accompany with them.



Industrial visit to keltron communication complex by III B.E ECE students

Students Achievements:

S. No.	Name of the Student	Class	Date	Event Name	Organizer Name
1	Ms. Anjana R Nair Ms. SK. Kanjana Ms. A. GokulaLakshmi Ms. N. Sudheshwari Ms. K. S. Nithya Darshini Mr. K. Naveen	III B.E ECE	18-03-2022	Smart India Internal Hackathon 2022	Amrita Institution Innovation Council (AIIC) & Dept. of CSE, ACET
2	Ms. J. P. Pavithra Ms. S. Thivini Ms. RS. Reshma Mr. S. T. Raamkrish Mr. Sharan Raj Mr. SuganthAjesh Kumar	IV B.E ECE			
3	Mr. L. G. Pragatheesh Mr. V. Deebak Mr. S. Niswin Mr. S. Sivakumar	I B.E ECE			

	Ms. TN. Monika Ms. S. Krishna Shivani				
4	Ms. Snigha Sankar	II B.E ECE			
5	Ms. G. V. Jeya Sudha	III B.E ECE			
6	Ms. Anjana R Nair Ms. S. K. Kanjana Ms. A. GokulaLakshmi	III B.E ECE	22-03-2022	Tamilnadu Student Innovators (TNSI)-2021	Entrepreneurship Development and Innovation Institute (EDII), Govt. of Tamilnadu, University College of Engineering, Nagercoil

Placement:

S. No.	Name of the Student	Class	Company name
1.	Mr. S. Ashik	IV B.E(ECE)	M/s Data patterns Pvt. Ltd, Chennai
2.	Mr. S. Ajuwin	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
3.	Mr. P. Ashwin	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
4.	Ms. S. Akshara	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
			M/s UST Global Pvt. Ltd, Trivandrum
5.	Ms. G. S.Anu Shruthi	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd,, Coimbatore
6.	Ms. B.S. Anugraka	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
			M/s Six Phrase Pvt. Ltd
7.	Ms. T. Lekshmi Suruthi	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
8.	Mr. R. Karan	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
9.	Mr. S. Siva Bharath	IV B.E(ECE)	M/s Focus Edumatics, Pvt. Ltd, Coimbatore
10.	Ms. G. Gokula	IV B.E ECE	M/s UST Global Pvt. Ltd, Trivandrum
11.	Mr. M. Sree Aravind	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
12.	Ms. A. Veena	IV B.E(ECE)	M/s Focus Edumatics Pvt. Ltd, Coimbatore
			M/s Face Prep Pvt. Ltd, Coimbatore
			M/s Six Phrase Pvt. Ltd,
13.	Ms. R. Ganithaa	IV B.E ECE	M/s Centrado Tech Solutions, Chennai
14.	Mr. K. P. Gurudeep	IV B.E ECE	M/s Capegemini Pvt. Ltd, Mumbai
15.	Mr. J. G.Krithick	IV B.E ECE	M/s Capegemini Pvt. Ltd, Mumbai
16.	Ms. A. P. Akshaya	IV B.E ECE	M/s UST Global Pvt. Ltd, Trivandrum
17.	Ms. S. Abirami	IV B.E ECE	M/s UST Global Pvt. Ltd, Trivandrum
18.	Mr. V. Therath	IV B.E ECE	M/s UST Global Pvt. Ltd, Trivandrum
19.	Mr. S. T.Raamkrish	IV B.E ECE	M/s Sri Mookambika Info Solutions, Madurai
20.	Ms. L. S. Livisha Devi	IV B.E ECE	M/s Ethnus Pvt. Ltd, Bangalore
			M/s Six Phrase Pvt. Ltd

21.	Ms. R. K. Nivethini	IV B.E ECE	M/s Six Phrase Pvt. Ltd
22.	Ms. T. Lekshmisruthi	IV B.E ECE	M/s Six Phrase Pvt. Ltd
23.	Ms. S. N. Poornalatha	IV B.E ECE	M/s Six Phrase Pvt. Ltd
24.	Ms. N. R. Kayathri Devi	IV B.E ECE	M/s Six Phrase Pvt. Ltd

Placement Training:

S. No.	Date	Class	Nature of the Training	Resource Person
1	17-03-22	II B.E ECE	Number System	Mr. K. Saran
2	23-03-22	II B.E ECE	Grade of Engineers in Industry	Mr. A. Rajendran
3	23-03-22	II B.E ECE	HCF	Mr. K. Saran
4	30-03-22	II B.E ECE	Leadership Qualities	Mr. A. Rajendran
5	31-03-22	II B.E ECE	LCM	Mr. K. Saran
6	21-03-22	III B.E ECE	Number System	
7	26-03-22	III B.E ECE	HCF	
8	28-03-22	III B.E ECE	LCM	
9	22-03-22	IV B.E ECE	Collecting the current progress of placement & Suggestion from Individuals for future activities	Mr. P. Srinivasan
10	23-03-22	IV B.E ECE	Java & C Programming test by Indiabix	
11	28-03-22	IV B.E ECE	Problems on Analytical Reasoning	
12	29-03-22	IV B.E ECE	Circular and Linear Arrangement Problems	
13	30-03-22	IV B.E ECE	Problems on Number & Alphabet Series	

Faculty Development Program (FDP) / Workshop/ Conference Attended by the faculty members:

S. No.	Name of the Faculty	Program Attended	Organizer Name and Address	Date
1.	Mr. A. Pon Bharath	Seminar on Art of Research Paper Writing	JCT College of Engineering and Technology, Coimbatore	08-01-2022
2.	Mr. V. Ramanathan	Online workshop on Simulation in Electrical Engineering	COMSOL MULTIPHYSICS	11-01-2022
3.	Mr. A. S. Sarika	Online workshop on Simulation in Electrical Engineering	COMSOL MULTIPHYSICS	11-01-2022
4.	Mr. D. Gnanakumar	FDP on The Trends of Research and Development of Electronics and Communication Area	ATAL, National Institute of Technology Manipur	17-01-2022 to 21-01-2022
5.	Mr. S. Arun	IIC Online session on My Story-Motivational Session by Successful Entrepreneur	ACET	27-01-2022
6.	Mr. Allan J Wilson	IIC Online session on My Story-Motivational Session by Successful Entrepreneur"	ACET	27-01-2022

		Online Workshop on Design Thinking, Critical thinking and Innovation Design	ACET	31-01-2022
7.	Mr. S. Arun	Online Workshop on Design Thinking, Critical thinking and Innovation Design	ACET	31-01-2022
8.	Mr. P. Srinivasan	E-Symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions	Ministry of Education, Govt. of India	11-01-2022 & 12-01-2022
9.	Mr. P. Srinivasan	One week Online International FDP on Recent Advances in Science and Technology Innovations	Department of Pharmaceutics, Vishnu Institute of Pharmaceutical Education & Research (VIPER), Narsapur, Telengana.	18-01-2022 to 22-01-2022
10.	Mr. P. Srinivasan	Online Session-MIC driven activity on Orientation Session on IIC 4.0 & Features	Ministry of Education, Govt. of India	24-01-2022
11.	Mr. P. Srinivasan	Online Interactive session on IIC 4.0 Q & A	Ministry of Education, Govt. of India	31-01-2022
12.	Mr. A. Rajendran	Online workshop on Simulation in Electrical Engineering	COMSOL MULTIPHYSICS	11-01-2022
13.	Mr. A. Rajendran	Webinar on Quantum Technology: Unlocking the Future	NTIPRIT-DoT, Ministry of Communications, Govt of India	27-01-2022
14.	Dr. S. V. Mahesh Kumar	FDP on Research Capabilities in FOG and EDGE Computing	Sri Sairam Institute of Technology, Chennai.	14-02-2022 to 18-02-2022
15.	Dr. A. S. Radhamani	FDP on IoT and Smart Systems	IIITDM, Jabalpur	14-02-2022 to 25-02-2022
16.	Mr. A. Pon Bharathi	FDP on Advancements on Antenna Technologies for future Applications	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	14-02-2022 to 19-02-2022
17.	Mr. Allan J Wilson	FDP on Advancements on Antenna Technologies for future Applications	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	14-02-2022 to 19-02-2022
18.	Mr. V. Ramanathan	Webinar on Nano-Photonics based Antenna and sensor development	SSN College of Engineering, Chennai	26-02-2022
19.	Mrs. V. Anusooya	FDP on Research capabilities in FOG and EDGE Computing	Sri Sairam Institute of Technology, Chennai.	14-02-2022 to 18-02-2022
20.	Mr. D. Gnanakumar	FDP on Oracle Java Programming	Oracle Academy	08-02-2022 to 14-06-2022
21.	Mr. D. Gnanakumar	IETE Webinar on Application of Photonic Crystal Fibers	Amrita College of Engineering and Technology, Nagercoil.	25-02-2022
22.	Mr. A. Pon Bharathi	FDP on Biomedical Image Processing Issues, Challenges & Techniques	JCT College of Engineering and Technology, Coimbatore	28-02-2022 to 04-03-2022

23.	Mr. P. Srinivasan	FDP on Recent Advancements in Sustainable Development through Renewable Energy Systems	Electrical Engineering Department, Engineering College, Bikaner (Rajasthan)	07-03-2022 to 16-03-2022
24.	Dr. G. Kannan	Workshop on Starting your Business	Entrepreneurship Development Cell, ACET	09-03-2022
25.	Dr. A. S.Radhamani	Seminar on The Art of Drone Technologies	BVICAM, New Delhi	12-03-2022
26.	Dr. A. S.Radhamani	Seminar on Randomization Based Deep and Shallow Learning for Classification on 19 March, 2022	BVICAM, New Delhi	19-03-2022
27.	Mr. A. Pon Bharathi	Webinar on Overview of Research Practices and Innovations	JCT College of Engineering and Technology, Coimbatore	31-03-2022

Publication by the faculty members in Conference/ Journal:

1. Dr. S. V. Mahesh Kumar has published a paper entitled 'FR-4 based Single-Element Rectangular Microstrip Patch Antenna for ISM Band Applications', in IEEE International Conference on "Smart Technologies and Systems for Next Generation Computing" (ICSTSN 2022), IFET College of Engineering, Villupuram, Tamilnadu, India.
2. Mr. A. Pon Bharathi and Mr. Allan J Wilson have published a paper entitled 'Temperature monitoring mechanism for covid-19 using WSN' in 8th International Conference on Advanced Computing and Communication Systems (ICACCS).
3. Mrs. V. Anusooya, S. Ponmalar, M. S. K. Manikandan, 2022, 'Photonic-crystal-based design and FDTD simulation of all-optical NAND and NOR gates with improved contrast ratio', IOP Publishing Astro Ltd., Laser Physics, 32, 1, 016202 (8pp), 2022. <https://doi.org/10.1088/1555-6611/ac3514>, Impact Factor: 1.366.

Book Publication:

1. Mr. A. Pon Bharathi has published a book entitled "A Study on Various Particle Swarm Optimization Techniques used in Current Scenario", by REST Publisher, 2022. ISBN 978-81-948459-3-5.
2. Mr. Allan J Wilson has published a book entitled "A Review on Memetic Algorithms and Its Developments", by Electrical and Automation Engineering Vol: 1(1), REST Publisher, 2022. ISBN 978-81-956353-5-1.

Staff Achievements:

S. No.	Name of the Faculty	Type of Grant	Funding Agency	Date	Amount Granted
1	Mrs. A. S. Sarika	Establishing Women Empowerment Centre	ICT Academy	28-03-2022	Rs. 50000

Guest Lecture Delivered:

1. Dr. Mahesh Kumar S. V. served as a Resource person for Session-5 (conducted on 26-02-2022) of the Five-Days online FDP "Applications of Machine Learning in Healthcare Technology" organized by the Narayana Engineering College (Autonomous), Nellore.

ECE Department Newsletter Coordinator

Head of the Department/ ECE