



SETHU INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC

Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai

PULLOOR - 626 115, KARIAPATTI (TK), VIRUDHUNAGAR DISTRICT.

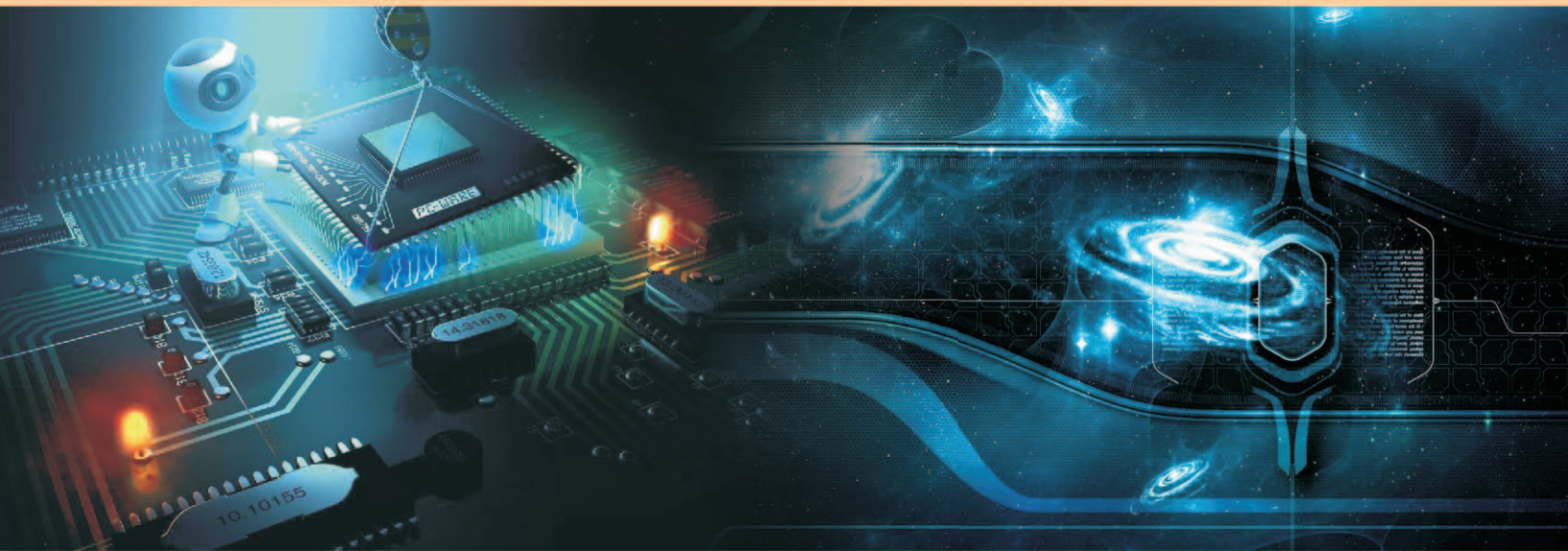
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



SOECE

Newsletter

2021-2022



Editorial
Board

Faculty Members

Dr.A.Merline, Prof & Dean/ECE
Dr.M.Parisa Beham , Prof & HOD/ECE
Dr. M. Pandimadevi, Asst. Prof. (S. G)/ECE
Ms. K..Shanmuga Priya, Asst. Prof./ECE

Student Members

Mr.S.Devakumar, IV ECE
Ms.U.Anis Fathima,IV ECE
Ms.M.Sara, IV ECE
Ms.S.Sahana, II ECE

VISION AND MISSION OF THE INSTITUTE

INSTITUTE VISION:

To promote excellence in technical education and scientific research for the benefit of the society

INSTITUTE MISSION:

- To provide quality technical education to fulfill the aspiration of the student and to meet the needs of the Industry.
- To provide holistic learning ambience.
- To impart skills leading to employability and entrepreneurship.
- To establish effective linkage with industries.
- To promote Research and Development activities.
- To offer services for the development of society through education and technology.

VISION AND MISSION OF THE DEPARTMENT

DEPARTMENT VISION:

To achieve excellence in education and research in the field of Electronics and Communication Engineering for the development of society

DEPARTMENT MISSION:

- Imparting quality technical education in Electronics and Communication Engineering through contemporary laboratory facilities and accomplished faculty to cater to the needs of the industry.
- Providing a conducive learning environment through the state of the art infrastructure and innovative teaching learning practices.
- Infusing the professional skills needed for employability and entrepreneurship.
- Collaborating with industries for mutual benefit of knowledge transfer.
- Promoting research in Electronics and Communication Engineering.
- Providing services to the society through extension activities and technology enabled services.

PROGRAMS ORGANIZED



Guest Lecture on “Opportunities in Robotics”, was conducted on 10.03.2022. Mr.Ajmeer Kaja Mohideen, Advisory,Tarcin Robotic LLP, Madurai delivered the lecture .



Ms.Jebashini Ponnian, Lecturere/EEE department, Infrastructure University, Malaysia delivered Guest Lecture on “Recent Trends in IC chip design” to the faculty members on 27.04.2022.



Guest Lecture on “Career Opportunities in IT ”, was conducted on 08.04.2022. 2015-19 batch Alumni Ms.Samley, Technical Analyst/ TCS, Chennai delivered the lecture .



One day Seminar in association with The Institution of Engineers(India),Madurai Local centre on ,”Smart Antennas for 5G applications”, were conducted on 20.05.2022.Dr.G.Krishnaveni,Assistant Professor/ECE,P.T.R college of engineering & Technology,Madurai was delivered one of the technical sessions of the seminar program.

INTERNATIONAL CONFERENCE-ETICT'22



An International conference on, "Emerging Trends in Information and Communication Technologies-ETICT'22" was organized on 28.05.2022 & 2.05.2022. Ms.Jebashini Ponnian, Lecturere/EEE department, Infrastructure University, Malaysia inaugurated the conference and delivered the inaugural address. More than 100 participants presented their papers.

INTRA COLLEGE SYMPOSIUM – “ELECTROCOGNIZANCE- 2K21”

The Department of Electronics and Communication Engineering have organized “ELECTROCOGNIZANCE– 2K21” an Intra-Departmental Symposium on 23.12.2021, (Thursday) at Sethu Institute of Technology. The Technical ,Non-Technical and Sports events such as Paper presentation, quiz, selfie contest, Code Debugging/Eccentric Arts, Cricket etc., were conducted for students in college level from 13.11.21 to 17.11.2021. The activities are aimed at those who work in different of areas. These activities have been found to enable the development of leadership and teamwork qualities among students. Students are encouraged to achieve in both academics and extracurricular activities as part of the competition.



Mrs. V.Sumithra, Junior Telecom Officer ,BSNL, Madurai, was the Chief Guest and has distributed the prizes to the winners of various events. During her speech she motivated the students to learn the things from their failures, which are temporary, but they are the stepping stones of victory in future. Totally 350 students from II,III and IV years participated in various events of this symposium. Among them 120 students got prizes in technical and non-technical event.

List of Events conducted by
“ELECTROCOGNIZANCE-2K21”

Technical and Non-Technical Events:

1. Code Debugging
2. Component Identification
3. Research and Speak
4. Crossword
5. Eccentric Arts
6. Quiz
7. Fireless cooking
8. Paper Presentation on Trending Technologies
9. Connection
10. Rangoli
11. Rapid fire
12. Cricket



LIST OF PROGRAMS ORGANIZED DURING 2021-22

- Webinar on,” **Image Processing practice using python open CV**”, was organized on 02.07.2021. Dr.T. Vijayanandh, Ap(SG)/ECE, National Engineering College, Kovilpatti handled the technical session of the webinar.
- Webinar on,” **Regression Analysis using Python**”, was organized on 06.07.2021. Dr. T.Palaniappan, Associate Professor, Dr,Mahalingam College, Pollachi handled the technical session of the webinar.
- Webinar on,” **Revolution in Modern Electronics Industry**”, was organized on 08.07.2021. Dr.P.Karuppasamy, Professor/ECE, P.S.R. Engineering, Sivakasi handled the technical session of the webinar.
- Webinar on,” **Cyber Breaches and Safe Computing**”, was organized on 14.07.2021. M.Satheesh Kumar, AP/ECE, NEC, Kovilpatti handled the technical session of the webinar.
- Webinar on,” **How fresher can opt for higher studies in foreign countries**”, was organized on 11.08.2021. Mr.Aladi Arun, CEO, AK Consultants, Madurai handled the technical session of the webinar.
- Webinar on,” **Opportunities for Pursuing MBA**”, was organized on 12.08.2021. Mr.Promod Joseph, Director, Starets Academy, Madurai handled the technical session of the webinar.
- Webinar on,” **TNPSC Group 1 and 2 services for engineering graduates**”, was organized on 13.08.2021. Mr.Matheswaran and Mr. Ramar Director and Joint director, Inspire IAS Academy, Madurai handled the technical session of the webinar.
- Workshop on ,”**Antenna design using CST**”,was organized on 28.10.2021. Dr.N.R.Indira, Associate Professor/ECE & Mrs.M.Pandimadevi, AP/ECE handled the sessions of the workshop.
- Webinar on,” **Introduction on EMI/EMC**”, was organized on 04.03.2022. Mr.A.Gobinath,AP/IT,Velammal College of Engineering & Technology ,Madurai handled the technical session of the webinar.
- Guest Lecture on “**Opportunities in Robotics**”, was conducted on 10.03.2022. Mr.Ajmeer Kaja Mohideen, Advisory,Tarcin Robotic LLP, Madurai delivered the lecture .
- Guest Lecture on “**Career Opportunities in IT**”, was conducted on 08.04.2022. 2015-19 batch Alumni Ms.Samley, Technical Analyst/ TCS, Chennai delivered the lecture .
- Guest Lecture on “**Recent Trends in IC chip design**”, was conducted on 27.04.2022. Ms.Jebashini Ponnian, Lecturer/EEE department, Infrastructure University, Malaysia delivered the guest lecture to the ECE faculty members.
- Webinar on,” **Agripreneurship opportunities**”, was organized on 06.05.2022. Mr.Mahesh Mahado Kadam, Manager,Marketing and Communication,NIAM Agri Incubator (NABI),CCS National Institute of Agricultural Marketing,Jaipur handled the technical session of the webinar.

- One day Seminar in association with The Institution of Engineers (India), Madurai Local centre on ,”**Smart Antennas for 5G applications**”, were conducted on 20.05.2022. Dr.G.Krishnaveni, Assistant Professor/ECE, P.T.R college of engineering & Technology, Madurai , Dr.S.Kannadhasan, Assistant Professor/ECE, Cheran College of Engineering, Karur, Dr.T.R.Muthu, Assistant Professor(S.G)/ECE, K.L.N. College of Engineering, Madurai, Dr.P.G.Akila, Assistant Professor/ECE, PSNA College of Engineering were delivered the technical sessions of the seminar program.

JOURNAL PUBLICATIONS BY FACULTY

- **Dr.M. Sheik Dawood**, Ms.S. Sakena Benazer, **Dr.R. Karthick**, Mr.R. Senthil Ganesh and Ms.S. Sugirtha Mary,”**Performance analysis of efficient video transmission using EvalSVC, EvalVid-NT, EvalVid**” ,Materials Today: Proceedings, Volume 46, Part 9, 2021,Pages 3848-3850,ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2021.02.287>.
- Dr.R. Karthick, Ms.Meenalochini Pandi,Dr.M. Sheik Dawood, Mr.A. Manoj Prabaharan and Mr.P. Selvaprassanth,” ADHAAR: A reliable Data Hiding techniques with (NNP2) Algorithmic Approach using X-ray images”, 3C Technology. Special Edition/Special Issue – November/November 2021.
- Sivabharathy, M., Lenin, N., Kanna, R. R., **Sheik Dawood, M.**, & Senthilkumar, A.,” **Effect on lotus leaf for dielectric applications**”, Materials Today: Proceedings,2021. doi:10.1016/j.matpr.2021.08.224.
- S. Nazarath Begam, A. Ayeshamariam, **M. Sheik Dawood**, S. H. Mohamed Ameen, M. Sivabharathy,”**Study on Second and Third Order Nonlinear Optical Properties of Triglycine Sulpho Succinate Single Crystals**”, Annals of the Romanian Society for Cell Biology, 1549–1561,2021.
- Uma Maheswari Pandyan, Banumathi Arumugam, Ulaganathan Gurunathan, **Shahul Hameed KA**,” **Automatic localization of inferior alveolar nerve canal in panoramic dental images**”, Signal, Image and Video Processing, Springer London, pp:1-9,2022.
- **M Sheik Dawood**, S Sakena Benazer, N Nanthini, **R Devika, R Karthick**,” **Design of rectenna for wireless sensor networks**”, Materials Today: Proceedings- Elsevier, pp:2912-2915,2021.
- **T Ruba, R Tamilselvi, M Parisa Beham**,” **Brain tumor segmentation in multimodal MRI images using novel LSIS operator and deep learning**”, Journal of Ambient

PAPERS PRESENTED BY FACULTY IN NATIONAL/INTERNATIONAL CONFERENCES

- **Mrs.M.Pandimadevi, Dr.R.Tamilselvi and Dr.M.Parisa Beham** presented a paper titled," **Lumped Network Equivalent Circuit Model Analysis of Meander Line Antenna**", NCOCS-2021 NIT Puducherry, Karaikal on 18.12.2021.
- **Dr.R.Tamilselvi and Dr.M.Parisa Beham** presented a paper titled "Development of Neonatal Device for fetal care", in ICVGIP –2021 organized at IIT, Jodhpur on December, 2021.
- **Dr.R.Tamilselvi and Dr.M.Parisa Beham** presented a paper titled "**Novel Digital filter design for Noise removal in Fetal ECG signals**", in ICTSGS-2021 on 29-30 November,2021.

FDP / WORKSHOP / SEMINAR PROGRAMS ATTENDED BY FACULTY

- Mr.S.Selvakumar attended webinar on ," **How to Write Funding Proposal**" on 3.07.2021 organized by Sethu Institute of Technology, Kariapatti.
- Mr.A.Nagaraj attended 2 week FDP on," **Emerging Trends in Renewable Energy and Green Technology**" from 21.06.2021 to 02.07.2021, organized by Easwari Engineering College, Chennai.
- Mr.S.Selvakumar, Mr.A.Nagaraj, Mr.P.Selvaprasanth and Mr. Mr.P.Manoj Prabhakaran attended webinar on ,"**Next Generation Fuel-Hydrogen**" on 30.06.2021, organized by Sethu Institute of Technology, Kariapatti.
- Mr.A.Nagaraj attended 5 days ATAL FDP on," **Internet of things an emerging technology in electronics industry**" from 19.07.2021 to 23.07.2021.
- Mr.A.Nagaraj attended 5 days ATAL FDP on," **Medical Image Processing and 3D Applications**" from 05.07.2021 to 09.07.2021.
- Dr.R.Tamilselvi and Mr.A.Nagaraj attended one month FDP on," **Innovation Ambassador Training**" from 19.07.2021 to 23.07.2021.
- Ms.R.Devika attended 5 days ATAL FDP on," **Creating Innovation and Startups with Internet of Things**" from 07.06.2021 to 11.06.2021.
- Ms.M.Pandimadevi attended Tamilnadu State Government sponsored FDP on "**Microwave Engineering**", A.C College of Engineering and Technology,Karaikudi, from 02.08.2021 to 06.08.2021.
- Ms.M.Pandimadevi attended One week Short term course on "**Emerging Trends in Antenna design for RF-Energy Harvesting Circuit**" NIT,New Delhi, from 03.01.2022 to 08.01.2022.

- Ms.M.Pandimadevi, Ms.G.Ramupriya, Ms.R.Devika, Ms.A.Shakin Banu and Dr.M.Fathu Nisha attended webinar on ,” **Recent Trends and Scope in Image Processing Applications**”on 05.03.2022.
- Ms.M.Pandimadevi, Ms.G.Ramupriya, Ms.A.Shakin Banu, Dr.R.Karthick, Mr.Manoj Prabhakaran, Mr.S.Selvakumar,Mr.P.Selva Prasanth & Mr.A.Sathyanathan attended 1 week STTP on “**Emotional Intelligence**” organized by NITTTR, Bhopal from 07.02.2022 to 11.02.2022.
- Mr.R.Abdul Sikkandhar, Ms.P.Deepa, Ms.R.Devika, Mr.A.Nagaraj, Mr.A.Sathyanathan &Ms.T.Ruba attended 1 week STTP on “**Research Paper And Proposal Writing For Science And Engineering**” organized by NITTTR, Bhopal from 31.01.2022 to 04.02.2022.
- **Dr.N.R.Indira, Mr.D.John Pragasam, Mr.B.Michael Vinoline Rinoj, Ms.N.Kaniamudham, Ms.P Murugeshwari** attended 1 week STTP on “**Design of Laboratory framework**” organized by NITTTR, Bhopal from 14.02.2022 to 18.02.2022.

SKILL DEVELOPMENT PROGRAMMES ORGANIZED FOR OTHER COLLEGE / SCHOOL STUDENTS / STAFF MEMBERS

Sl. No.	Name of the Programme	Date	Details of Beneficiary	No. participated
1.	Awareness Program on Innovation to School Students	28.12.2021	SEV Matric Higher Secondary School, Madurai	37
2.	Awareness Program on Environmental Safety and sanitation & Hygiene for Women	30.12.2021	Samathuvapuram, Kalkuruchi	50
3	Webinar on “ How to Write Funding Proposal? ”	03.07.2021	Students and staff of other college	60
4	Webinar on the topic " Journal Indexing and Metrics Calculation"	17.07.2021	Students and staff of other college	100

FACULTY ACHIEVEMENTS

S.No	Date	Name of the faculty	Award/Achievement	Name of the Programme
1.	08.09.2021	Dr.M.Parisa Beham & Dr.R.Tamilselvi	Received a grant of Rs.2,00,000 in for their project Noninvasive fetal stress monitoring Device - WEECARE at Entrepreneurship Development and Innovation Institute	EDII Innovation Voucher Programme
2.	1.03.2022	Dr.M.Parisa Beham, Dr.R.Tamilselvi & Mr.A.Nagaraj	Received a grant of Rs.1,00,000 for their project Liquid Waste Management at Gandhigram University,SEG.	Unnat Bharath Abiyan
3.	23.04.2022	Dr.A.Merline, Dr.M.Parisa Beham & Dr.R.Tamilselvi	Received a grant of Rs.25,00,000 for their project E -cotton A smart device for early detection of cotton diseases	RKV-RAFTAAR, NIAM,Jaipur



PARTICIPATION IN PROJECT CONTEST BY STUDENTS



Our students team **Mr.S.Manobala and Mr.M.Manoj**, Third year/ECE, winning a grant **of Rs.1,00,000** for their project “**Femcare**” in the student innovation contest **TNSI 2021** at the **Final pitching** held at TAG Auditorium, College of Engineering, Anna University, Chennai under the guidance of **Dr.R.Tamilselvi and Dr.M.Parisa Beham**.



Our students team **Mr.S.Manobala and Mr.M.Manoj**, Third year/ECE, received **H-Social Creator 2021** award for their idea in Healthcare – **Femcare: Wearable Prenatal Monitoring Device** organized by 'Hyundai Motor India's CSR arm Hyundai Motor India Foundation'. The project mentors are **Dr.R.Tamilselvi, Prof / ECE** and **Dr.M.Parisa Beham, Prof/ECE**.



Our students team **Mr.S.Manobala and Mr.M.Manoj**, Third year ECE, Department of ECE won first prize in **ELECTROBLITZ** prototthan contest in 2022 for their idea in Healthcare – **Femcare: Wearable Prenatal Monitoring Device** under the guidance of **Dr.R.Tamilselvi, Prof / ECE** and **Dr.M.Parisa Beham, Prof/ECE**.

LIST OF STUDENTS PARTICIPATION IN INNOVATION CONTEST

S.No.	Name of the Students	Year	Title of the Project	Position held/ Participation	Name of the Project Contest
1.	S.Manobala	III	Automatic Air inflation system	III	Arambam 2021 Design contest
2.	S.Manobala U.N.Jegan & M.Manoj	III	Femcare: Wearable Prenatal Monitoring Device	I	ELECTROBLITZ protothan contest , Bangalore
3.	S.Manobala U.N.Jegan & M.Manoj	III	Femcare	Received a grant of Rs. 1,00,000	Student Innovators contest TNSI 2021 at Final Pitching, Anna University ,Chennai
4.	S.Manobala & M.Manoj	III	Femcare: Wearable Prenatal Monitoring Device	H-Social Creator 2021 award	H-Social Creator Award 2021 organized by 'Hyundai Motor India's CSR arm Hyundai Motor India Foundation'
5.	S.Manobala U.N.Jegan M.Manoj	III	Air Inflation system	Received a seed amount of Rs.20,000 for prototype design	Atal Community innovation centre - Kalasalingam Innovation foundation Ideathon contest
6.	R.Jeyapriya & R.Madhumitha	IV & III	Automatic blood group detection using Image processing techniques	Received a seed amount of Rs.20,000 for prototype design	Atal Community innovation centre - Kalasalingam Innovation foundation Ideathon contest
7.	M.R.Gayathri, K.R.Pranav Kumar & B.Mohamed Shakin	IV	Scare Gun	Selected for the TNSI Bootcamp from Madurai camp	
8.	S.Manobala U.N.Jegan M.Manoj	III	FEM CARE		

CO-CURRICULAR ACTIVITIES BY STUDENTS

S.No	Date	Name of The Student	Year	Title	Position /Participati on	Venue
1.	10.11.2021 - 11.11.2021	Arunkumar M	III	Debate	I	EXITO 2K21,Department of Biomedical Engineering, Sethu Institute of Technology.
2.	10.11.2021 - 11.11.2021	Arunprakash R	III	Meme creation	I	EXITO 2K21,Department of Biomedical Engineering, Sethu Institute of Technology.
3.	10.11.2021 - 11.11.2021	Arunprakash R	III	Technical Quiz	Participated	EXITO 2K21,Department of Biomedical Engineering, Sethu Institute of Technology.
4.	10.11.2021 - 11.11.2021	Dhana Jebas T	III	Think & Link	I	EXITO 2K21,Department of Biomedical Engineering, Sethu Institute of Technology.
5.	10.11.2021 - 11.11.2021	Dhana Jebas T	III	Treasure Hunt	I	EXITO 2K21,Department of Biomedical Engineering, Sethu Institute of Technology.

6.	10.11.2021 - 11.11.2021	Dharshan S	III	Think & Link	I	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
7.	10.11.2021 - 11.11.2021	Dharshan S	III	Treasure Hunt	I	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
8.	10.11.2021 - 11.11.2021	Venkatesh R	III	Think & Link	II	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
9.	10.11.2021 - 11.11.2021	Sheik Abdulla A	III	Think & Link	Participated	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
10.	10.11.2021 - 11.11.2021	Veena V R	III	Fireless cooking	I	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
11.	10.11.2021 - 11.11.2021	Veerasakthi P	III	Just a minute	Participated	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
12.	10.11.2021 - 11.11.2021	Siva Sariha K	IV	Technical Quiz	Participated	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.

13.	10.11.2021 - 11.11.2021	Safreen Begum U S	IV	Meme creation	Participated	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
14.	10.11.2021 - 11.11.2021	Suriyakamali M	IV	Meme creation	Participated	EXITO 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
15.	30.04.2021 - 01.05.2021	Tamilbharathi S	III	Meme creation	Participated	E-SYMPOSIUM-ABILITA 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.
16.	30.04.2021 - 01.05.2021	Tamilbharathi S	III	Quiz	Participated	E-SYMPOSIUM-ABILITA 2K21, Department of Biomedical Engineering, Sethu Institute of Technology.



WEBINARS/WORKSHOP ATTENDED BY STUDENTS

S.NO	DATE	NAME OF THE STUDENT	YEAR	TITLE
1	28.10.2021	Sheik Abdulla A	III	Antenna Design Using CST
2		Umayanandhini M		
3		Venkatesh S		
4	26.6.2021	Sheik Abdulla A	III	Adoption Of Cloud Technology In MnCs
5	9.6.2021			Transmission Lines And Field Theory
6	5.06.2021			Class J Mode Power Amplifier For 5g Smart Meter
7	6.7.2021			Regression Analysis Using Python
8	26.6.2021	Ram Prasath J	III	Adoption Of Cloud Technology In MnCs
9	9.6.2021			Transmission Lines And Field Theory
10	6.7.2021			Regression Analysis Using Python
11	5.06.2021			Class J Mode Power Amplifier For 5g Smart Meter
12	16.7.2021			Research Avenues In Antenna Designs
13	28.7.2021	Kamali S	III	Machine Learning In Communication And Network

14	5.12.2021	Brindha A	III	Automation On Home Appliances Using Embedded Systems
15	28.10.2021			Antenna Design Using CST
16	28.7.2021			Machine Learning In Communication And Network
17	28.10.2021	Harshini S	III	Antenna Design Using CST
18	17.07.2021	Manoj Kannan K	III	Journal indexing and metrics calculation
19		John Peter Y	IV	
20		John Peter Y	IV	
21		Mohamed Alavudeen M	III	
22		Muthudivya M	III	
23		Gokula Krishnan A	IV	
24		Guzuludeva E	IV	
25	20.05.2022	Krishnapriya V S	III	Smart antennas for 5G applications
26		Mohammed Faizal A	III	
27		Akshaya K	II	
28		Alagu Ajitha C	II	
29		Anton Kingsley I J	II	
30		Arunraj S	II	

EXTRA CURRICULAR ACTIVITIES BY STUDENTS



Mr.S.Veera Manikandan, I ECE featured in India Book of Records Publications,2023 for the performance of holding Vajrasana Yoga Pose for 1hour,10minutes and 4 seconds

Ms. S.A.Sneha & Ms.V.Rajee IV,ECE won Gold medal in Throw ball event in YSPAA National Championship 2022,Thanjavur



Our ECE students won I prize in Throw ball event in 3-day Mega Sports Festival Intercollegiate meet conducted by R.L.Institute of Management studies

EXTRA CURRICULAR ACTIVITIES BY STUDENTS



Students participated in KHO-KHO event at YSPA competition 2022



Mr.S.Veera Manikandan, I ECE Won Gold medal in Athletics 10000m event at YSPA National Championship 2022,Goa

Selvan Rithik sarathy from III ECE got III place in YSPA State championship in Javelin throw event.



PLACEMENT DETAILS

S.No	Name of The Student	Company
1.	Jancy Angel M	CTS
2.	Anish Sulthana T	
3.	Ravin P	
4.	Keerthana V	
5.	Mohamed Hazzali M	
6.	Ulageshini S	
7.	Sharmila S	
8.	Samson S	
9.	Sakthi Kumar M	
10.	Santhosh M	
11.	Santhana Karthick G	
12.	Samson S	TCS
13.	Sharmila S	
14.	Mohamed Hazzali M	
15.	Riyash Ahamed S	
16.	Hema S	Amphi Soft
17.	Beninal B	
18.	Dinesh Kumar S M	DISYS
19.	Raja Prabhu V	
20.	Ravin P	Wipro
21.	Jancy Angel M	
22.	Mohamed Hazzali M	
23.	Nandha Vignesh S	
24.	Kishore Kumar A	
25.	Samson S	
26.	Nandhineeswari S	Nu Technologies
27.	Bharkavi Sandhiya M	
28.	Santhosh M	ZOHO
29.	Vishnu Vardhan B J	Soft Square
30.	Solaimani S	Sasken Technologies
31.	Pranauramanamani A R	Chella Software
32.	Ronald Reegan T	
33.	Sivarishi Karthick K	Excelacom
34.	Ramji V	
35.	Meenapriya K	
36.	Kirupasri S	SACL
37.	Madhumithra B	
38.	Ramesh M	
39.	Ram Kumar A V	
40.	Sasidhara Prabu G	
41.	Sona M	
42.	Pradeepa L	KANINI
43.	Lenin Prasanna M G	
44.	Sathya Priya A	
45.	Madhana Gopal S	Q Spider,Suresoft
46.	Padmapriya P	Infosys,Q Spider, Hitech Calibration
47.	Abdur Rahman S	Thirdware
48.	Atchaya B	
49.	Madhana Gopal	Suresoft
50.	Badhri V M S	Ruah Tech Solutions
51.	Suryakumar P R	Venzo Technologies Pvt Ltd
52.	Riyas Ahamed S	TCS
53.	Siva C	Innodha Technology
54.	Ramji V	Capegemini

S.No	Name of The Student	Company
55.	Barakathul Fathima	Capegemini
56.	Kishore Kumar A	Wipro
57.	Sathish Kumar K	Stoics-It
58.	Mullai Vendhan G K	Wipro
59.	Naveen Kumar C	Tech Mahindra
60.	Deepan T	
61.	Oliver Ajaay D	
62.	Tamil Selvan R	Wipro
63.	Sambath Kumar P M	Buddi Ai
64.	Jeya Priya R	Jetzerp
65.	Nivetha Lakshmi S	
66.	Rajee V	SACL & Jetzerp
67.	Amutha M	Yamaha Motors Pvt.Ltd
68.	Anbu Selvi M	
69.	Eswari.M	
70.	Madhumithra B	
71.	Madhumithra B	Jasmine Infotech
72.	Vijay Swaminathan T	
73.	Nivetha Laskshmi	
74.	R. Nithish	
75.	Gayathri Nr	Apptivo
76.	Arun Pandian T	
77.	Ramsithu M	
78.	Arunkumar D	
79.	Venkatesh R R	
80.	Balaji T	Tech Ginz
81.	Deepak K	
82.	Vinoth Kumar M	
83.	Akilkumar N	Infosys
84.	Sibi R	
85.	Umapathi C	Dhyan Networks
86.	Sufreen Begam U S	Amphenol
87.	Sneha S A	
88.	Sivagamani D	
89.	Sivakumar B	
90.	Sasidhara Prabu G	
91.	R. Nithish	
92.	Lavanya R	
93.	Karthiyapriya T	
94.	Balaji T	
95.	Siva Harish J	India Japan Lighting Company
96.	Sarva Vishva A	
97.	Mahalakshmi N	Shiash Infosolution
98.	Raji Priya P	
99.	Nishadh Hussain M	Sintex Bapl
100.	Karthick Raja M	
101.	Rahul K	M/S Sodedia
102.	Kamesh Raja K R	
103.	Aravind K	Four Bends
104.	Akilkumar N	
105.	Sona M	Avalon Technologies



Placements

SOECE congratulates the following students of 2018 - 22

SANTHOSH M - COGNIZANT, ZOHO (8.2 Lakhs Per Annum Salary)	MOHAMMED HAZZALI M COGNIZANT, TCS, WIPRO	PADMAPRIYA P - INFOSYS, Q Spider & HiTech Calibration	RAVIN P COGNIZANT, WIPRO	SHARMILA S COGNIZANT, TCS	JANCY ANGEL M COGNIZANT, WIPRO	SAMSON S COGNIZANT, TCS	ANISH SULTHANA T COGNIZANT
BHARGAVI SANDHYA M NU Tech	NANDHINEESHWARI S NU Tech	BENINAL B AMPHISOFT	HEMA S AMPHISOFT	VISHNU VARDHAN B J SOFT SQUARE	Rajmadhu II M.E CS Jasmine Infotech	MADHANA GOPAL S Q Spider & SURESOFT	ABDUR RAHMAN S Thirdware
NIVETHA LAKSHMI S Jetzerp	BADHRI V M S RUAH TECH SOLUTIONS	SURYAKUMAR P R VENZO TECHNOLOGIES PVT LTD	SIVA C INNODHA TECHNOLOGY	RAMJI V CAPEGEMINI, Excelacom	BARAKATHUL FATHIMA M CAPEGEMINI	SATHISH KUMAR K STOICS-IT	AKILKUMAR N Tech Ginz, Four Bends
SONA M Avalon Technologies, SACL	RAJI PRIYA P - Jilaba, Shiash Infosolution Pvt. Ltd.	ARAVIND K Four Bends	KAMESH RAJA K R M/S Sodecia	RAHUL K M/S Sodecia	KARTHICK RAJA M Sintex BAPL	NISHADH HUSSAIN M Sintex BAPL	MAHALAKSHMI N Shiash Infosolution Pvt. Ltd.
SIVAGAMANI D Amphenol	SNEHA S A Amphenol	SUFREEN BEGAM U S Amphenol	AMUTHA M - Yamaha Motors Electronics India private limited	ANBU SELVI M - Yamaha Motors Electronics India private limited	ESWARIM M - Yamaha Motors Electronics India private limited	NADHUMITHRA B - Yamaha Motors Electronics India private limited, SACL	DINESH KUMAR S M DISYS
PRADEEPA L KANINI	LENIN PRASANNA M G KANINI	SATHYA PRIYA A KANINI	RIYAS AHMED S TCS				

Congratulations Congratulations

Placements



batch who got placement in various reputed organizations.

SANTHANA KARTHICK COGNIZANT	SAKTHI KUMAR M COGNIZANT	KEERTHANA G COGNIZANT	ULAGESHINI S COGNIZANT	KISHORE KUMAR P WIPRO	NANDHA VIGNESH S WIPRO	MULLAI VENDHAN G K WIPRO
ATCHAYA P Thirdware	VENKATESH R R Aptivo	RAMSITHU M Aptivo	ARUNKUMAR D Aptivo	GAYATHRI N R Aptivo	ARUNPANDIAN T Aptivo	JEYA PRIYA R Jetzerp
VINOTH KUMAR M Tech Ginz	ESWARI M Tech Ginz	DEEPAK K Tech Ginz	NAVEEN KUMAR C Tech Mahindra	DEEPAN T Tech Mahindra	OLIVER AJAAY D Tech Mahindra	UMAPATHI C Dhyam Networks
SARVA VISHVA A India Japan Lightning	SIVA HARISH J India Japan Lightning	BALAJI T Amphenol	KARTHIAYPRIYA T Amphenol	LAVANYA R Amphenol	R. NITHISH Amphenol	SASIDHARA PRABHU G Amphenol, SACL
SOLAIMANI S Saksen Technologies	PRANAURAMANAMANI A R CHELLA SOFTWARE	RONALD REEGAN T CHELLA SOFTWARE	SIVARISHI KARTHICK K Excelacom	MEENA PRIYA Excelacom	KIRUPASRI S SACL	RAMESH M SACL
RAJEE V Jetzerp, SACL	SAMBATH KUMAR P M Buddy Ai	SIVAKUMAR B Amphenol	RAMKUMAR A V SACL			

Congratulations

Congratulations Congratulations

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PROGRAMME EDUCATIONAL OBJECTIVES

Our graduates will

- Possess strong technical knowledge in Electronics and Communication Engineering to address the real world challenges (**Core Competence**)
- Demonstrate continual interest to learn new technologies for successful professional career (**Lifelong Learning**)
- Exhibit professional skills and practice ethical principles with social consciousness (**Professionalism**)

PROGRAMME OUTCOMES

PROGRAM OUTCOMES (POs)

1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems. (**Engineering knowledge**)
2. Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences. (**Problem Analysis**)
3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. (**Design and Development of Solutions**)
4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. (**Conduct Investigations of Complex Problems**)
5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations. (**Modern Tool Usage**)
6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. (**The Engineer and Society**)
7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. (**Environment and Sustainability**)
8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. (**Ethics**)
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. (**Individual and Team Work**)
10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. (**Communication**)
11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. (**Project Management and Finance**)
12. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. (**Life-long learning**)