

SETHU INSTITUTE OF TECHNOLOGY



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Pulloor – 626 115, Kariapatti Taluk, Virudhunagar District, Tamil Nadu, India.



Mr. S. Mohamed Jaleel, B.Sc., B.L.,
Founder & Chairman



SETRite 2023

SETHU RESEARCH NEWSLETTER

(Association with Sethu Research Forum)

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COFFEE WITH ELITE RESEARCHER

“POSITIVE ACTION COMBINED WITH POSITIVE THINKING RESULTS IN SUCCESS”

YOUNG RESEARCHERS :

- | | |
|----------------------------|--------------------|
| 1.K.VISHVA | IV YEAR EEE |
| 2. K.PANDIARAJAN | IV YEAR EEE |
| 3. S.SANTHOSH KUMAR | IV YEAR EEE |

MENTORS :

- 1. Dr.B.MEENAKSHISUNDHARAM,
PG HEAD**
- 2. Dr.B.KARTHIKEYAN,
ASSISTANT PROFESSOR**



Young Researchers with their Innovative Project

OUR INSPIRATION TO BECOME A RESEARCHER

The inspiration to become entrepreneurs or researchers in our field stemmed from a desire to address real-world issues with innovative solutions. We were motivated by the opportunity to make a meaningful impact on society and the economy through our work. Additionally, our passion for technology and its potential to drive positive change fueled our commitment to developing the "IOT based smart energy meter" project.

We saw this as an opportunity to not only showcase our technical skills but also to contribute to the advancement of energy monitoring technology, ultimately improving efficiency and addressing issues such as corruption and theft in energy consumption. Overall, our aspiration to create tangible solutions to pressing problems in our community was the driving force behind our journey as entrepreneurs or researchers.

HOW WE CAME UP WITH AN INNOVATIVE IDEA

As a researcher, the journey towards our innovative idea for the "IOT based smart energy meter" project was driven by a combination of curiosity, exploration, and problem-solving. Recognizing the need for a project that would not only challenge our skills but also have a tangible societal impact, we embarked on an extensive exploration of various ideas and projects. Through this process, we meticulously analysed different sectors, seeking opportunities where our expertise could be leveraged to address pressing issues.

Our focus on efficiency and cost-effectiveness led us to delve into the realm of energy monitoring, where we identified significant gaps and challenges. Drawing inspiration from real-world problems and motivated by a desire to make a meaningful contribution, we conceptualized the "IOT based smart energy meter." This innovative solution aimed to revolutionize energy management by providing real-time data on power consumption and tariff information.

Throughout our journey, the guidance and support of our mentor played a pivotal role in shaping our direction and solidifying our commitment to the project. With a relentless pursuit of excellence and a passion for making a difference, we embarked on this research endeavour, driven by a shared vision of creating impactful solutions for a better tomorrow.

CURRENT STAGE OF OUR PROJECT

As of the current stage, our "IOT based smart energy meter" project has made significant progress in terms of development and implementation. We have successfully completed the initial stages of designing and prototyping the smart energy meter device, incorporating IoT technology for real-time data monitoring and transmission.

At this stage, we are focused on refining the functionality of the device and optimizing its performance to ensure accurate and reliable energy monitoring capabilities. We are also working on integrating additional features, such as advanced analytics and remote accessibility, to enhance the overall utility and usability of the smart energy meter.

Furthermore, we are actively collaborating with stakeholders, including utility companies and regulatory bodies, to align our project with industry standards and requirements. This involves conducting field tests and pilot studies to validate the effectiveness and efficiency of the smart energy meter in real-world scenarios.

Overall, we are pleased with the progress made thus far and remain committed to advancing the project towards its final stages of deployment and commercialization.

OUR JOURNEY, COMPETITION & SUCCESS STORY

Our journey in the development of the "IOT based smart energy meter" project has been marked by dedication, innovation, and collaboration. From the initial stages of brainstorming and ideation to the final implementation and testing, our team has worked tirelessly to create a solution that addresses critical challenges in energy monitoring.

Throughout this journey, we participated in various competitions and events, including the Madurai Hackathon 2023, where we had the opportunity to showcase our project and receive valuable feedback from experts and peers in the field. Our project garnered attention for its novel approach and potential for real-world impact, earning us recognition and accolades.

One of the highlights of our journey was winning the third prize at the Madurai Hackathon 2023, a testament to the hard work and dedication invested by our team. The prize money awarded not only served as validation of our efforts but also provided valuable resources to further enhance and scale our project.

Our success story is a testament to the power of collaboration, innovation, and perseverance. It underscores the importance of identifying real-world problems and leveraging technology to create impactful solutions. Moving forward, we remain committed to advancing our project and contributing to the ongoing evolution of energy monitoring technology.

JOURNEY OF OUR PROJECT

Our project, the "IOT based smart energy meter," has been a journey filled with learning, challenges, and milestones. It all began with the spark of an idea during the Madurai Hackathon 2023, where we set out to address the pressing issue of energy monitoring inefficiencies.

From the inception of the idea, we embarked on a journey of research and development, diving deep into the intricacies of IoT technology and energy management systems. Collaborating closely with our mentors and leveraging the resources provided by our college, we delved into the complexities of designing and prototyping our smart energy meter.

The journey was not without its obstacles. We encountered technical challenges, navigated through iterations and refinements, and overcame hurdles in sourcing materials and resources. However, each challenge served as a stepping stone, pushing us to innovate and improve our solution.

As we progressed, our project evolved from a concept to a tangible prototype. We conducted rigorous testing and validation to ensure the reliability and accuracy of our smart energy meter. Along the way, we received invaluable feedback from industry experts and stakeholders, guiding us in refining our solution to meet real-world needs.

Our journey culminated in the successful demonstration of our project at the Madurai Hackathon 2023. The recognition and validation we received fuelled our determination to further develop and commercialize our smart energy meter. Today, as we reflect on our journey, we are proud of how far we've come and excited about the potential impact our project holds for the future of energy management.

Dr.B.Meenakshi Sundaram, Dr.B. Karthikeyan mentored and received Third prize and Rs.15000 cash award for the project title “IoT Based Smart Energy Meter” in Madurai Hackathon 2023 on 12th August 2023.

Mr. M. Jothi Bass received Young Teaching Faculty Excellence Award 2023 in International conference on recent innovations and technological advancements in agriculture and horticulture, agricultural engineering, sericulture, food science, biotechnology, and rural entrepreneurship on 12.08.2023.



Young Teaching Faculty Excellence Award received by Mr. M. Jothi Bass



Young Scientist Excellence Award received by Dr. S. Ayyanar

Dr. S. Ayyanar received Young Scientist Excellence Award 2023 in international conference on recent innovations and technological advancements in agriculture and horticulture, agricultural engineering, sericulture, food science, biotechnology, and rural entrepreneurship on 12.08.2023

Dr. K. Kannan received Distinguished Professor Excellence Award 2023 in international conference on recent innovations and technological advancements in agriculture and horticulture, agricultural engineering, sericulture, food science, biotechnology, and rural entrepreneurship on 12.08.2023

RESEARCH ACHIEVEMENTS BY FACULTY

“Innovation distinguishes between a leader and a follower”

Dr.B.Meenakshi Sundaram, Dean (EDC) has received a cheque of Rs. 10000 from EDII HUB MK University for conducting programs in our Institute on July 12th,2023.



Dr.B.Meenakshi Sundaram receiving honorarium from EDII HUB MK University



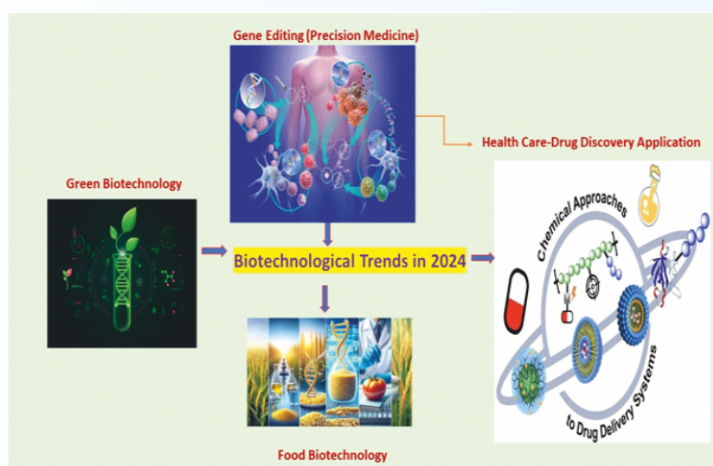
Distinguished Professor Excellence Award received by Dr. K. Kannan

RECENT RESEARCHES AND INNOVATION IN TECHNOLOGIES

“If you have knowledge, let others light their candles in it”

BIOTECHNOLOGY FOR FUTURE

The latest trend in the field of biotechnology revolves around the sectors of new drug development, bio printing and gene editing. The industrial evolutionary steps have been the cause of a lot of tremendous beneficial impact in the pharmaceutical and healthcare industries. This pave way for continuous release of new drugs in the market, which will constantly prevent and treat a lot of illnesses diseases? Biotechnology is a field of study where bio processes and living organisms are used to engineer new medicine, technology, and other healthcare products. The use of biology in other fields isn't new at all. We have seen countless items in our daily lives that have come out of the biotechnology industry. A very common example is yogurt, which is the result of fermenting milk with living bacteria.



BIO TECHNOLOGICAL TRENDS IN 2024

The explosive development of biotech has been rapid, especially after the pandemic situation especially COVID-19 has created awareness of impact of modern diagnostic therapy such as

PCR to detect the viral effect on human system for providing solutions for a number of health-related illness. The primary function of bio technological improvement has played a significant advancement in bio printing, drug medicine research, and agriculture and food biotechnology.

GENE EDITING

Precision medicine is an upcoming medical practice, and gene editing has a major role to play in it to treat and cure diseases. Biotech in precision medicine has also improved drug delivery and discovery technologies. Genome editing has extended our ability to elucidate the contribution of genetics to disease by promoting the creation of more accurate cellular and animal models of pathological processes and has begun to show extraordinary potential in a variety of fields, ranging from basic research to applied biotechnology and biomedical research.

HEALTH CARE DRUG DISCOVERY/ BIO PRINTING

Bioprinting is a new biotech application that works just like 3D printing. But instead of normal ink, professionals use bio-ink that is made of bio materials. These are substrates that grow around scaffolds. This enables the body to recover from its own cells rather than those introduced from an external source. Bioprinting allows doctors to create skin and tissue grafts to treat burns and other conditions. This allows the body to regenerate on its own, resulting in much healthier skin and organs. Tissue engineering is becoming a widely popular treatment in a lot of medical practices. Some examples of biotech applications in medicine are clinical research, therapies, pharmaceuticals, and genetics. It can help advance the field of medicine and develop products that will reduce the chances of people developing fatal conditions or contracting diseases. .Eventually, it will cause global disease rates to decline.

RESEARCH PUBLICATIONS BY FACULTY

*“Leadership does not always wear
the harness of compromise”*

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Meenalochini P, ‘An Efficient Control Strategy for an Extended Switched Coupled Inductor Quasi-Z-Source Inverter for 3 ϕ Grid Connected System’, Journal of Circuits, Systems and Computers, Volume 32, Issue 11.

Murugan G, Vijayarajan S, ‘IoT based secured data monitoring system for renewable energy fed micro grid system’, Sustainable Energy Technologies and Assessments, Volume 57.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Siva Ranjani S, ‘A secured blockchain method for multivariate industrial IoT-oriented infrastructure based on deep residual squeeze and excitation network with single candidate optimizer’, Internet of Things (Netherlands), Volume 22.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ruba T, Tamilselvi R, Parisa Beham M. ‘Brain tumor segmentation using JGate-AttResUNet novel deep learning approach’, Biomedical Signal Processing and Control, Volume 84.

DEPARTMENT OF MECHANICAL ENGINEERING

V.Vignesh, ‘Static, Dynamic Mechanical and Thermal Characteristics of Lufa, Morindatinctoria, and Myrobalan Reinforced Epoxy Hybrid Biocomposites’, Fibers and Polymers.

Bioprinting is a new biotech application that works just like 3D printing. But instead of normal ink, professionals use bio-ink that is made of bio materials. These are substrates that grow around scaffolds. This enables the body to recover from its own cells rather than those introduced from an external source. Bioprinting allows doctors to create skin and tissue grafts to treat burns and other conditions.

GREEN BIOTECHNOLOGY

Biotechnology is applied in agricultural techniques to make genetically engineered crops and horticultural processes more efficient. These new types of plants have better nutritional value for human consumption, which is a benefit for healthcare

FOOD BIOTECHNOLOGY

Food Biotechnology in agriculture can also be used to solve global issues like food shortages and world hunger. The food processing industry also looks toward biotechnology to improve its methods using biological processes with biocatalysts like yeast and enzymes. Food Biotech in industries can help reduce operational costs and improve food safety and quality efficiency to develop human standard of life. Bio technology in the food processing sector makes use of micro-organisms for the preservation of food and for the production of a range of value-added products such as enzymes, flavour compounds, vitamins, microbial cultures and food ingredients. Biotechnology applications in the food-processing sector, therefore, target the selection and manipulation of micro-organisms with the objective of improving process control, product quality, safety, consistency and yield, while increasing process efficiency.



DEPARTMENT OF CHEMISTRY

Edison, Thomas Nesakumar Jebakumar Immanuel, 'Effect of femtosecond laser-texturing on the oxygen evolution reaction of the stainless-steel plate', Molecular Catalysis, Volume 541.

DEPARTMENT OF MATHEMATICS

Jansi Rani P.G, 'Developing Cost-Effective and Efficient Drinking Water Treatment Technology for the Removal of Salinity and Suspended Solids', Journal of Natural Remedies, Volume 23, Issue 2, Pages 603 – 613.

PATENTS FILED/GRANTED

“Innovation is the engine of economic growth, and patents drive innovation”

1. SETHU INSTITUTE OF TECHNOLOGY, Associate Professor Dr. J.VAIRAMUTHU of Mechanical Department has been GRANTED a Patent for the work on “WRITING STATIONERY HOLDER IN SCIENTIFIC CALCULATOR COVER” on July 2023 with Patent number 342920-001.

2. SETHU INSTITUTE OF TECHNOLOGY Associate Professor Dr. K.NAGALAKSHMI of Computer Science and Engineering Department PUBLISHED a Patent for the work on “METHOD FOR MANAGING LIFE CYCLE OF A TOKENIZED COMPUTING OPERATIONS REAL ASSET IN BLOCKCHAIN –BASED ECOSYSTEM” on August 2023 with Patent number 202341034141

3. SETHU INSTITUTE OF TECHNOLOGY Associate Professor Dr.A.KARTHIK of CIVIL Engineering Department PUBLISHED a Patent for the work on “EFFECT OF COARSE AGGREGATE, MARBLE, GRANITE CUTTING WASTE, METAKAOLIN AND ADMIXTURES ON MECHANICAL PERFORMANCE OF CONCRETE” on August 2023 with Patent number 202341052121 A.

CONSULTANCY WORK

“Effective consulting is about presenting actionable data, and helping solve problems, implement solutions, and innovate”

1. Mr. P. Rajeswaran, Department of Civil Engineering has completed a Consultancy work for “Compressive Compressive Strength of Concrete Cubes” with Atharva Associates, Undirmikudakulam, Virudhunagar for Rs. 600/- on 12.08.2023.

PROGRAMS ORGANISED

“In theory, there is no difference between theory and practice. In practice there is”

DEPARTMENT OF MECHANICAL ENGINEERING

♦ Guest Lecture on “Opportunities in Windmill Sector for Mechanical Engineers” was organized on 14.07.2023



♦ Guest Lecture on “Introduction to Industry 4.0” was organized on 20.07.2023



- ♦ Workshop on “Advancement in Automotive Safety” was organized on 18.08.2023



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- ♦ Webinar on “How to get hired in Data Patterns” was organized on 09.07.2023.
- ♦ Program on “Magic in Improving the Memory” was organized on 10.07.2023.
- ♦ “Awareness on MSME 3.0 for Women Innovators” was organized on 20.07.2023.
- ♦ Session on “Kick Start your Agri-Startup” was organized on 27.07.2023.
- ♦ Department of Electronics and Communication Engineering organized a Quality Improvement program on “Digital Signal Processing” on 24th August 2023. Dr.P.RameshBabu as a resource person and gave idea about DSP and how to answer basic technical questions for the drive.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- ♦ Department of Computer Science and Engineering conducted Seminar on “Rethinking the Developer Shortage” was organized on 29.08.23. The Resource Person delivered lecture about how to handle the Developer Shortage in Companies.



DEPARTMENT OF CIVIL ENGINEERING

- ♦ On July 24, 2023, an orientation program entitled "Career opportunities for Civil Engineering students" was held.
- ♦ Department of Civil Engineering organized one day workshop on “Future ,scope and opportunity for civil Industry” on 28.08.2023 our department invited as a chief guest Mr.Akabarali khader, Managing Director ,KHASS, Chennai.

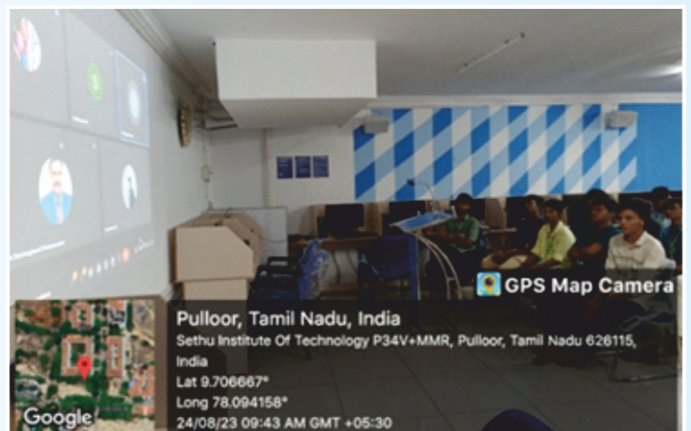


DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

♦ Department of Computer Science & Business System conducted workshop on “Hands-on in Abode illustrator and Blender(3D Modelling)” was organized on 22.08.2023 to 23.08.2023. Mr.JoshuaDelightson from Final year CSBS Student.



♦ Webinar on “Recent Trends in IT Industry” was organized on 24.08.2023.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

♦ Department of Electrical and Electronics Engineering organized Value added course on “Exploring Electronic Gadgets”. Er.Solomon Raj, S7R Technology, Madurai, given Hands on Training during 11.07.2023 to 15.07.2023 at Microprocessor and Micro controller Laboratory.



♦ Department of Electrical and Electronics Engineering organized the Guest Lecture on “Skills TO Build Career in IT” on 21.07.2023 in EEE Seminar hall. Faculty Coordinators were Mrs.R.Brindha, AP/EEE & Dr. B. karthikeyan AP/EEE. Microcontroller Laboratory.



♦ Department of Electrical and Electronics Engineering and IEEE Women in Engineering organized a “Webinar on Unlocking Opportunity for Women Engineering” on 17.08.2023. Prof.Rushali Thakkar, Vice chair IEEE Women in Engineering Bombay Section delivered the speech about the Unlocking Opportunity for Women Engineering.



DEPARTMENT OF INFORMATION TECHNOLOGY

♦ Department of Information Technology organized value added course on 21VIT701-Angular Training for Beginners for third year-IT students (batch 2021-2025) From 13.07.23 TO 18.07.23. The course was conducted by white pixel technologies, Madurai.

CENTRAL LIBRARY

♦ 09th August 2023 the Department of Library and Information organized On One Day “Awareness Programme for Rural School Student Library Resources and Higher Education”. Dr.L.Jayalakshmi, Head, Department of Chemistry, SIT, Mr.P.Ilangumaran, Head and Senior Librarian, SIT, delivered the speech to Govt. Higher Secondary School, Amathur, Sivakasai.



One Day “Awareness Programme to Rural School Student Library Resources and Higher Education”, 11th July 2023



DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

- ♦ The Department of computer Science and Design organized various skill development programs for the students to enhance their employability skills.
- ♦ Organized an Industrial visit for third year students to “Vinsup Infotech (P) Ltd” Company located at Madurai 03.08.2023
- ♦ SSi Computers Pvt Limited Conducted an orientation program In the topic of “FULL STACK DEVELOPMENT” Program organized on 23.8.2023.
- ♦ Guest lecture program “HOW TO CRACK GATE EXAM” was organized in our department on 25.08.2023

DEPARTMENT OF BIOMEDICAL ENGINEERING

- ♦ Seminar on “Opportunities & Ethical Risk For Early Stage Entrepreneurs In Biomedical Industries” was organized on 21/08/2023



- ♦ Webinar on “Shaping The Future of Healthcare and Exploring The Intersection of 3D Technology” was organized on 23/08/2023

RESEARCH ACHIEVEMENTS BY STUDENTS

*“Success is the sum of all efforts,
repeated day-in & day out”*

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



*Team won a cash prize of Rs.12000 and
got Second prize in Vinsup Techo Tournament*

Mr. Dhyaneshwar Vel. G, Mr. Akash. S, Mr. Agneeswaran. S, Mr. ManojPandi. T.R, and Ms. Niranjana. B, of Final Year Electrical and Electronics Engineering Department got Second place and won cash prize in VinsupTecho Tournament organised by VinsupInfotech (P) Limited, Madurai on 1st July 2023, Mentored by Dr. J. Jeyashanthi, Dr. G. Narmadha, The prize winners were received their Certificates with cash prize of Rs.12000.



Team won a cash prize of Rs.15000 and got Third prize in Madurai Hackathon 2023

Mr. K.Vishva, Mr. S.Santhoshkumar, & Mr. K.Pandiarajan of Final Year Electrical and Electronics Engineering Department got Third place and won cash prize in Madurai Hackathon 2023 organised by Madurai Tech Community, held at Thiagarajar college of Engineering, Madurai on 12th August 2023, Mentored by Dr.B.Meenakshisundaram, Prof/EEE, Mr.B.Karthikeyan AP/EEE, The prize winners were received their Certificates with cash prize of Rs.15000.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Team Participated in the event

Chandru, Dhanusraj, Arunbalaji A ,HariniShree, Ishwarya, Balamurugan T , A,Aravinth K of Third year Computer Science and Engineering Department Participate the final presentation in Carbon Zero Challenges 3.0, 2023, IIT ,Madras, Pitch for the Planet (26 to 28.07.23)

DEPARTMENT OF INFORMATION TECHNOLOGY



Best Performance certificate

Vijayaragavan and Subhasree of Third Year IT received best performance certificate in White pixel Technologies for Angular Training for beginners from 13-07-23 to 18-07-23



Receiving the award

M.Sanjay Kumar of Third Year IT received Madurai Digital Awards from Arrow Digitals Company in Favourite Educational YouTube channel award on 23.07.2023

DEPARTMENT OF CHEMICAL ENGINEERING



*Summer Fellowship Program
Completion certificate*

Sudhagaran J of Final year Students (2020-2024 Batch), Department of Chemical Engineering, have been selected and completed the 2 Month Research Fellowship Program 2023 in Indian Institute of Technology Madras (IIT-M), Madras with Paid Fellowship Rs. 6,000 per Month Mentored by Dr. P. SaravanaPandian, Mr. M. Dhatchinamoorthy, Mr. M. Samuthirakani and Mrs. P. Kajolpriya

DEPARTMENT OF CIVIL ENGINEERING



Team Receiving the Prize

S.Vivek, R.Gokul Jeyaram received Third prize with cash award Rs.3000 in “Build expo 23”,Madurai in association with Velammal College of Engineering and Technology on 18.8.2023 to 20.08.2023 for Poster Presentation IOT in Civil Engineering.

K.S.Chandrakumar,A.Kiruthikraj,P.Naveen,M.S akthivel Consolation Prize with cash awards Rs.1000 in “Build expo 23”,Madurai in association with Velammal College of Engineering and Technology on 18.8.2023 to 20.08.2023 for Model Contest Smart city Madurai

DEPARTMENT OF BIO MEDICAL



Team Receiving the Prize

Mohamed Muzzamil and Syed Ibrahim of Second year Biomedical Engineering Students Won Second prize for Paper presentation on “NIR Ray Based Non-Invasive Blood Sugar Monitoring” in National Level Technical Symposium “TEKCLUSTER’23” Organized by Kongunadu College of Engineering and Technology on 26th August 2023. (Mentor- Dr. N. Mahalakshmi & Ms.S.Harishna)



Vignesh Rajan of Fourth year Biomedical Engineering Students Won Third prize for Paper presentation on “HOLOGRAPHIC DISPLAY OF SCANNING DEVICES” in National Level Technical Symposium “TEKCLUSTER’23” Organized by Kongunadu College of Engineering and Technology on 26th August 2023. (Mentor- Dr. N. Kins Burk Sunil & Dr.E.Maheswaran)



Team Receiving the Prize

Arul Pravin and M.Karpagapandian of Third year Biomedical Engineering Students Won Third prize for Paper presentation on “HOLOGRAPHIC DISPLAY OF SCANNING DEVICES” in National Level Technical Symposium “TEKCLUSTER’23” Organized by Kongunadu College of Engineering and Technology on 26th August 2023. (Mentor- Dr. D. Sunderlin Shibu & Mr.B.Muthupandian)



Team Receiving the Prize

D Ashwin Kumar, G Madhavan and M.Yogaraja of Third year Biomedical Engineering Students Won First prize for Logo finder in National Level Technical Symposium “TEKCLUSTER’23” Organized by Kongunadu College of Engineering and Technology on 26th August 2023. (Mentor- Ms.D. Julie Bersiyal & Ms. Mary James)

DEPARTMENT OF AGRICULTURAL ENGINEERING



Student receiving the prize

Santhiya R , Lavanya. B , Nagajothi. N , Harini V III YEAR has won the First Prize in the title of IOT based Fish bond management system conducted at AGRI INNOVA- CONCLAVE - Kanyakumari on August- 10-2023

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)



Team Participated in the event

The II Year student of CSE (Artificial Intelligence and Machine Learning) vignesh .P and Thava Surya T won Second place in Non-Technical Event of Vibe with Music held on 13th October 2023 at P.S.R Engineering College, Virudhunagar District



Santhiya. K, Priyadharshini M Parkavi.G III year has won the FIRST prize in the title of Design on insect trap based on insect physical behaviour conducted at AGRI INNOVA- CONCLAVE- Kanyakumari on August- 10-2023

CONGRATULATIONS!!!

The following faculty has been awarded with PhD degree during last year During JULY 2023
DURING JULY 2023 TO AUGUST 2023

Dr.S.Ashokkumar, Part time research scholar, Assistant Professor, Department of Physics, Sethu Institute of Technology, completed PhD under the supervision of Dr. Stephen, Professor, Department of Physics, American College, Madurai.

PATRONS

MR.S.MOHAMED JALEEL, Founder and Chairman

MR.S.M.SEENI MOHAIDEEN, Chief Executive Officer

MR.S.M.SEENI MOHAMED ALIYARMARAICKAYAR

Joint Chief Executive Officer

MS.S.M.NILOFER FATHIMA, Director - Administration

DR.S.M.NAZIA FATHIMA, Director - Research

DR.A.SENTHIL KUMAR, Advisor

DR.G.D.SIVA KUMAR, Principal

SETRITE COORDINATORS

Dr.M.ParisaBeham, Prof & Head, Department of ECE

Dr. R. Tamilselvi, Prof & Pg Head, Department of ECE

Dr. P.Mahalakshmi, Associate Professor, Department of ECE

SETRITE MEMBERS

Dr.J.Vairamuthu,

Associate Professor, Department of Mechanical Engineering

Dr.V. Vaishnavi,

Associate Professor, Department of EEE

Dr. B.Lalitha,

Associate Professor, Department of CSE

Ms.T.Ruba,

Assistant Professor, Department of ECE

Mr.S.Parameswaran,

Assistant Professor, Department of IT

Ms.Mary James,

Assistant Professor, Department of BME

Ms.S.Bharathi,

Assistant Professor, Department of Civil Engineering

Dr.K.Nagalakshmi,

Associate Professor, Department of CSE

Dr. P.R.Rajkumar,

Associate Professor, Department of Mechanical Engineering

Ms.M.Uma Maheshwari,

Research Faculty, Department of ECE

Dr.A.M. Arun Mohan,

Associate Professor, Department of Civil Engineering

Mr.M.Jothi Bass,

Assistant Professor, Department of Agricultural Engineering

Ms.D. Juliebersiyal,

Assistant Professor, Department of BME

Dr. David Gnanaraj,

Associate Professor, Department of Mechanical Engineering

Dr.S.Mariaamalraj,

Associate Professor, Department of BT

Mr. Karthik Kumar,

Assistant Professor, Department of AIDS