



# S.A. ENGINEERING COLLEGE

(An Autonomous Institution Affiliated to Anna University Chennai)

Accredited by NAAC with 'A' Grade & ISO 9001:2015 Certified Institution

Poonamalle-Avadi Main road, Thiruverkadu post ,Chennai-600077



# NEWSLETTER




## SEP-2023





## ABOUT SAEC

S.A. Engineering College offers the students with advantageous atmosphere with state-of-the-art facilities, distinguished mentors, and pleasant educational environment. The institution provides the employability and communication skills for the development of students. It provides quality education in an environment of discipline. The focus is on shaping students to become self-disciplined, self-dependent and self-confident individuals. SAEC pulls out all the stops to mold the students careers in such a way that they excel in all fine distinctions of life. The College's stand is not only on mere acquisition of course knowledge and its application but also on the over all personality development of the student and his value system. The infrastructure facilities have also been made to allow a detailed learning ambiance for the students. The full-fledged Eco-friendly campus offers a quality environment to the students.

 (044) 2680 1999

 @saec\_autonomous

 saec@saec.ac.in

 S.A.Engineering College



[www.saec.ac.in](http://www.saec.ac.in)



## **VISION**

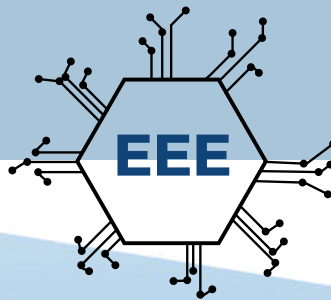
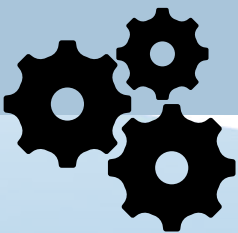
To transform our institution into quality technical education center imparting updated technical knowledge with character building

## **MISSION**

- To impart quality education through the creation of an intellectual capital of competent management professionals and focus on nurturing innovation, entrepreneurship, research, ethics and professional expertise.
- To create an excellent teaching and learning environment for our faculty and students.
- To develop leaders of competence, conscience, creativity and compassion.

## DEPARTMENTS

- ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
- CIVIL ENGINEERING
- COMPUTER SCIENCE AND BUSINESS SYSTEMS
- COMPUTER SCIENCE ENGINEERING
- CYBER SECURITY
- ELECTRONICS AND COMMUNICATION ENGINEERING
- ELECTRICAL AND ELECTRONICS ENGINEERING
- HUMANITIES & SCIENCE
- INFORMATION TECHNOLOGY
- MASTER OF BUSINESS ADMINISTRATION
- MASTER OF COMPUTER APPLICATIONS
- MECHANICAL ENGINEERING



# GUEST LECTURES

ECE

The guest lecture on the topic CAREER GUIDANCE on INNOVATION IN CHIP DESIGN & DEVELOPMENT was organized for interested students of II & III year students on 08th September, 2023. Nearly 65 students utilized this opportunity and learned about Chip Design verification, and experienced hands-on training on Chip design from the basics level to the intermediate level.



Gained invaluable insights on balancing passion and practicality in career choices, the importance of adaptability and the power of mentorship, Student feedback has been overwhelmingly positive, with attendees expressing how the lecture has helped them set clear career goals and build confidence in their choices.

CSE

IT

This guest lecture was conducted for the students of the 3rd year of IT. All 63 students attended this Guest Lecture on "**Artificial Intelligence**".

Ms.Sowmya Nagarajan spoke about the opportunities and business scope in the field of AI. Our students at IT were enlightened and asked many questions about the career opportunities in the field of AI.



A Guest lecture was organized in the civil department on the topic "Modern techniques in surveying on 20th September. Mr. C. Selvaraj, Managing Director, Athira Geospatial Services Private Limited was the guest speaker for the session. He emphasized the use of modern surveying instruments and technologies incorporated in the field. With the advanced surveying instruments LiDAR, GPS, and drone-based surveys.

CIVIL

MBA

Guest lectures have been held on September 11, 2023, by the department of Master of Business Administration on the topic of logistics and supply chain management by Mr. Padmanaban, Chairman, WQC Logistics and EXIM Academy. He shared his insights about the growth in the logistics sector as well as news related to international trade and the global market.



A Guest Lecture was organized on the topic of Recent Trends in Internal Combustion (IC) Engines by Mr. S. JAFFAR S. Jaffar Hussain, Head of Product Support at GMMCO Limited, on 8th of September where the process and working of the latest IC engines were explained to the 3rd and 4th year mechanical students.

MECH

## INDUSTRIAL VISIT

ECE

An Industrial visit to “NetworkGeek” was organized for our III year A, B, & C students on 23rd, 24th and 25th August 2023 respectively. This visit provided a valuable opportunity to gain hands-on experience and learn more about the industry in a real-world setting.



The third year students of Civil Engineering department, as a part of the curriculum to gain practical knowledge, went on an industrial visit to the site ARETE HOMES, Ponneri, Chennai on 22nd September and learned about the Mivan framework system, which was incorporated into the structural design.

CIVIL

An INDUSTRIAL VISIT was held on 13th September 2023, by the department of Master of Business Administration under the entitle of Modern Bakers (Madras) Pvt. Ltd. by Mr. Raj Paul HR Industry. The interaction was done by Dr. V. Srinivasan, Associate Professor/MBA, on 16th September 2023, at Nippon Points for learning of quality conce.



An Industrial visit to NORTH CHENNAI THERMAL POWER STATION, Thiruvallur was organized for 2nd YEAR EEE A students on 26th September 2023, and EEE B students on 27th September 2023, which educated the students about power generation and transmission. This visit has enhanced pupils' knowledge of the power system as they observed the real-world application of classroom knowledge.

## PROJECT CONTEST

### AI-DS

Our students, Mr. Deepak T, Mr. Anas Muhammad Sait, Mr. Abay Ragav G, Mr. Prem Kumar R, Ms. Ezhilarasi and Ms. Bhagyashree from the Department of Artificial Intelligence and Data Science, were selected for the Smart India Hackathon (SIH) for their project on IDENTIFICATION OF MEDICINAL PLANTS USING DEEP LEARNING organized by the Government of India.



# VALUE ADDED COURSES

## ECE



The Department of ECE organized six days value Added Course for III year students entitled "Python with Data Structures" by Dynamic CAD CAM CAE from 14-9-23 to 22-9-23

## IT



The Department of IT has conducted a six-day "Kotlin Programming Language" value-added course for II year students. This informative course was expertly led by Mr. Suresh from Beeja Academy, spanning from September 19, 2023, to September 26, 2023.

## CSE



The first phase of our immersive Kotlin Programming Language course for second-year students unfolded from 19-26 September, 2023. Facilitated by Beeja Academy, this program equipped the participants with essential skills in Kotlin and Android Studio.

## EEE



The value added course directed by EEE Department on ETAP AND PSCAD SOFTWARE by POWER PROJECTS on 11-15 September, 2023 for EEE A and 20-22 September, 2023 & 25-27 September, 2023 for EEE B, 3rd YEAR.



# VALUE ADDED COURSES

## CSBS



CSBS students exhibited their commitment to academic excellence by participating in a week-long Value Added Course on Kotlin programming language. From 20-27 September, 2023, students delved into the world of Kotlin, a versatile programming language known for its efficiency and compatibility with Android app development. This initiative not only broadened their skillset but also positioned them for promising opportunities in the ever-evolving field of software development. Kudos to the CSBS students for their dedication to enhancing their programming proficiency.

# WEBINARS / SEMINARS

## MBA



II year students of the Master of Business Administration have participated in the National Seminar on "Transforming Paradigm: Women's Reshaping Corporate Decision Making," sponsored by the National Commission for Women (NCW) and organized by VIT Business School, Vellore Institute of Technology, Chennai, on September 8, 2023.

# SYMPOSIUMS

## ECE



ECE III year students took part in a technical symposium sponsored by St. Joseph College of Engineering and placed first in a technical quiz competition on September 22, 2023.

## IT



A team consisting of six members from the 3rd year IT department, namely B. Lingeswaran, L. Naveen Narayanan, E. Arun, V. Saravanan, V. Rajbharath, and M. Midun, participated in the “National Level Technical Symposium: Trojans” conducted by the Chennai Institute of Technology on September 20, 2023.

## MECH



On September 26, the Chennai Institute of Technology conducted a symposium for the Mechanical Department on the topic MECHGUST'23, and students from the 2nd year Mechanical Department participated in a paper presentation..

## AIML



On September 21, 2023, a group of six enthusiastic members from the Department of Artificial Intelligence and Machine Learning (AIML) at SAEC participated in the MGR Engineering College Symposium. The participants were Aarthy, Lathika, Tamil Selvi, Sharmili, Ramya, and Isaac.

# SYMPOSIUMS

## EEE



The 3rd YEAR EEE B students have actively participated in HACKERZ- NATIONAL LEVEL TECHNICAL SYMPOSIUM conducted by the Department of Computer Science and Engineering at CHENNAI INSTITUTE of TECHNOLOGY on 19th September, 2023.

## CSE



Our final-year students Jaikishore R. and Akshaj K. S. have won 1st prize in the CTF (Capture the Flag) hosted by Technovit on September 28, 2023.

## AI-DS



Students of AI-DS II year, Ms.Aruna Shree, Ms.Keerthana, and Ms.Dharshini Shree, participated in the event "Zorphix," presenting solutions to the problem statement "Self-Identifying Mental Health and Getting Guidance for Support," held on September 22, 2023, organized by Chennai Institute of Technology.

## CIVIL



S. Santhosh Kumar of the third-year Civil Department participated in "Clash of Mind" at the national-level technical symposium organized by Velammal Engineering College on September 16, 2023

# WORKSHOPS

## INFORMATION TECHNOLOGY



A team consisting of 7 members from 3rd year IT Department, namely B. Lingeswaran, L. Naveen Narayanan, E. Arun, V. Saravanan, V. Rajbharath, M. Midun and Afrid.R had attended Workshop on "Artificial Intelligence" conducted by "Chennai Institute Of Technology"

# CLUB ACTIVITIES



## INFORMATION TECHNOLOGY

The club activity undertaken by the third-year student batch entails engaging in placement-related online courses, which are scheduled every Wednesday. This initiative has been designed to enhance their employability skills and prepare them for successful job placements. These courses cover a wide range of topics, including resume preparation, interview techniques, and industry-specific insights. Students are actively investing their Wednesday time in this learning opportunity, enhancing their future career prospects and professional development. It shows the commitment of the institution to ensure its students are well-prepared for the job market.

On September 4, 2023, the ECE Department officially introduced VLSI Club. The group of ten third-year students in the Club designs integrated circuits from 4 to 5 pm every working day using the Commercial Software Cadence Virtuoso. VLSI (Very large-scale integration) is the process of creating an integrated circuit by combining millions or billions of MOS transistors onto a single chip. VLSI is mainly used to design electronic components like microprocessors and memory chips, which require millions of transistors.



## ELECTRONICS AND COMMUNICATION ENGINEERING

**ELECTRICAL AND COMMUNICATION ENGINEERING**

- Mr.A.Karunakaran, Assistant Professor/ECE attended the webinar on “How to Design Antenna Systems, Publish your Work and Patent your Idea?” organised by IEEE Student Branch MNNIT Allahabad in association with IEEE Sensors Council U.P. Chapter held on 02nd September 2023.
- Ms.P.Sasireka,Assistant Professor/ECE attended International Workshop on “Antenna Design Technologies for Intelligent Transport Systems”organized by the Department of Electronics and Communication Engineering,College of Engineering,Guindy,Anna University from 25th - 27th September 2023

**ELECTRICAL AND ELECTRONICS ENGINEERING**

- DR. S. Sendil Kumar, Professor, EEE Department, has published Voice Recognized Keyless Electric Bike On 22nd September, 2023
- Dr. S. Kamalakkannan, Professor and Dr. N. Magadevi Associate Professor, EEE Department, has published WSN for agriculture system" deduction of nitrogen content in soil profile on 22nd September, 2023.
- Mrs.J. Megala, Assistant Professor and Mr.R. Kamalakkannan, Associate Professor, EEE Department has published E Bike with Regenerative Charging System on 22nd September, 2023.

## INFORMATION TECHNOLOGY

- Asst. Prof . Veena T completed Coursera in **“Search Engine Optimization (SEO) with Squarespace”** on Sep 16, 2023
- Asst. Prof. Julia Faith S completed Coursera in **“Create a Lead Generation Messenger Chatbot using Chatfuel”** on Sep 16, 2023.
- Asst. Prof. Valarmathi K completed Coursera in **“Azure: create a REST API using NodeJS Serverless Functions”** on Sep 19, 2023

## MASTER OF COMPUTER APPLICATIONS

- A faculty development program (FDP) on **NIRF Ranking was organized by the Department of Computer Applications** on September 16, 2023. Dr. Ramesh L. Gardas, professor in the chemistry department of the Indian Institute of Technology, Madras, leads this FDP.

- Tamil Nadu State Council for Science & Technology organise the capacity building for industrial needs training for IV year students phase II on 12th, 13th & 14th Sep.
- MoU Signing day has been inaugurated in our college on 8th Sep.
- Placement training for all II year B.E/B.Tech students on 4th Sep, 5th Sep & 7th Sep

S.NO	DATE	COMPANY NAME	SALARY (LPA)	DEPARTMENT
1	04-09-2023	KONRAD	3L	CSE /IT/ECE/EEE/ MECH/MCA
2	04-09-2023	KHAAS	2 L	CIVIL
3	04-09-2023	SOUTH STEEL SHELTERS	2L	CIVIL
4	06-09-2023	ESUNMR	2L	EEE/MECH
5	08-09-2023	MITSOGO	4L	ALL UG
6	12-09-2023	PROPEL	6.5 L	ALL UG



<b>S NO</b>	<b>DATE</b>	<b>COMPANY NAME</b>	<b>SALARY (LPA)</b>	<b>DEPARTMENT</b>
7	13-09-2023	TCFM	2L	EEE
8	15-09-2023	NIPPEN ELECTRICAL	2L	ECE/EEE
9	15-09-2023	NIPPEN ELECTRICAL	2L	ECE/EEE
10	16-09-2023	FLDEC	2L	MECH
11	20-09-2023	BHARTI AIRTEL	4L	ALL UG/MBA
12	20-09-2023	SUTHERLAND	3L	ALL UG / PG
13	22-09-2023	BAJAJ FINSERV	5 L	MBA



## CSE

In a dazzling display of skill and teamwork, our College Table Tennis Women's Team emerged victorious in the Zone Tournament held on September 26. Among the talented athletes contributing to this impressive win is Harini P, a spirited and skilled student from our very own Department of Computer Science and Engineering, 3rd year B Section. Congratulations to Harini and the entire team for their outstanding achievement!!



## MBA

Students of the Master of Business Administration have won in table tennis at the Zonal level conducted by Anna University at S.A. Engineering College on September 26, 2023.



## AI-DS

Our student, Mr.Prem Kumar R, AI-DS III year, participated and won 2nd runner-up in the zonal level chess competition held on September 22, 2023, conducted by Sriram College of Engineering, Perumalattu, Chennai.



## CIVIL

Asmitha Jersita of Second Year Civil Engineering won the winner's position in the women's table tennis competition at the Zonal Level.

## H &amp; S



**Bridge Course** conducted for the batch 2023-2027 from 28.08.2023 to 08.09.2023. The foundational knowledge acquired through bridge courses allows students to learn new concepts more effectively, leading to improved knowledge outcomes. Bridge courses build confidence and acquaintance with the new curriculum.

## WORKSHOP



Department of Humanities and Science Conducted a Workshop on Effective Communication and Enhance Lifeskills through Story-Telling techniques on 07.09.2023 and 08.09.2023 Handled by Dr. Renuka Dinakaran , Soft skills trainer and Transformation coach

## H &amp; S

## “ROLE OF RENEWABLE ENERGY IN ACHIEVING SUSTAINABLE DEVELOPMENT



The Department of Humanities & Science of S.A. Engineering College in support of **TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (TNSCST)**, Government of Tamil Nadu, Dote Campus, Chennai & NCSTC, Government Of India, New Delhi organized a Seminar Popularization of Science Activities “**ROLE OF RENEWABLE ENERGY IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS**”. Students from various schools and SAEC actively participated in the seminar. Certificates were distributed to all the participants by the Principal and the Resource person. Mrs.V.O.Sangeetha, ASP, Chemistry Coordinator of the seminar proposed the vote of thanks

## AIML



### Aptitude Buster

The Department of **Artificial Intelligence and Machine Learning** had placement training on September 4–7, 2023, called “Aptitude Buster”. It’s an emerging leader in preparing students at the graduate level for campus placements as well as for various competitive examinations. It is the first mobile app in India to train and prepare final-year students to realize their dream of becoming employees of top multinational companies. Aptitude Buster specializes in conducting campus recruitment training through shortcuts and time-saving techniques. The session was conducted in a live interactive session between the students and the trainers. They offered many features, such as concept videos, practice tests, an e-library, live sessions, daily challenges, and All India mock test questions, for students to practice and solve the questions in the mobile app. The students gain knowledge and experience on easy concepts and techniques for problem-solving questions, communication skills, and time management.

### CSBS



In a commendable display of commitment to health awareness, Kishore Kumar, a dedicated student from the CSBS class participated in a 4.5-kilometer walkathon on September 24 at Kauvery Hospital. This event was organized to raise awareness about Polycystic Ovary Syndrome (PCOS), a prevalent and often under-addressed health concern. Kishore Kumar's active involvement in this initiative exemplifies the importance of community engagement in promoting women's health.

## CIVIL



The TNSCST-sponsored program (science and technology) for capacity building for industrial needs was conducted for six days in two phases. Various industrial and technical expertise have addressed students' behavioral and skill developments based on current industrial needs.

## IT



In view of framing the curriculum for I-Final Year IT students, the IT department conducted a Board Of Studies (BOS) meeting on 25.09.2023

## FACULTY ACHIVEMENTS

- During September 2023, Four Faculty from the Department of Computer Applications have completed Coursera Certification Program
- Three Faculty members published their papers in IEEE Conference, and in September the conference got indexed in Scopus

1. An Effective Security Protocol Design for IRIS based Credential Evaluation using Intensive Deep Learning Scheme Author: Malathy, K. Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023, 2023
2. An IoT enabled Malware Identification Mechanism over Digital Documents using Predictive Learning Scheme Author: Juliet, N Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023, 2023
3. IoT Assisted Drunk and Drive People Identification to Avoid Accidents and Ensure Road Safety Measures Author: Sankar, R Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023, 2023


H&S



Dr. Niranjan Kumar.K.A Completed Ph.D. in Department of Mathematics on 21.9.2023



**Vel Tech**  
Rangarajan Dr. Saguithala  
R&D Institute of Science and Technology  
(Banned by the University Ed. Act of UGC Act, 1986)

Date: 31-09-2023

**CIRCULAR**  
**Ph.D. Public Viva Voce Examination**

Name of the Candidate	: K.A. Niranjan Kumar
Reg. No. of the Candidate	: 19RHMA1008
Title of the Thesis	: "A Study on Controllability and Stability of Modified Chaotic Colpitts Oscillator"
Department	: Mathematics
Supervisor & Convener	: Dr. R. Narmada Devi Associate Professor Department of Mathematics Vel Tech.
Date	: 21.09.2023 (Thursday)
Time	: 11.00 a.m.
Venue	: Video Conference Hall, Vel Tech

**ALL ARE CORDIALLY INVITED**

Copy to:

1. The Office of Vice Chancellor
2. The Office of Registrar
3. All Deans
4. All Heads of the Departments
5. The Web Admin
6. Notice Boards



Controller of Examinations  
*C. S. Srinivasan*

No. 41, Avadi Vel Tech Road, Vel Nagar, Avadi, Chennai - 600 042, Tamil Nadu, India. | Toll Free : 1800 212 7869  
Landline : +91 44 2684 0242 / 2684 0605 | Email : registrar@veltech.edu.in | Website : www.veltech.edu.in

## MBA

Students of the Master of Business Administration have participated in COMBAT 2023, organized by D.D.G.D. Vaishnav College, School of Management, Chennai, on September 25th and 26th, 2023.



## IT

Student Akalya Dharshini of the 2nd year IT Department participated in the Chandrayaan-3 Mahaquiz conducted by the Central Government of India and ISRO.





## **CIVIL**

### **CONFERENCE PUBLICATIONS**

#### **INTERNATIONAL**

- Ms.Karthika V, Presented and published a paper titled “Study on Coconut Shell Aggregate Behavior and the Use of Super Absorbent Polymer as an Internal Curing Agent” in International Conference on Advances and Innovations in Recycling Engineering, Advances in waste Management, 2023, 301 LNCE, pp. 201–210

#### **SCOPUS**

- Karthika.V, Published the paper “EXPLORING THE PERFORMANCE OF VOIDED CONCRETE SLABS UTILIZING GEOPOLYMER TECHNOLOGY” in the Journal of the Balkan Tribological Association. 2023, 29(3), pp. 390–399.
- Mr.G.Vinoth Kanna, Published the paper “ENHANCING RICE YIELDS IN RED SOIL THROUGH AZOTOBACTER CULTIVATION” in the journal of Oxidation Communications, 2023, 46(2), pp. 489–498.
- Mr.G.Vinoth Kanna, Published the paper “SPATIAL TEMPORAL VARIATIONS OF WATER HYACINTH IN A DELAYED FISHERIES SYSTEM” in the Eur. Chem. Bull. 2023, 12(Special Issue 4), 4329-4345

#### **PATENTS**

- Filed 1. A Patent is filed on the topic concrete mixer machine by Mrs.Deepana.G, Assistant professor. This novelty of machine is based on shape and configuration.
- Filed 2. A Patent is filed on the topic “Effects of Partial Replacement of cement with Hypo sludge in Concrete” by Mr.Vinoth Kanna.G, Assistant Professor.

**RESEARCH PROPOSALS, CONSULTANCIES**

- **Dr.M.Thanikachalam** has Submitted a fund request on “Recent Advances in Land Surveying and Mapping” to All India Council for Technical Education with a fund request of Rs.1,00,000/-

**PH.D****PURSUING PH.D**

1. **Ms.Karthika V**, Pursuing Ph.D from Anna University has completed confirmation on 30.03.2023. Her research topic is “Photocatalytic degradation of pharmaceutical compounds in aqueous environment” She has developed a photocatalytic reactor for performing her experiments, which is also filled for Patent.
2. **Mr.G.Vinoth Kanna** Pursuing Ph.D from SRM University has completed Coursework. His research topic is “Health monitoring of heritage buildings”
3. **Mr.S.Saravanakumar** Pursuing Ph.D from SRM University on the topic “Assessment of pollutants in water sediments of pallikaranai marshland.

## EEE

## CONFERENCE PUBLICATIONS

## INTERNATIONAL

- Ms. C Poonguzhali, Advancements in sensor technology and computer vision for enhanced road safety and anomaly detection using machine learning approach at the 3rd International Conference on Ubiquitous Computing and Intelligent Information Systems organised by Shree Venkateswara HI- Tech Engineering College, Gobichettipalayam, Erode, 1&2 September 2023
- Energy Efficient Routing Algorithm with Mobile Sink Assistance in Wireless Sensor Networks, S.Sugumaran ; C.Geetha ; Suvitha.S ; P.C.Bharath Kumar ; T.D.Subha ; J.R. Arunkumar ,2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI) Year: 2023 | Conference Paper | Publisher: IEEE, DOI: 10.1109/ACCAI58221.2023.10201142

## JOURNAL PUBLICATIONS

## SCI

- Underwater clustering based hybrid routing protocol using fuzzy ELM and hybrid ,ABC techniques ,Sathish Kumar, P.J. | Ponnusamy, Muruganantham | Radhika, R. | Dhurgadevi, Journal of Intelligent & Fuzzy Systems, vol. 45, no. 1, pp. 831-843, 2023
- Simulation of Native Oxide passivated CsSn<sub>0.5</sub>Ge<sub>0.5</sub>I<sub>3</sub> highly stable lead - free inorganic perovskite solar cell, L.M.Merlin Livingston, R Thandiah Prabhu, R Radhika and Atul Kumar, DOI-10.1002/pssa.202300227, Phys. status solidi, Wiley Publications
- Energy efficient region based source distributed routing algorithm for sink mobility in wireless sensor network, Shanmugam Pradeep, Tapas Babu Bathey Ramesh Babu, Radhika Rajesndran , Ramachandran Anitha

## SCOPUS

- Synergizing Artificial Intelligence, 5G, and Cloud Computing for Efficient Energy Conversion Using Agricultural Waste,Anurag Vijay Agrawal, G. Shashibhushan, S. Pradeep, S. N. Padhi, D. Sugumar, Sampath Boopathi ,Source Title: Sustainable Science and Intelligent Technologies for Societal Development ,DOI: 10.4018/979-8-3693-1186-8.ch026

**Ph.D****PURSUING PH.D**

- **Ms.P.Sasirekha Assistant Professor/ECE doing Research work in the area of Internet of Things under the guidance of Dr. G Kavya, Professor / ECE**
- **Ms.K.M.Dhanalakshmi Assistant Professor/ECE doing Research work in the topic of Wearable antenna under the guidance of Dr. G Kavya, Professor / ECE**
- **Mr.M.Bharaneedharan Assistant Professor/ECE doing Research work on the topic of E-Health Architectural analysis using Cyber Physical System (CPS)under the guidance of Dr. G Kavya, Professor / ECE**
- **Ms. M.Ramya Assistant Professor/ECE doing Research work in Wireless Communication under the guidance of Dr.C.Arunachalaperumal ,Professor & HOD,Dept of ECE,Ramco Institute of Technology, Rajapalayam**
- **Mr. D.Prakash Assistant Professor/ECE doing Research work in Embedded Systems under the guidance of Dr.K.Sathiyasekar,Professor /EEE,Prathyusha Engineering College,Chennai**
- **Mr.S.Pradeep Associate Professor/ECE doing Research work on Wireless Sensor Network under the guidance of Dr.B.R.Tapas Babu., Professor&HOD/ECE,S.A.Engineering College**
- **Ms.R.Ashwini Assistant Professor/ECE doing Research work on Image Processing under the guidance of Dr.R.Vani,Professor/ECE,SRM IST.**
- **Ms.K.Mekaladevi Assistant Professor/ECE doing Research work on Image Processing under the guidance of Dr. Joselin Ratna kumar, Asso. prof,SRM IST.**
- **Mr. Karunakaran Assistant Professor/ECE doing Research work in antenna under the guidance of Dr. K. J. Jegadish Kumar Associate ProfessorDept. of ECE,Sri Sivasubramanian Nadar College of Engineering**
- **Ms. Nithyasundari Assistant Professor/ECE doing Research work in VLSI under the guidance of Dr. P. Nirmal Kumar ,Professor, Anna University**
- **Ms. Madhini M Assistant Professor/ECE doing Research work in VLSI under the guidance of Dr.B.R.Tapas Babu., Professor&HOD/ECE,S.A.Engineering College**
- **Ms. Priscilla Assistant Professor/ECE doing Research work in VLSI under the guidance of Dr. Mohan Babu A Professor ,SRM University**

**Registered**

- Ms.Chitra,Assistant Professor/ECE registered Ph.d in Wireless sensor Network Under the guidance of Dr.Vinodhini.,Assistant Professor/ECE
- Ms.Vasumathi, Assistant Professor/ECE registered Ph.d in VLSI and Image Processing under the guidance of Dr.R.Vani,Professor/ECE,SRM IST.
- Ms.H.Ramya, Assistant Professor/ECE registered Ph.d in Image processing under the guidance of Dr.G.R.Jothilakshmi,Associate Professor/ECE, VELS UNIVERSITY.

**Supervisors**

- Dr.B.R.Tapas Babu., Professor&HOD/ECE
- Dr. G Kavya, Professor / ECE
- Dr.T.Annalakshmi.,Associate Professor/ECE
- Dr.Vinodhini.,Assistant Professor/ECE

**MBA****CONFERENCES ATTENDED****INTERNATIONAL:-**

- Dr.G.H.Kerinab Beenu and Dr.V.K.AJAY presented a paper at International Conference on Intelligent Systems (ICIS 2023) on 29/09/2023 & 30/09/2023 organised Industrial University of Ho Chi Minh City Vietnam.
- Dr.Deepa Rekha Suresh presented a paper at BİLSEL INTERNATIONAL GORDİON SCIENTİFİC RESEARCH CONGRESS, 29/30 SEPTEMBER 2023,ANKARA/TURKEY

**CONFERENCE PUBLICATIONS****INTERNATIONAL**

- Dr.Deepa Rekha Suresh presented the paper BİLSEL INTERNATIONAL GORDİON SCIENTİFİC RESEARCH CONGRESS, 29/30 SEPTEMBER 2023, ANKARA/TURKEY

**JOURNAL PUBLICATIONS****SCI-****SCOPUS-**

- Dr.G.H.Kerinab Beenu and Dr.V.K.AJAY presented a paper in the International Conference on Intelligent Systems (ICIS 2023) on 29/09/2023 & 30/09/2023 organised the Industrial University of Ho Chi Minh City Vietnam.

## CSE

- Niveditha .M  
3rd year CSE A,  
Full stack web developer,  
Amacle studios, Punjab
- Mohammed Anas.H  
3rd year CSE A,  
Associate software developer  
Sachtak, Ahmedabad



Amacle Studios

## CIVIL

- Pre-final year students have been selected for Internship in various firms and performing their Internship effectively.
- Out of 14 pre-final year students , 12 students got an internship in core company
- Meking India Pvt ltd has hired a student as a permanent employee.



architecture **RED**  
research + design



# NSS Activities



## CIVIL ENGINEERING

“PCOS AWARENESS WALKTHON” was organized by Kauvery Hospital on September 24th in association with ExNoRa International. At this event, our students Harish Kumar R., Gukan S., Aravindan K., Jason Philip A., Gibson Kishore of the second year, and Dilip Poovarasan S. and Yuvaraj P. of the third year played a small role in creating awareness about PCOS in society.

## MASTER OF COMPUTER APPLICATIONS

The National Service Scheme (NSS) is a government initiative that aims to promote social justice and selfless service in India. NSS events are conducted regularly across the country to create awareness about social issues and encourage volunteerism. On sept 15 2023 at 11:00 am

To create a pledge for an NSS event on social justice, you could consider the Following points :

- The importance of promoting social justice
- The role of NSS in promoting social justice
- The need for selfless service
- The importance of treating everyone with respect and dignity
- The need to stand up against discrimination and inequality





ANNA UNIVERISTY ZONE -1 GENERAL BODY MEETING ON 07th OF SEPTEMBER-2023



ACHIEVEMENTS AND CONDUCTED EVENTS



OUR COLLEGE CHESS MEN TEAM ACHIEVED THIRD PLACE IN ANNA UNIVERSITY ZONE-1 CHESS TOURNAMENT HELD AT SRIRAM ENGG COLLEGE ON 25-09-23

OUR COLLEGE TABLE TENNIS WOMENS TEAM SECURED THE WINNER IN ANNA UNIVERSITY ZONE -1 TOURNAMENT HELD IN OUR COLLEGE ON 27-09-2023



OUR COLLEGE TABLE TENNIS MEN TEAM SECURED WINNER IN ANNA UNIVERSITY ZONE -1 TOURNAMENT HELD IN OUR COLLEGE ON 27-09-2023



# **EDITORIAL BOARD**

## **Founder**

**Thiru. D. Sudharssanam, Founder Chairman**

## **Board of Trustees**

**Thiru. D. Duraiswamy, Chairman**

**Thiru. D. Paranthaman, Vice Chairman**

**Thiru. D. Dhasarathan, Secretary**

**Thiru. S. Amarnaath, Treasurer/Correspondent**

**Thiru. S. Gopinath, Joint Secretary**

**Tmt. D. Saraswathi, Director, Sudharsanam Vidyaashram**

**Dr. S. Aravind, Director, S.A. College of Arts & Science**

**Thiru. D. Sabarinath, Director, S.A. Engineering College**

**Thiru. P. Venkatesh Raja, Correspondent, S.A. College of Arts & Science**

## **Editor-in-Chief**

**Dr. S. Ramachandran, Principal, SAEC**

## **Editors**

**Dr.M. Thanikachalam, Professor & Head, Department of Civil Engineering**

**Dr.S. Koteeswaran, Professor & Head, Department of CSE (AI and ML)**

**Mrs.G. Sri Nidhya, Associate Professor, Department of H&S**

**Dr.S. Sangeethapriya, Associate Professor, Department of H&S**

**Ms. J. S. Theptha, Assistant Professor, Department of EEE**

## **Associate Editors**

**Dr.Praveen Kumar. S, Assistant Professor, Department of Mechanical Engineering**

**Dr. Nalini. M, Associate Professor, Department of CSE**

**Mr. Rajarajan. S, Assistant Professor, Department of Mechanical Engineering**

## **Executive Committee Members**

**Dr. R.Geetha, HoD ,CSE**

**Prof. A.M. Sermakani, HoD (Incharge), IT**

**Dr. B.R Tapas Bapu, HoD, ECE**

**Dr. G.Rohini , HoD, EEE**

**Prof. C.Dhanesh, HoD, MECH**

**Dr. K.Dinakaran, HoD, AI-DS**

**Dr. Antonidoss A, HoD, CSBS**

**Dr. R. Hariharasuthan , HoD, H&S**

**Dr. G.H.Kerinab Beenu, HoD, MBA**

**Dr. V.Sujatha, HoD, MCA**

---

## Executive Committee Members

### STUDENTS

<b>SL:NO</b>	<b>NAME OF THE STUDENTS</b>	<b>DEPARTMENTS</b>
1.	SRINATH A	III ECE
2.	EASHWAR T	III ECE
3.	RISHIKESH N	H&S
4.	LINGESWARAN B	III IT
5.	SREEJITH P	III IT
6.	SIVASREE M	I MBA
7.	DHAKSHANYA S R	I MBA
8.	THIVYA DHARSHINI S	II AI-DS
9.	GEORGE D MAVERICK	II AI-DS
10.	ARAVINDAN K	III CIVIL
11.	GNANESH V S	II AIML
12.	SRI RAM	II AIML
13.	SUNDAR PRAKASH	II CSBS
14.	MAALAN	II CSBS
15.	MEENAKSHI	II CSE
16.	REVATHY	II CSE
17.	ROSHAN MAHARAJAN	III EEE
18.	SELVA MAARI I	III EEE
19.	SANTHOSH KUMAR S	III CIVIL
20.	HARIVIGNESH	III MECH
21.	KRISHNAMOORTHY V	I MCA
22.	SURIYAPRAKASH	I MCA
23.	ADITYA KALIDAS	H&S
24.	PRAGADEESH	III MECH