



Memorandum of Understanding



First Prize in District Level Chief Minister's Trophy Badminton Tournament



International Yoga Day 2023

# Memorandum of Understanding



On an objective to enrich training and internships a MoU between Entu-diopvt Ltd, and SCAD College of Engineering and Technology has been signed on 26-06-2023. Dr.A. Justin Diraviam, Principal, Dr.R.Sundararajan M Team Head, Prof.R.Santhana Krishan M Team, Prof.S.RamPrasath Vertical Head, Prof.Johnson HOD/ECE have participated in this MOU.

## Sports Activity

Hearty congratulations to Mrs. J. Ebens Nikshya, Assistant Professor / ECE department, who has achieved first prize in district level Chief Minister's trophy badminton tournament. We sincerely appreciate her hard work and determination and wish her success in all her future endeavours.



## International Yoga Day 2023

"Yoga for Humanity" is the theme of International Yoga Day 2023, and this year the Yoga Day theme is 'Yoga for VasudhaivaKutumbakam', i.e. Yoga for the Good of All in the form of 'One World - One Family". It emphasizes the spirit of yoga that unites and takes everyone along.

The Department of Physical Education organized the International Yoga Day celebrated on June 21, 2023 from 11:00 am to 12:30 pm at BABU Auditorium SCAD campus. Around 250 first year students have participated in the program. The day started with an opening ceremony led by Dr. A. Justin Diraviam, Principal, and Mr.S. JeyaPandi, Administrative Officer, who welcomed all the participants, in the presence of Mr. R. Thambidurai, General Manager (SCAD Campus), and the Chief Guest Mr. G. PetchiDurai, Yoga Master of Athiri Yoga Centre, Suthamalli, Tirunelveli, who conducted the day. The theme of the day

**INSTITUTION ACHIEVEMENTS**

SCAD College of Engineering and Technology has been Ranked in the Band **"PROMISING"**

**ARIIA**  
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

Out of 14,505 Technical Institutions, SCADCET has been ranked one of the top Institutions in India.

**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education Initiative)

★★★★★

4 Star Status by the Ministry of Education, Govt. of India.

For Innovation and Entrepreneurship

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was the basics of yoga practice, the importance of yoga and live demonstrations of yoga. He gave a very informative class on the importance of yoga and the relevance of yoga in our daily lives. The students and staffs have had the opportunity to learn how yoga embodies the unity of body and mind. The staff, interns and students participated in the program. The event was end with a vote of thanks by Ms. D. Yamini AP/ECE.



## Department News

### Department of Civil Engineering Cultural Club Singing and Dancing Competition

On behalf of the Cultural Club, the Department of Civil Engineering organised a "Singing and Dancing Competition" on the theme Energy Management. Around 150 students participated in this event. The cultural events were conducted in a befitting manner. The events of the day long program started with a welcome address by Ms. Naufa of I year CSE. A key note about the attayapattaya games was given by Mr. EssakiGanesan the chief guest who motivated the students well in sports. The session was then preceded by the principal Dr. A. Justin Diraviam who spoke about the importance of cultural activities.

This event was coordinated by Mrs. Y. Reeginal, Assistant Professor/Physics and Mrs. S. Jeyasri Lakshmi, Assistant Professor/Chemistry. The participants were rewarded with certificates and prizes at the end of the day. The event was end with a vote of thanks by Ms. Iswarya of I Year ECE.



### Department of Electrical & Electronics Engineering Cultural Club Yoga Club - Yoga Awareness Programme

On account of International Yoga Day, a Yoga Awareness Programme was conducted for the students of the first year on 21/06/2023 by the Yoga Club. The students were educated on the importance of Yoga. The importance of Yoga is to maintain not only physical and mental health but also a healthy social life. "Yoga for VasudhaivaKutumbakam" (Earth is my home) has been the theme of the yoga day celebration. Mr. G. PetchiDurai (Yoga and Naturopathy)

taught the students various asanas. He started the session with warm-up and stretching, followed by a series of Asanas such as Padmasana, Paschimot-tasans, PawanMuktasana, Vajrasana, Dhanurasana, Sarvangasana, and ending with Shavasana. In addition a seminar was also conducted on Yoga Day and its significance Mr. S. Arun M.B.A. (Branch Manager) LIC of India, Cheranmahadevi, Mr. V. Sri Magesh (Asst. Branch Manager) LIC of India, Cheranmahadevi and Mr. V. Packianathan, (Field Officer) have been the guest speakers who spoke about Yoga Day.

This Program was coordinated by Mrs. Angel selva Packyam.S, AP/EEE.



### Department of Electronics & Communication Engineering A New Vista to Promote Entrepreneurship

The Entrepreneurship Development Cell of ECE in association with Institution's Innovation Council, Ministry of HRD Initiative, and Government of India organized a seminar on 26.06.2023. The theme of this session was A New Vista to Promote Entrepreneurship. The main objective of the session was to promote the importance of innovation for starting entrepreneurship. The interactive session was presided by the chief guest Mr. R. Santhana Krishnan, AP/ECE, M-Team, SCAD College of Engineering and Technology who explained the concept of entrepreneurship and the need for choosing the entrepreneurship as a career path. He also gave few examples from the successful Indian entrepreneurs. He inspired the students by giving motivating stories relating to entrepreneurship. The session was an interactive one where the students were very much participative in order to gather information about entrepreneurship and clarified their doubts. The students discussed a few business opportunities with the guest speaker. The guest speaker while clarifying

## Department News

the doubts of the students gave lot of practical examples from the real-life experience. A total of 42 students have participated in the session Students enjoyed listening to the guest speaker as the topic was very interesting and informative. The Session-came to an end with a vote of thanks by M.AshokKumar,AP/ECE, EDC Coordinator of yhe department of ECE.



### Department of Management Studies Entrepreneurial Opportunities in Restaurant Business

Department of Management Studies in association with the Entrepreneurship Development Cell has organised a session on “Entrepreneurial Opportunities in Restaurant Business” for the Iyear MBA Students on 23rd June 2023. The Programme started with Prayer, Dr. V.Rajalakshmi, HoD- MBA addressed the gathering with welcome note and introduced the resource person Dr. A. Justin Diraviam, Principal, SCADCET. The resource person has given innovative thoughts and ideas to the young budding entrepreneurs about the restaurant business opportunities.



“Inspiration does exist, but it must find you working.”  
- Pablo Picasso

### Department of Training and Placement Placement Offer



Mr. M. Lakshmanan  
IV B.E.(CSE)

Congratulations to Mr. M. Lakshmanan, IV B.E.(CSE) who is selected in Mallow Technology. On behalf of the management, Principal and faculty we congratulate onhis success.



Mr. P. Abinesh  
IV B.E.(Mech)

Congratulations to Mr. P. Abinesh, IV B.E.(Mech) who is selected in Sea6 Energy Ltd as Graduate Engineer Trainee. On behalf of the management, Principal and faculty we congratulate onhis success.



Ms. P ThangaRamana  
IV B.E.(CSE)



Ms. T. Rama Chitra  
IV B.E.(CSE)

Congratulations to Ms. P Thanga Ramana and Ms. T. Rama Chitra, IV B.E.(CSE) who were selected in Faceprepas Associate Trainer. On behalf of the management, Principal and faculty we congratulate on their success.

## Department News

### Resume Building Interview

The Resume building interview for this academic year has been successfully completed for I year students. For 12 batches of first year engineering students, faculty incharges of various Applied Laboratories have acted as interview panel members at various interview venues. It was a great initiative to train our students on communication and interview techniques. This interview on resume building has been a wonderful opportunity for the practise students to improve their resume building aspects as they prepare to graduate. The interview questions were focused on stimulating career development, skill development, job aspiration, expressing abilities, curricular activities, etc. It was an overall eye opening session for the students. The panel members and the mentors were able to help students to overcome their fears to face the interview. The students have given their sincere performance along with their resume and necessary documents. Besides, the students were also encouraged to focus on upgrading their careers by participating in various curricular and extracurricular activities. This session was very well coordinated by respective Applied Lab Incharges, instructions given by Professor Placement Dr. J. Allwyn Kingsly Gladston with relevant resume building question, sources guidelines and organized by Prof. R. Santhana Krishnan AP /EEE.



### Product Development Lab (Applied Lab) Seminar

On 14th June 2023, on behalf of the EEE department, Applied Lab and Training and Skill Development organised a seminar on "Digitalization and Industry 4.0" from 02.00 p.m. to 03.30 p.m. in Hall MB113. Er. R. Bhuvneshwaran, Service Engineer from Siemens Pvt Ltd has been arranged as the chief guest for the seminar. Principal Dr. A. Justin Diraviam welcomed the gathering and initiated this seminar. 60 first year EEE and ECE students gained knowledge about recent developments in industrial automation and Industry 4.0. This seminar was coordinated by Dr. R. Arul Jose, Professor/TSD, and Mr. A. Ferminus Raj, Product Development Lab In-Charge.



### Women Empowerment Cell

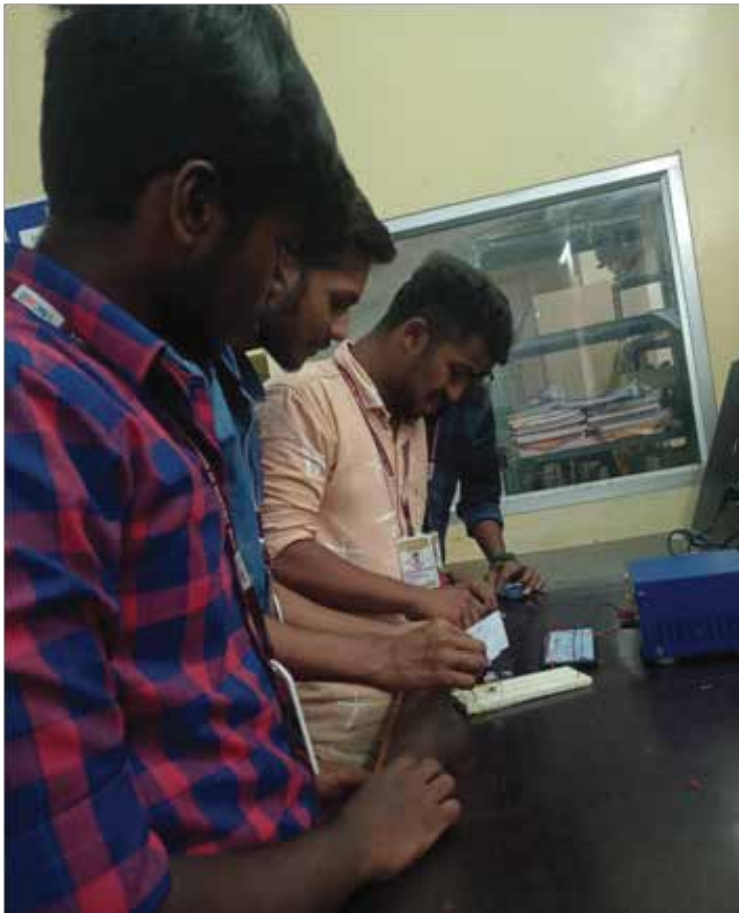
Are you a feminist? "Yes," some readily answer. Others grimace and deny any involvement with that man-hating" movement. So as to convey the real meaning of Feminism in modern era, an awareness program was arranged on behalf of Women Empowerment Cell on 20-06-2023. This programme was coordinated by Mrs. Yamini, Asst. Professor/ECE Department. 40 women's cell students participated and the gathering was addressed by Mrs. Rajalakshmi, HOD/MBA. The speaker, Mrs. Mary Shiny J, Student's Counsellor gave a live session through a PPT demonstrating the stigma about Feminism in the nation along with basic knowledge about how to voice out when you are women and educated the purpose of the same. The college students actively interacted and benefited from this eye opening session.



## Skill Training

### Department of Electronics & Communication Engineering

On behalf of the Department of Electronics and Communication Engineering, evening special initiative skill training on Prototyping Digital Systems was provided to students of first year ECE on 26 to 30.6.2023. The students have learned about the IC 555 (timer) and acquired knowledge about touch on off sensor using two pairs of conductors to sense along with its applications. A total of 20 students have been benefited from this training. This session was conducted by Mrs. D. Yamini, Asst. Professor/CSE



### Department of Computer Science and Engineering

On behalf of the Department of Computer Science and Engineering, evening special initiative skill training on Introduction to Photoshop was provided to students of first year CSE on 26 to 30.6.2023. Around 20 students have been benefited from this training. This programme coordinated by Mrs. Christina Ranjitham M, Asst. Professor/CSE.

"Teachers can open the door, but you must enter it yourself."  
-Chinese proverb



### Department of Civil Engineering

Department of Civil Engineering conducted an Evening Special Initiative Skill training entitled "Mapping Using GIS". This Skill training was offering to the first year Civil Engineering students. Around 6 of our first year students have attended the skill training and have learned about basic ideas about GIS application in the field of Civil engineering and Basic of QGIS software. This session was trained by Mr. M. Ratheesh. AP/ CIVIL.



### Entrepreneurship Development Cell Department of Computer Science & Engineering

The Entrepreneurship Development Cell of ECE in association with Institution's Innovation Council, Ministry of HRD Initiative, and Government of India organized a seminar on 28.06.2023. The theme of the session was "Entrepreneurship Opportunities in Waste Management". The main objective of the session was to promote the importance of Waste Management through which business can be started. This interactive session was presided by the resource person Mr. M. Ratheesh, AP/CIVIL, IIC Innovation Ambassador, who shared knowledge on the concepts of Waste Management and also types of wastes. He further explained some of business opportunities through waste. The topic has been interesting and was enjoyed by the students. The session was ended with vote of thanks by M. Ashok Kumar, Asst. Professor/ECE.



"The purpose of our lives is to be happy."

- Dalai Lama

## Skill Training

## Research and Developments

### Department of Electrical & Electronics Engineering

The Department of Electrical and Electronics Engineering conducted evening special initiative skill training "Digital Circuits for Beginners" on 26 to 30.06.2023. Around 14 students from First Year EEE department have participated in this Skill Training and got benefited in piezo electric knock on off sensor using 555. This session was conducted by Mr.A.Rajesh K. HOD/EEE.



### Department of Mechanical Engineering

The Department of Mechanical Engineering conducted evening special initiative skill training "TECNOMATRIX Plant Simulation" on 26 to 30.06.2023. Around 9 students from First Year Mechanical department have participated in this Skill Training and got benefited in simulation. This session was conducted by Mrs. K. Buvaneshwari, Asst. Professor/Mech. As its outcome of this skill the students have learned about TECNOMATRIC Software (Plant simulation).



### Paper Published

Mr. C.R.T. SuriyaPraksh, Assistant Professor/-Civil and final year Civil Engineering students Mr. T. YacobuJebasingh, Mr. M. Muthu Prakash and Mr. J. Hariharan have published a paper entitled "Comparative Study on Conventional Concrete and Bendable Concrete with Replacement of Waste Activated Sludge". In IJRAR UGC approved Journal with an impact 7.17 Impact Factor. Their Contribution are highly appreciated.



Mr. C.R.T. Suriya Prakash,  
Assistant Professor/Civil



Mr. Yacobu Jebasingh T  
IV B.E. (Civil)



Mr. Muthu Prakash M  
IV B.E.(Civil)



Mr. Hariharan J  
IV B.E.(Civil)

Dr. M.M. Vijay of ECE Department has published a paper titled "Certain Investigation of Optimization Methods of Sensor Nodes in Biomedical Recording Systems" via 2023-9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023, which is got indexed in Scopus. His contribution is highly appreciated.



Dr. M.M. Vijay  
Associate Professor/ECE



Research and Developments

Dr. Shunmugasundaram M of MBA Department has published a paper titled " An Improved Artificial Intelligence based Service Quality to Increase Customer Satisfaction and Customer Loyalty in Banking Sector" via 2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings which is got indexed in Scopus.His contribution is highly appreciated.



Dr. M. Shunmugasundaram  
Associate Professor/MBA



Mr. V. Krishna Sankar, HOD/Civil and final year Civil Engineering students Mr. M. Rajesh, Mr. N. Vikram Maharaja and Mr. M. Abdul Rahuman have published a paper entitled "Experimental Investigation on Abaca & Steel Fiber in Hybrid Concrete". In IJRAR UGC approved Journal with an impact 7.17 Impact Factor. Their Contribution are highly appreciated.



Mr. V. Krishna Sankar,  
HOD/Civil



Mr. M. Rajesh  
IV B.E.(Civil)



Mr. N. Vikram Maharaja  
IV B.E.(Civil)



Mr. M. Abdul Rahuman  
IV B.E.(Civil)

Mr. R. Santhana Krishnan of ECE Department has published a paper titled " An Efficient IoT based Smart Vehicle Parking Management System" via Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023 which is got indexed in Scopus.His contribution is highly appreciated.



Mr. R. Santhana Krishnan  
Assistant Professor/ECE



Dr. S. Gopikumar, Professor/Civil and final year Civil Engineering students Mr. D. DhanaSekar, Ms. Subhashini Rajkumar and Ms. A. Abarna have published a paper entitled "Restoration of Reclaiming Water of Porunai River Basin Using GIS and IOT". In IJRAR UGC approved Journal with an impact 7.17 Impact Factor. Their Contribution are highly appreciated.



Dr. S. Gopikumar,  
Professor/Civil



Mr. D. Dhana Sekar  
IV B.E.(Civil)



Ms. Subhashini Rajkumar  
IV B.E.(Civil)



Ms. A. Abarna  
IV B.E.(Civil)

## Research and Developments

### Conference Presentation

Dr. C. Vasantha Kumar, Professor/Mech and Mr. R. Santhana Krishnan, Assistant Professor/ECE have successfully presented the paper entitled “Revamping Urban Parking with IoT and CNN” at the International Conference on Sustainable Computing and Smart Systems (ICSCSS 2023) organized by Hindusthan College of Engineering and Technology, Coimbatore. Their contribution are highly appreciated.



Dr. C. Vasantha Kumar  
Professor/Mech



Mr. R. Santhana Krishnan,  
AP/ECE

### Faculty Development Programme

Mrs. A. Valli, Assistant Professor/Maths has participated in the Faculty Development Programme on “Recent Trends in Graph Theory organized by Division of Mathematics, School of Advanced Sciences” at Vellore Institute of Technology Chennai. Her knowledge acquired will be beneficial to the students.



Mrs. A. Valli  
Assistant Professor/Maths

The following faculty and students have successfully presented the paper at 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN 2023) organized by Narasu’s Sarathy Institute of Technology, Salem. Sincere appreciations on their scholarly achievements.

Sl. No.	Name	Title
1	Dr. A. Justin Diraviam, Principal	Smart Voice-Guided Assistance stick for the Visually Impaired
	Mr. M. Ashok Kumar, Asst. Professor/ECE	
	Ms. N. Durga, IV B.E.(ECE)	
	Ms. K. Banupriya, IV B.E.(ECE)	
	Ms. Sadhana Shri Dharmarajan, IV B.E.(ECE)	
2	Dr. S. Sundararajan, Professor/Mech	Future of Shopping: IoT enabled Automatic Bespoke Shopping
	Mr. S. Ramprasath, Asst. Professor/CSE	
3	Mr. R. Santhana Krishnan. R, Asst. Professor/ECE	IoT enabled Waste Management Optimization Framework (IWMOF)
	Mr. A. Essaki Muthu, Asst. Professor/CSE	
	Mr. Thirupathieswaran. R, Asst. Professor/Mech	
4	Dr. J. Relin Francis Raj. J, Assoc. Professor/ECE	Enhancing Pool Safety and Efficiency with an IoT supported Monitoring System
	Mr. K. John Samuel Raj, Asst. Professor/ECE	
	Mr. A. Essakisurya, IV BE(ECE)	
	Mr. A. Mahesh Raj, IV BE(ECE)	
	Mr. K. Janarthanan, IV BE(ECE)	
	Mr. M. Durairaja, IV BE(ECE)	

“Education is not the filling of a pail, but the lighting of a fire.”

-W.B. Yeats



## Research and Developments



Dr. A. Justin Diraviam  
Principal



Dr. S. Sundararajan,  
Professor/Mech



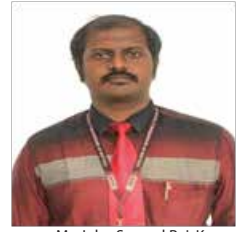
Mr. Santhana Krishnan, R  
Asst. Professor/ECE



Dr. Relin Francis Raj, J.,  
Assoc. Professor/ECE



Mr. S. Ramprasath,  
Asst. Professor/CSE



Mr. John Samuel Raj, K  
Asst. Professor/ECE



Mr. Essaki Muthu, A  
Asst. Professor/CSE



Mr. Thirupathieswaran, R  
Asst. Professor/Mech



Mr. M. Ashok Kumar  
Asst. Professor/ECE



Ms. Durga, N,  
IV B.E.(ECE)



Ms. Sadhana Shri Dharmarajan,  
IV, E.(ECE)



Ms. Banupriya, K,  
IV B.E.(ECE)



Mr. Essakisurya, A,  
IV BE(ECE)



Mr. Essakisurya, A,  
IV BE(ECE)



Mr. Janarthanan K,  
IV BE(ECE)



Mr. Durairaja, M,  
IV BE(ECE)

## NSS Activity

### Tree Sapling for World Environment Day

On account of World Environment Day, tree saplings were planted at our campus on 05-06-2023 in our campus. The principal, Dr. A. Justin Diraviam, addressed the students on conservation of the natural environment. Professor Dr. S. Sundararajan explained the importance of trees to the students. Around 50 students participated in the event. The events arranged well by the NSS Coordinator, Mr. A. John Sekar, and the college event coordinator, Mrs. S. Jeyasri Lakshmi, along with the Administrative Officer, Mr. S. Jeyapandi.



"Education is a better safeguard  
of liberty than a standing army."  
- Edward Everett

### Anti-Drug Awareness Program

On 26-06-2023, an Anti-Drug Awareness Program was organised by the NSS Unit of our College at Babu Auditorium. Around 175 students of various schools participated in the Awareness Program. This program was coordinated by Mr. A. John Sekar, NSS PO.



## Department of Physical Education

### Sports Club - Volleyball and Badminton

On behalf of the Sports Club, the Department of Physical Education organised a "Volleyball and Badminton" tournament. Mr. C. EsakkiGanesan, Physical Education Teacher, Govt. High School was invited as a chief guest. This event was coordinated by Mr. G. ArumugaNainar, Physical Director. Around 150 students participated in this sports. Prizes and Medals were distributed to the winners by Principal Dr. A. Justin Diraviam and Chief Guest.



### Yoga Day

In order to enlighten the students of schools the Department of Physical Education has offered an outreach program International Yoga day celebration at Bharathiyar Government Higher Sec School, Veeravanallur. A total of 300 students have taken part in the event. This program was organised by Mr. G. ArumugaNainar, and Mr. M.Oscar Directors of Physical Education

