



Idea Presentation

CONGRATULATIONS

APPLIED LABS

25th February 2023

2nd Prize Winners

IDEA PRESENTATION

1. Mr. Sujithpool pandian, III CSE, Mobile Appcelerator lab
2. Ms. Suriya padmasri, III ECE, Robotics and Automation lab.

@ Sona College of Technology

Students of III year CSE Mr. Sujith Poolpandian, III CSE, Mobile Appcelerator lab,. Ms. Suriyapadmasri, III ECE, Robotics and Automation lab have won 2nd prize in Idea presentation held at Sona College of Technology on 25-02-2023. We congratulate the students for their achievements.

Babu Diagnostics - Meet



As a motive to provide clinical and pharmaceutical support to our faculty and employees of SCAD groups of institutions, the Babu Diagnostics Centre has been started by our management. In order to notify our students and staffs about various diagnostic service offered by the Centre, on 9th February 2023, a representative of Babu Diagnostics visited our campus and has met out Principal Dr.S.Sundararajan and Dr. Mohamed Sathik Director School of Computer Studies.

INSTITUTION ACHIEVEMENTS

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

"PROMISING"



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



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

For Innovation and Entrepreneurship



Primary Health Centre Village Nurse Visit

As the National Deworming Week is recognized the albendazole deworming tablets were distributed by Mrs. Annalakshmi, Village Health Nurse of Karisalpatti Primary Health Centre who visited the campus on 14th February.



Research and Developments

Research Paper Published

Dr. M. Palpandian, Associate Professor, Department of Electrical and Electronics Engineering has published two book chapters titled "A jigsaw puzzle-based reconfiguration technique for enhancing maximum power in partially shaded hybrid photovoltaic array-methodology" Green Energy Systems Design, Modelling, Synthesis and Applications, Elsevier 2023 & "A jigsaw puzzle-based reconfiguration technique for enhancing maximum power in partially shaded hybrid photovoltaic array - implementation" Green Energy Systems Design, Modelling, Synthesis and Applications, Elsevier 2023. His contribution is highly appreciated.



Dr. M. Palpandian, Associate Professor/EEE

11 - A jigsaw puzzle-based reconfiguration technique for enhancing maximum power in partially shaded hybrid photovoltaic array—Implementation

Abstract
To minimize the mismatch losses, the physical location of the modules in the photovoltaic (PV) array is rearranged based on the jigsaw puzzle pattern without altering the electrical connections. For the different shading patterns, the performance of the proposed reconfiguration technique is compared with the existing puzzle-based reconfiguration techniques such as low-loss, serpentine, odd-even, and Latin square. To validate the results, the performance of the proposed reconfiguration technique is tested in MATLAB/Simulink and an experiment setup for a real PV array. Hence, the simulation results show that the proposed technique improves the output power by 148.28% compared with the existing reconfiguration techniques. The effectiveness of the proposed arrangement is also validated experimentally and the results are presented in this chapter.

10 - A jigsaw puzzle-based reconfiguration technique for enhancing maximum power in partially shaded hybrid photovoltaic array—methodology

Abstract
The photovoltaic (PV) modules subjected to partial shading exhibits multiple peaks in the power-voltage characteristics leading to mismatch losses (ML). The hybrid reconfiguration is found to be superior to improve the performance of the PV array during partial shading conditions. This work aims to minimize the ML by using an optimized jigsaw (JG) puzzle based reconfiguration technique. The location of the modules is rearranged based on the JG puzzle pattern without altering the electrical connections. The performance of the proposed system is compared with different reconfiguration schemes. To validate the performance, the proposed reconfiguration technique is compared with the existing puzzle-based reconfiguration techniques such as low-loss, serpentine, odd-even, and Latin square.

Mr. R. Santhana Krishnan, Assistant Professor, ECE has presented a paper titled "A Hybrid Deep Learning based Classification of Brain Lesion Classification in CT Image using Convolutional Neural Networks" at 3rd International Conference on Artificial Intelligence and Smart Systems (ICAIS 2023) organized by the JCT College of Engineering and Technology, Coimbatore.



Mr. R. Santhana Krishnan, Assistant Professor/ECE



Mr. S. Ram Prasath, Assistant Professor of CSE has presented a paper titled "Location based Context Awareness with Multipoint Transmission by ELAML, Algorithm" at 3rd International Conference on Artificial Intelligence and Smart Systems (ICAIS 2023) organized by the JCT College of Engineering and Technology, Coimbatore.



Mr. S. Ram Prasath, Assistant Professor/CSE

Certificate of Appreciation

IIT Madras appreciate our principal Dr. S. Sundararajan for his instrumental role as SPOC for the SWAYAM-NPTEL Local Chapter.



Dr. S. Sundararajan Principal

Research and Developments

Mr. M. Subramanian, Assistant Professor of CSE has presented a paper titled "Location based Context Awareness with Multipoint Transmission by ELAML, Algorithm" at 3rd International Conference on Artificial Intelligence and Smart Systems (ICAIS 2023) organized by the JCT College of Engineering and Technology, Coimbatore.



Mr. M. Subramanian,
Assistant Professor/CSE



Mr. N. Mohan, Assistant Professor of CSE has presented a paper titled "Location based Context Awareness with Multipoint Transmission by ELAML, Algorithm" at 3rd International Conference on Artificial Intelligence and Smart Systems (ICAIS 2023) organized by the JCT College of Engineering and Technology, Coimbatore.



Mr. N. Mohan
AP/CSE



Prof. Dr. Jeyakumar GM(D), Dr. S. Sundararajan, Principal, Mr.R. Santhana Krishnan, Assistant Professor/ECE have published a paper titled "IoT based Smart Helmet for Safe Driving" through 6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 which is got indexed at Scopus.



Prof. Dr. K. Jeyakumar
GM (D)



Dr. S. Sundararajan
Principal



Mr.R. Santhana Krishnan,
AP/ECE

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IoT based Smart Helmet for Safe Driving

Krishnan, R. Santhana*¹; Lakshmi, R. Adh*²; Kalyanakumar P*³; Jeyakumar K*⁴; Sundararajan S*⁵; Narayanan, K. Lakshmi*⁶

Save all to author list

* Scad College of Engineering and Technology, Department of Electronics and Communication Engineering, Tirunelveli, India

² Pasa College of Engineering and Technology, Department of Information Technology, Dindigul, India

³ Valammal College of Engineering and Technology, Department of Information Technology, Madurai, India

⁴ Scad College of Engineering and Technology, Department of Mechanical Engineering, Tirunelveli, India

View additional affiliations

Mr.R. Santhana Krishnan, Assistant Professor/ECE, Mrs. A. Valli, Assistant Professor/Maths and Mr. K. Janarthanan, IV B.E.(ECE) have published a paper titled "A Hygienic Municipal Waste Collection System using IoT" through 6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 which is got indexed at Scopus



Mr.R. Santhana Krishnan,
Assistant Professor/ECE



Mrs. A. Valli
Assistant Professor/Maths



Mr. K. Janarthanan
IV B.E.(ECE)

"Change is the end result of all true learning."

- Leo Buscaglia

Research and Developments

6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings - Pages 679 - 681 - 2022 - 6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Coimbatore - 1 December 2022 through 3 December 2022 - Code 186067

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A Hygienic Municipal Waste Collection System using IoT

Jeyakumar K¹, Valsi A², Krishnan R, Sarthana³, Niranjan R⁴,
Narasayan K Lakshmi⁵, Jeyathasan H⁶

Save all to author list

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⁴Sri Krishna College of Engineering and Technology, Department of Electronics and Communication Engineering, Coimbatore, India

View additional affiliations

As the National Deworming Week is recognized the albendazole deworming tablets were distributed by Mrs. Annalakshmi, Village Health Nurse of Karisalpatti Primary Health Centre who visited the campus on 14th February.



Mr. R. Santhana Krishnan,
Assistant Professor/ECE

6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings - Pages 776 - 779 - 2022 - 6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Coimbatore - 1 December 2022 through 3 December 2022 - Code 186067

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Wi-Fi Based Touchless Bell Ringing System for Temples

Jayanti R P¹, Anjanani, Jhaskhola², Janaki M³, Jyothsna M⁴,
Narasayan K Lakshmi⁵, Krishnan R Sarthana⁶

Save all to author list

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²Department of Ece, Scad College of Engineering and Technology, Tirunelveli, India

Students of II year Electrical and Electronics Engineering, Ms. S. Fathima Feronzia, Ms. K. Buvaneshwari have won 3rd prize in paper presentation with a cash award of Rs.500 held at Karpagam Academy of Higher Education, Coimbatore. We congratulate the students for their achievements.

A research article entitled "Impact of dyes used in the mat on groundwater in and around Pattamadai, Tirunelveli District, Tamilnadu" through HSPI "Annals of Civil and Environmental Engineering" has been published by The Open Access Publisher. We congratulate our professors for their scholarly achievement.



Prof. Dr. K. Jeyakumar
GM (D)



Dr. S. Sundararajan
Principal



Dr. C. Antony Vasantha Kumar
Professor/Mech



Dr. J. Allwyn Kingsly Gladston
Professor/Mech



Dr. S. Gopikumar, Asso. Professor/Civil



Dr. K. Hari Babu, Asso. Professor/Mech

HSPI ANNALS OF CIVIL AND ENVIRONMENTAL ENGINEERING

Research Article

Impact of dyes used in the mat on groundwater in and around Pattamadai, Tirunelveli district, Tamilnadu

Gopikumar S^{1*}, Sundararajan S², Allwyn Kingsly Gladston J³, Antony Vasantha Kumar C⁴, Hari Babu K⁵ and Jeyakumar K⁶

¹Department of Civil Engineering, SCAD College of Engineering & Technology, Tirunelveli, India
²Department of Mechanical Engineering, SCAD College of Engineering & Technology, Tirunelveli, India

Abstract

The main focus of this study concentrates on evaluating the quality of groundwater in and around the zone of pattamadai where the production of the mat in this region is a landmark industry, which is using dyes in a larger volume. The primary work starts with the collection of water samples from 13 boreholes and 13 hand-dug wells in different time intervals in the month of March 2021, which is a dry season. As per standards the water quality parameters have been evaluated and observed to be within the range. All the physico-chemical parameters for the samples have been studied for boreholes and hand-dug wells as all the values are observed to be within the range and are highlighted in the results.

Keywords: Groundwater, Quality parameters, Public Health, Pollution

DOI: 10.23858/annals.aee.1521947

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Open Access



Ms. S. Fathima Feronzia
II B.E.(EEE)



Ms. K. Buvaneshwari
II B.E.(EEE)

Research and Developments

Patent Publication

Dr. S. Gopikumar, Asso. Professor/Civil has published a journal titled "Analysis of the Mechanical Properties of concrete produced with red ceramic construction and demolition waste" through Patent publication.

(12) PATENT APPLICATION PUBLICATION (21) Application No. 202341008025 A
 (19) INDIA (43) Publication Date : 17/02/2023
 (22) Date of filing of Application :06/02/2023
 (34) Title of the invention : Analysis of the mechanical properties of concrete produced with red ceramic construction and demolition waste



Dr. S. Gopikumar
Asso. Professor/Civil

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 (2) Mrs. S. Laxmi Anandha Devi
 (3) Mrs. S. Sankar
 (4) Mrs. A. Aruna C
 (5) Mrs. M. Sankaranarayanan
 (6) Mrs. S. Sankar
 (7) Mrs. A. S. Sankaranarayanan
 (8) Mrs. S. Sankar
 (9) Mrs. S. Sankar
 (10) Mrs. S. Sankar
Name of Applicant: NA
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Class of Invention:
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 (37) International Publication No.: NA
 (41) Patent of Addition to Application Number: NA
 Filing Date: NA
 (42) Divisional to Application Number: NA
 Filing Date: NA

Paper Presentation

A paper has been presented by the faculty members of Computer Science and Engineering at an International Conference on Intelligent computing and communication held at Karpagam College of Engineering. The following faculties are appreciated for their scholarly achievement.



Mr. M. Subramanian
Assistant Professor/CSE



Mr. S. Ram Prasath
Assistant Professor/CSE



Mr. A. Essakimuthu
Assistant Professor/CSE



Mr. N. Mohan
Assistant Professor/CSE



"There is nothing impossible to them who will try."
 — Alexander the Great

Research and Developments

Faculty Development Programme

Faculty members of Civil and Mechanical Engineering have participated in a Five Day Faculty Development Programme on "Strength of Materials" sponsored by Tamilnadu State Government. The program was organized by Faculty Development Training in association with Government College Engineering, Srirangam, Trichy. Their participation is highly appreciated.



Dr. J Allwyn Kingsly Gladston
Professor/Mech



Dr. K. Hari Babu K
Asso. Professor/Mech



Mr. R. Thirupathieswaran
Asst. Professor



Mrs. R. Sheela Daniel
Asst. Professor/Mech



Mr. S. Selvasudhakar
Asst. Professor/Mech



Mr. Senthilkumar
Asst. Professor/ Mech



Mr. M. Bharath
Asst. Professor



"Nothing is impossible. The word itself says 'I'm possible!'"
— Audrey Hepburn

Research and Developments



Conference Presentation

Mr. R. Santhana Krishnan, Assistant Professor of ECE has presented a paper titled "An efficient IoT based Smart Vehicle Parking Management System" at 7th International Conference on Computing Methodologies and Communication (ICCMC 2023) organized by the Surya Engineering College, Erode on 23.02.2023.



Mr. R. Santhana Krishnan
Assistant Professor/ECE



Patent Publication

Dr. K.HARIBABU, Asso. Professor / Mech has published a patent titled "Method of Developing Caustic Soda Treated Banana Fibre Reinforced Hybrid Polymer Matrix Composite" through Patent publication.



Dr. K.HARIBABU
Asso. Professor/Mech



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details	
APPLICATION NUMBER	202241076019
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/12/2022
APPLICANT NAME	1. Dr. J. Jenix Rino 2. Dr.P.Muthupriya 3. Suganth V 4. S. Jayalakshmi 5. Dr.K.HARIBABU 6. Dr. M. Sivaprakash 7. Sachin Kumar 8. Mr. R. A. Arul Raja
TITLE OF INVENTION	METHOD OF DEVELOPING CAUSTIC SODA TREATED BANANA FIBRE REINFORCED HYBRID POLYMER MATRIX COMPOSITE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaip@gmail.com
PUBLICATION DATE (U/S 11A)	13/01/2023

Faculty Development Programme

Dr. K.HARIBABU, Asso. Professor / Mech has published a patent titled "Method of Developing Caustic Soda Treated Banana Fibre Reinforced Hybrid Polymer Matrix Composite" through Patent publication.



Dr. R. Karthik Ganesh
Professor/CSE

Mandatory Skill Training

Department of Civil Engineering

The Department of Civil Engineering has organised a skill training entitled "BIM Modelling - Architectural" for the Second Year Civil Engineering students on 27-02-2023. Around 9 students have attended the skill training. The students have learned about Elevation for residential buildings and the markings of material by which the structure is made. This training was handled by Ms. P.S. Nisha, Asst. Professor/Civil.



Department of Computer Science and Engineering

The Department of Computer Science and Engineering has organized skill training entitled "C Programming" for the Second Year CSE students on 27-02-2023. Around 86 students attended skill training. The students have acquired the skill of coding to print patterns in different format using nested loop. This session was handled by Dr. Karthik Ganesh, Professor/CSE, Mr. Subramanian, Asst. Professor/CSE, Mr. N. Mohan, Asst. Professor/CSE, and Mrs. N. Vimala, Asst. Professor/CSE.

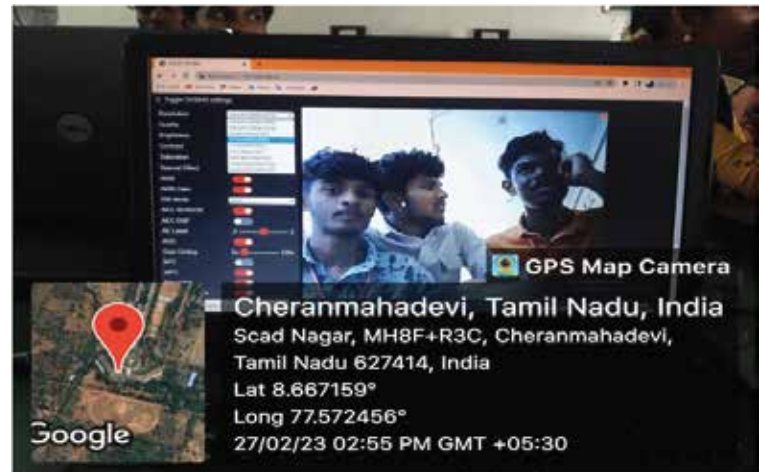


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It's good to set a journey for achieving big goals, but never forget to be grateful for the small victories on the way

Department of Electrical and Electronics Engineering

The department of Electrical and Electronics Engineering conducted a Mandatory Skill Training on "Internet of Things" for second year students on 27.02.2023 from 10.00 am to 4.00pm. A total of 23 students have participated in this skill training and gained knowledge about the Internet of Things. The skill training was coordinated by Dr. R. Arul Jose, Asso. Professor/EEE.



Department of Electronics and Communication Engineering

The department of Electronics and Communication Engineering conduct mandatory skill training on the Internet of Things (IoT) on 27-02-2023. The purpose of training was to make students understand the programming of IoT devices which would help them get placed in IoT based industries. On its fourth day of the training the students have learned how to design water level monitoring systems using IoT. A total of 48 students were benefited from this skill training. This training was conducted by Mr. Ashok Kumar, Asst. Professor/ECE.



Leadership is the capacity to translate vision into reality.

- Warren G. Bennis

Mandatory Skill Training

Training and Skill Development

Process Planning

On 27th February the Department of Mechanical Engineering organized a Mandatory skill training session for the second year students on "Process planning". Around 30 of our second year students have attended the skill training and enhanced their knowledge. This Mandatory skill training session was conducted by Mr. P. Neopolean, HOD/Mechanical.



Medical Camp

As a part of NSS activities, a free medical camp (ESI) was arranged on our campus for the staff's welfare on 27-02-2023. Principal Dr. S. Sundararajan, General Manager Mr. R. Thambidurai inaugurated this programme. Two doctors and seven nurses participated in the medical camp. Staff members in our campus enthusiastically checked their health. Eye checkup, BP, sugar, ECG, and personal health reports were analysed by the doctors and team. Around 175 staff members benefited from this camp. Free medicines were also distributed to the staff based on need. This programme was coordinated by Mr. A. Johnsekar, NSS PO.



Skill to School Students

The four days Skill development sessions for school students on "Internet of Things" & "3D Printing" was successfully completed on 31.01.2023. A total of 21 students from SCAD International School, Cheranmahadevi have been benefited from this Skill Training. The students have acquired the basics of IOT and 3D printings. The skill Training was coordinated by Dr. R. Arul Jose, AP/EEE and Mr. Bharath, AP/Mech.



A Skill Training session for School Students was conducted on 27-02-2022 by our staff and students at Govt HSS, Kalakkad for 6th & 7th Std. students.

Skills Delivered:

1. 3D Printing 2. Electronics & IOT

Staff Trainers:

1. Mr. A. Ferminus Raj, EEE, 2. Mr. M. Bharath, MECH
Student-Trainers: Mechanical- II Year

1. Mr. Abdulazees M
2. Mr. Steffin Akash D

EEE-II Year

1. Mr. N. Suman
2. Mr. M. Prakash
3. Mr. P. Gopi Krishna



Training and Skill Development

Department of Training and Placement Cell

On 27-02-2023 the staff and students of our collage have visited FX Polytechnic and have provided a Career Awareness Program related to Higher Studies and Placements. Students from all the III Year Departments attended the program and got benefitted.

Staff Incharges:

1. Mr.Lakshmi Narayanan, AP / Civil
2. Mrs.A.Valli, AP / Maths



BYTES Training Academy

A skill sessions on “C Programming” was successfully conducted for III year students from 08-02-2023 to 18-02-2023. The students have gained knowledge about C Programming. During this course Bytes Training Academy, Hyderabad Trainer Mr. Naresh has lectured about C programming. Around 120 students have participated in this skill training. These skill training sessions were coordinated by Dr. J. Allwyn Kingsly Gladston, Professor Placement.



Placement Drive of JSE Engineering Ltd

On 02-02-2023 a placement drive of JSE Engineering Ltd. was arranged for the students of final year ECE, EEE, Civil & Mechanical Engineering. The interview round started with a talk delivered by Prof. Placement, Dr. AllwynKingslyGladston then the online verbal aptitude test was conducted for all the candidates. Around 72 of our students attended the test out of which 15 where shortlisted and proceeded with the online technical interview round. This placement drive was successfully coordinated by Dr. J AllwynKingslyGladston, Professor Placement.



Placement Drive - Judwin Technologies

On 03-02-2023 a placement drive from Judwin Technologies was arranged for the students of final year ECE & EEE. As the students assembled at the venue for the interview they were addressed by Mr. S. Siva Shankar, Manager and Mr. Ajith, Project Engineer of Judwin Technology. After that the recruiting process started with an aptitude written test, then the students proceeded with the Technical and HR interview rounds. A total of 34 students have attended the placement drive. This placement drive was successfully coordinated by Dr. J Allwyn Kingsly Gladston, Professor Placement.



Department of Training and Placement Cell

Placement Drive - I Wave Technologies

On 09 & 10-02-2023 a placement drive of I Wave Technologies Ltd, Bangalore was arranged for the students of final year CSE, ECE & EEE. The recruitment started with a written test was conducted for all the students. Around 68 of our students & 38 from St. Mother Theresa Engineering College have attended the drive. Out of 106 the shortlisted students will be proceeding with their personal interview round the next day. This placement drive was successfully coordinated by Dr. J Allwyn Kingsly Gladston, Professor Placement.

We congratulate the following Students of Final B.E. EEE & ECE are selected in Judwin Technologies as Intern cum Project Engineer. The management, Principal and faculty congratulated them for their success.



Mr. ARUNBALAJI. N
IV B.E. (EEE)



Mr. ARUN KUMAR. S
IV B.E. (EEE)



Mr. VASANTHA KUMAR. R
IV B.E. (EEE)



Ms. PREETHI. N
IV B.E. (ECE)



Ms. ISWARYA. M
IV B.E. (ECE)



SYRMA SGS Technologies HR Team Visited

Mr. Sathyanarayanan, General Manager - HR, Mrs. Ponsankari Valentina, Asst. Manager - HR of Syrma SGS Technologies Ltd., Chennai and their team visited our college. During their visit they had informative interaction with Principal, General Manager - Development, General Manager - Administration and Professor Placement. Interaction focused on current Global market trends in electronics industry, forecasting future scenario of electronics industry in India, up skilling the young graduates through Internship, training and equipping them to fit into modern era of electronics industry. This meet was organized by Dr. J. Allwyn Kingsly Gladston, Professor Placement of SCAD College of Engineering and Technology.

We congratulate the following Students of Final B.E. CSE, EEE & ECE for having got selected in I Wave Systems Technologies Pvt. Ltd as Junior Engineer. The management, principal and faculty congratulated them for their success.

1. Ms. BANUPRIYA K. - IV B.E (ECE)
2. Ms. SANDHIYA SUBASHREE M - IV B.E (ECE)
3. Mr. ALAGU SENTHUR R - IV B.E. (CSE)
4. Mr. SHANMUGAPRIYAN T - IV B.E.(CSE)
5. Mr. VIJAYA VIGNESH K - IV B.E.(ECE)
6. Mr. ABDUL KADHER JAILANI K - IV B.E. (EEE)



Ms. BANUPRIYA K. - IV B.E (ECE)



Ms. SANDHIYA SUBASHREE M - IV B.E (ECE)



Mr. ALAGU SENTHUR R - IV B.E. (CSE)



Mr. SHANMUGAPRIYAN T - IV B.E.(CSE)



Mr. VIJAYA VIGNESH K - IV B.E.(ECE)



Mr. ABDUL KADHER JAILANI K - IV B.E. (EEE)



Department of Training And Placement Cell

JSE Engineering Ltd.

We congratulate the following Students of Final B.E. CSE, EEE & ECE for having got selected in JSE Engineering Ltd. as junior Design Engineer. The management, principal and faculty congratulated them for their success.



Delphi TVS Technologies Ltd

We are proud of the following Students of Final B.E. CSE, EEE & ECE for having got selected in Delphi TVS Technologies Ltd. The management, principal and faculty congratulated them for their success.



Department of Electronics & Communication Engineering Student Activity

Students of I Year B.E Electronics and communication Engineering have participated various Technical and Non-Technical events in a symposium conducted by the PSR College of Engineering, Sivakasi. Among them Mr. R. Madhavan and Mr. S. Sanjai of I year ECE have won second places for paper presentation. The students were congratulated by the management, principal.



Humour Club Funny Persuasive Speech Competition

A career guidance program was held in our ECE department on 17th February 2023 for all the students' belongings to ECE department to understand carrier opportunities in the Electronics and Telecommunication field. Mr.Mohamed Sheik Ali (Software Development Engineer II, Venzo Tech Pvt. Ltd, Chennai) is one of the alumni of our institution, was invited as the chief guest who gave a brief introduction about the various opportunities and scope in the field of Engineering. He suggested varied ways that how to opt the career in one's life depending on the capabilities and potential. He talked about how to focus on the chosen career and what are the efforts to be put in to make that dream true. The students cleared their doubts by asking various questions regarding the confusions, they usually face while deciding their career. All the students were highly motivated and got to know about various opportunities after completing their guidance program. It was a

Department of Electronics & Communication Engineering

Department of Electrical & Electronics Engineering

very informative day for the students.



Career Guidance Program

A career guidance program was held in our ECE department on 17th February 2023 for all the students' belongings to ECE department to understand carrier opportunities in the Electronics and Telecommunication field. Mr. Mohamed Sheik Ali (Software Development Engineer II, Venzo Tech Pvt. Ltd, Chennai) is one of the alumni of our institution, was invited as the chief guest who gave a brief introduction about the various opportunities and scope in the field of Engineering. He suggested varied ways that how to opt the career in one's life depending on the capabilities and potential. He talked about how to focus on the chosen career and what are the efforts to be put in to make that dream true. The students cleared their doubts by asking various questions regarding the confusions, they usually face while deciding their career. All the students were highly motivated and got to know about various opportunities after completing their guidance program. It was a very informative day for the students.



"Change is the end result of all true learning."

- Leo Buscaglia

Power Grid Corporation

A motivational session was organized on 16-02-2023 for the students of Electrical and Electronics Engineering. Mr. A. Surendhar Rd. Executive Director of Power Grid corporation ltd. has been the guest speaker. On completing the session Mr. A. Surendhar also has discussed about industrial visits and in-plant training for students with Principal Dr. S. Sundararajan Mr. R. Thambidurai, GM (Campus).



Alumni Guest Lecture

Alumni Guest lecture on the topic "Opportunities for Electrical Engineers in Electrical CAD" was successfully conducted on 21st February 2023. The Alumni lecture was organized for II Year students and the contents presented were beneficial. The guest lecture started with introduction of Mrs. Deepa A.V, (Alumni-2012 batch) Design Engineer, Electrical CADD, Kerala. The objective of this guest lecture was to make concepts clarification about the Skills Required in Electrical CADD and its opportunities. Mrs. J.Y. Angeline Jemina AP/EEE organized the program.



The two most important days in your life are the day you're born and the day you find out why.

Mark Twain

Department of Civil Engineering

State Level Skill Development Training

Students of III year Civil Engineering have successfully completed a state Level Skill Development Training at Anna University, Thoothukudi Campus, and VOC College of Engineering from 20-02-2023 to 22-02-2023.

The following students of III year Civil Engineering are appreciated on their completion of skill training program

Mr. VEMBU I

Mr. K. Manoj

Mr. SanthanaRaja.K

Mr. Arunkumar. M



Industrial Visit

In order to provide real insight process areas of Industrial Operations and Practical Applications to fulfil the curriculum demand, an Industrial Visit for II, III & IV year students of Civil Engineering was organized on 24.02.2023 by Department of Civil Engineering. The Industrial visit was coordinated by Mrs. R. Sheela Daniel AP/Civil & Mr. C.R.T Suria Prakash AP/Civil. Students visited Thamerabharane Ready Mix Concrete located at Ponnakudi, Tirunelveli. Students learnt about the preparation of Ready Mix Concrete process like filling of cement, aggregate, water and the automation involved in it. Students also gained knowledge on testing of concrete samples carried out in field conditions based on the customer's need. Students got an idea about how the ready mix concrete is prepared and transferred readily to construction site.



Paper Presentation

Students of III year Civil Engineering, Mr. S. Victor Jeba Asir, Mr. K. Manoj, and Mr. T. Sundar Chelladurai have won first prize in a paper presentation held at Mepco Schlenk Engineering College. We congratulate the students for their achievements.



Alumni Interaction

Er.Anandhu Ramesh, (2015-2019 batch) Fit – Out Engineer, Intirstor Trading and Co-Operation Ltd , Qatar, interacted with the students on the Topic Carrier Opportunity for Architect in Overseas. It was a worthwhile session for our students whom have understood about Software Requirements in Designing Field and the Execution of Design in Fields. This session was organized by Ms. P. S. Nisha AP/Civil.



Department Of Mechanical Engineering

Workshop on "Emerging Trends in Fluid and Mechanical Simulations"

On 25 th February 2023 the Aeronautical Society of India, Kanyakumari Branch in association with ISRO Propulsion Complex, Mahendragiri, Entuple Technologies Pvt Ltd, Bangalore and Francis Xavier Engineering College, Tirunelveli organized a Workshop for the Mechanical Engineering students on "Emerging Trends in Fluid and Mechanical Simula-

Department of Computer Science and Engineering

tions". Around 16 of SCAD College of Engineering and Technology Mechanical Engineering Third year students have attended the Workshop and enhanced their knowledge.

Venue: Dr. APJ. Abdul Kalam Auditorium Francis Xavier Engineering College [FXEC].



Department of Computer Science and Engineering International Conference

An online International Conference was arranged on the topic "Lecturer Notes and systems Springer Book Series on 03-02-2023. Dr. Joy iong – Zong Chen, Professor, Department of EEE Dayeh University, Taiwan has been the Keynote Speaker of this conference.

Department of Computer Science and Engineering
Organizes

**6th International Conference on Intelligent Sustainable Systems
ICISS- 2023**

3 & 4 th February 2023
Tirunelveli, India.



Keynote Speaker



Dr. Joy iong - Zong Chen
Professor, Department of EEE Dayeh University, Taiwan.



Lecture Notes in Networks and Systems
Springer Book Series
ISSN: 2367-3370
www.springer.com/978-3-319-55000-0



Club Activity

On behalf of Coding and communication club the "Tech Talk" contest was organized on 11.02.2023, by the department of Computer Science and Engineering. The participants were given with problem statements from Hackerranker were all the students participated in this contest. On the completion of this contest students came-up with various solutions to the problem statements. The prize winners were finalized by Mr. S.RamPrasath, AP/CSE and X.ArogyaPresskila, AP/CSE who acted as panel members. This event was coordinated by Mr.A.Essakimuthu, AP/CSE, Coding club Incharge and Mrs.S.RAMA LAKSHMI, AP/CSE, Incharge of communication club.



Club Activity - Sports

On behalf of Recreation club, the department of CSE organized "Sports Activities" on 11.02.23(AN). Boys and girls participated in cricket and throw ball match respectively. The events were coordinated by Mr. M.Subramanian AP/CSE and Mrs. Manicka Prabha, AP/CSE.



On behalf of Recreation club, the department of CSE organized "Sports Activities" on 27.02.23(AN). III CSE Boys and girls participated in Volleyball match respectively. The events were coordinated by Mr. M. Subramanian AP/CSE and Mrs. ManickaPrabha, AP/CSE.

Entrepreneurship Development Cell

CEO Meeting

Mr. Vignesh kumar CEO, Founder of Payirgal and Ms. Nithyashree, CEO, Founder of Dream Careerist have visited our campus for create a start up eco system on 16-02-2023. In this meet Principal Dr. S. Sundararajan and Director of EDC Dr. Lourdes Rayen discuss their views about start up with both CEOs.



Mr. Vignesh kumar CEO, Founder of Payirgal and Ms. Nithyashree, CEO, Founder of Dream Careerist have visited our campus for create a start up eco system on 16-02-2023. In this meet Principal Dr. S. Sundararajan and Director of EDC Dr. Lourdes Rayen discuss their views about start up with both CEOs.



Department of Civil Engineering

The Department of Civil Engineering organized a program on the topic “Awareness program on architectural and structural design software” on 27-02-2023 from 2.00 PM -3.00 PM. The purpose of this program is to create awareness among the students to get knowledge on skill about various architectural and structural software currently working on major project in design industry and opportunities in placement design filed. Mr.AFRICKWings CAD, Tirunelve-

li has been the guest speaker. This program was co-ordinated by Mr.M.Ratheesh, AP/CIVIL and Ms.P.S.Nisha AP/CIVIL.



Emerging opportunities in Entrepreneurship

The Entrepreneurship Development Cell of ECE in association with Institution's Innovation Council, Ministry of HRD Initiative, and Government of India organized a Workshop on 08.02.2023. The theme of event was themed on “Emerging opportunities in Entrepreneurship” The main objective of the event was to motivate the students to come up with innovative ideas and find solution to real world problems. The event was presided by the Resource Person Mr. K. Marimuthu, Project Fellowship, TaminaduStartup and Innovation Mission, Tirunelveli Regional Hub who spoke about the various opportunities through entrepreneurship. He further explained about how to identify the problems and importance of finding solutions to the problems. He discussed how to get funds for implementing ideas. Finally he concluded the session by sharing the stories of several successful entrepreneurs. The event was end with vote of thanks by M. Ashok Kumar, AP/ECE. All The participants of this workshop were provided with E-certificates.

ENTREPRENEURSHIP DEVELOPMENT CELL
 Department of Electronics and Communication Engineering

Emerging opportunities in Entrepreneurship


08.02.2023
 9:00 - 11:00 AM

Conference Hall


Speaker
MR.K.MARIMUTHU, PROJECT FELLOWSHIP, TAMILNADU STARTUP AND INNOVATION MISSION, TIRUNELVELI REGIONAL HUB.

Co-Ordinator
Mr.M.Ashok Kumar
 AP / ECE

Convener
Dr. S. SUNDARARAJAN
 Principal

Outreach Programme

On 07-02-2023, a NSS activity was arranged for our student at Vaniankulam. Our Students were assigned with a task to collect statistics forms from village residents. Around 44 students have participated in this activity. This program was coordinated by Mrs. A. Valli, Asst. Professor/Mathematics, Mrs. Rama, Asst. Professor/Chemistry and Mr. M. Oscar, PED.



Dr. John Kennady, Admission Director, gave a motivational speech to the school students in the presence of Head Master, Walker Hr. Sec. School, Donavoor. The students were highly motivated and gathered many great ideas to join higher studies.



Higher Studies Guidance program for +2 students was organised at Babu Auditorium on 19-02-2023. The program event started with a motivational speech by GM (Administration) Mr. Thambidurai and was preceded by Principal Dr. S. Sundararajan who motivated the students to have high aspirations and career goals. Through this session the students have gathered many ideas about opting a career and higher studies



Skill Training program was conducted at Govt HSS, Kalakkad for 9th standard students. the skill training was based on 3D Printing & Electronic & IOT by Dr.M.M.Vijay AP/ ECE, Mr.A.Ferminus Raj, AP/ EEE & Mr.M.Bharath, AP/ MECH. The following students of our college supported the training program.

Mechanical- II Year

- 1.Mr.AbdulAzees M
- 2.Mr.Steffin Akash D

EEE-II Year

- 1.Mr.N.Suman
- 2.Mr.M.Prakash
- 3.Mr.P.Gopi Krishna

ECE- III Year

- 1.Mr.S.DineshBala Surya
- 2.Mr.S.KakkumPerumal
- 3.Mr.M.Sudalaimani



NSS Activity

On 25-02-2023, NSS activity was organized at Rettiyarpuram. Our Students were assigned with a task to collect statistics forms from village residents, planting tree saplings and cleaning. Mrs. Regina, Vice-President, Panchayat planted tree saplings. Around 72 students have participated in this activity. This program was coordinated by Mr. A. John sekar, PO/NSS, Mrs. V.P. Salini, Asst. Professor/

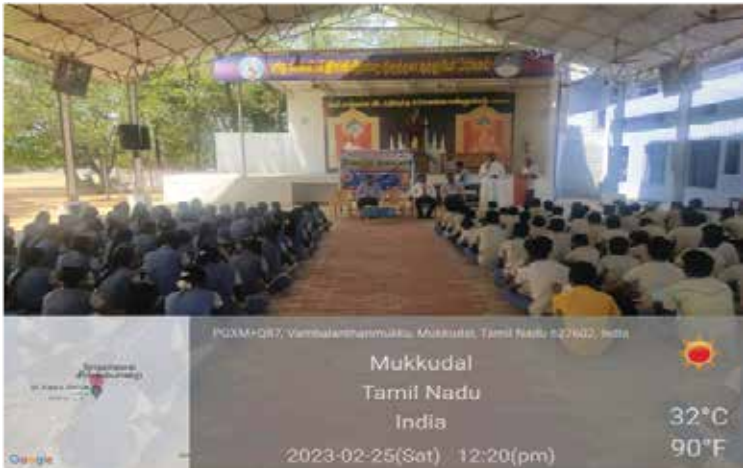
Outreach Programme

Mathematics, Mrs. T. Jackuline, Asst. Professor/Mathematics, Mrs. S. Jeyasri Lakshmi, Asst. Professor/ Chemistry, Mrs. Y. Reeginal, Asst. Professor/Physics.



Career Guidance program

Career Guidance program was conducted at St.Pauls HSS, Singamparai, Mukkudal by Dr.S.John Kennedy, Admission Director SCAD Group of Institutions as resource person. Dr.R.Karthik Ganesh, Asso. Prof / CSE organised the program. Dr.S.John Kennedy motivated the 10th and 12th standard students for their upcoming Public Exams and also addressed the necessity of Skills required for their career. More than 100+ students participated and benefited from this program.

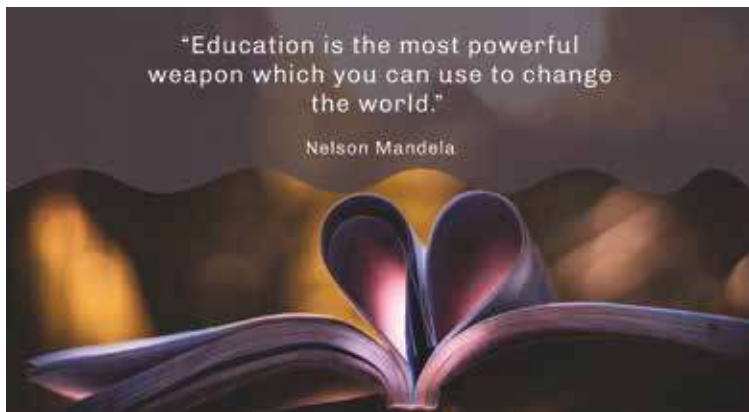


Education Expo

Dr. M.M.Vijay, AP/ ECE and Mr.Arun, Office Assistant coordinated a stall in Education Expo organised by News 7 Channel at Madurai for 2 days (25th and 26th Feb. 2023). School students from in and around Maduari District participated in the event. Mr.S.Venkatesan, MP - Madurai Constituency and Dr.S.Aneesh Sekhar Madurai District Collector addressed the gathering. More than 500+ students participated in the Day 1 event.



On 15-02-2023, an NSS activity was arranged for our student at Madhudaiyarkulam. Our Students were assigned with a task to collect statistics forms from village residents planting tree saplings and cleaning. Around 44 students have participated activity. This program was coordinated by Mr. A. Johnsekar, PO/NSS, Mrs. V.P. Salini, Asst. Professor/Mathematics, Mrs. M.S. Rubha Bridget, Asst. Professor/ Physics.



SCAD CET Activities

Students Interaction

On 1st February 2023 an interactive meet was arranged for the current first-year B.E students of all departments with their seniors whom have got placed in various companies. The seniors were insisted to meet the first-years and share about their placements they have achieved. The first-years were able to get acquainted about industrial environments and workplace dress codes, among other things.



Students Activity Scores

The Students Activity Score for the month of January 2023 was released by Mrs. A.Valli, Vertical head (Scores). Based upon the scores attained by the students with the M-team, it is decided to appreciate institutional toppers in Students prayer. In order to motivate the students to secured top scores for SAS it has been planned by the team to reward the monthly SAS with a badge.

SCAD COLLEGE OF ENGINEERING & TECHNOLOGY
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 Chennai-600016, Tamilnadu - 627014

SAS Score Toppers - January 2023
INSTITUTION TOPPERS

1st Place MR. ALLWIN JACOB PUSHPARAJA D (1 YEAR CSE - A / 687)
2nd Place MR. MOHAMED MUBARAK (1 YEAR CSE - B / 661)
3rd Place MR. AJAY DEVAN M (1 YEAR CSE - A / 647)

Congratulations
www.scadengineering.ac.in

"Life teaches you a new lesson every day, if you are attentive enough in the class of life."
 - Invajy

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SAS Score Toppers - January 2023
SECTION - A TOPPERS

1st Place MR. ALLWIN JACOB PUSHPARAJA D (1 YEAR CSE - A / 687)
2nd Place MR. AJAY DEVAN M (1 YEAR CSE - A / 647)
3rd Place MR. HARISH M K (1 YEAR CSE - A / 641)

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SAS Score Toppers - January 2023
SECTION - B TOPPERS

1st Place MR. MOHAMED MUBARAK (1 YEAR CSE - B / 661)
2nd Place MR. PALANIKUMAR P (1 YEAR CSE - B / 596)
3rd Place MR. SIVARAJ V (1 YEAR CSE - B / 593)

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SAS Score Toppers - January 2023
SECTION - C TOPPERS

1st Place MR. MOHAMED SHEIK HUSSAIN S (1 YEAR ECE / 547)
2nd Place MR. AARON D (1 YEAR ECE / 505)
3rd Place MR. ESHAD AHMED A (1 YEAR ECE / 503)

Congratulations
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SAS Score Toppers - January 2023
SECTION - D TOPPERS

1st Place MR. PARAMESHWARAN S (1 YEAR CIVIL - C / 588)
2nd Place MR. MANORAJ C (1 YEAR EEE / 462)
3rd Place MR. HARISH E S (1 YEAR EEE / 408)

Congratulations
www.scadengineering.ac.in

SCADCET Activities

Puthumai Penn Scheme

On February 8, 2023, the Tamilnadu government organized an event on Tamil Nadu Government's Puthumai Penn Scheme at Sarah Tucker College. Around 17 students from our collage have participated in this event. The students were appreciated and congratulated by Dr. K. Jeyakumar, our General Manager tDevelopment and our Principal Dr. S. Sundararajan.



Alumni Interaction

On February 17, 2023, our Alumni met with GM (Administration) Mr. Thambidurai and Principal Dr. S. Sundararajan and discussed about the scopes in Engineering.



TNSI' 2022 – Ideation Programme

On 20 & 21-02-2023, SCAD College of Engineering and Technology and EDII Tirunelveli regional hub jointly have arranged the Ideation program phase – I through TNSI 2022 inaugurated by Dr. S. Silas Sargunam, Hub Coordinator, Anna University Regional Campus, Tirunelveli. The event started with a welcome note by Dr. C. Antony Vasantha kumar and it was preceded by the chief guest who was honoured by Siva Bharathi, field coordinator. Around 242 students from various colleges have participated in this program.



SCADCET

Your future is
created by what you do today not tomorrow.



Department of Physical Education

Gold Medalist

Hearty congratulations to Mr. B. Sujith Venkatesh, I MBA who has won a gold medal in 635 kg weight category of Inter zone power lifting competition held at Anna University Tournament. On the management's behalf he was congratulated by the principal, administrative officer, department head, and faculty members.



Sports Activities

In order to indulge the students into sports and extra-curricular activities, a weekly one hour of Physical Education was introduced to the first years' time table. As the first day of PED hour, the first year students were found practicing various games at our campus. Our Principal Dr. S. Sundararajan visited the venues and encouraged the students.



As per the first-years weekly schedule an hour for sports was utilized by the section - A Computer Science and Engineering students. The students were given practices on the following games such as Football, volleyball, kho-kho, throw ball and badminton.



Anna University Zonal Athletic Meet - Runner-Up

Students of our college have participated in Anna University zonal athletic meet held at Mepco Schlenk Engineering College, Sivakasi, and were positioned as runner-up at the overall championship. The following students won the award in various athletic events.

K.Muthuvel III-ECE won the Gold medal for 10,000 meters running & a Bronze Medal for 5,000 meters running.

Mr. J. Jebastin, of Ist year EEE, won the silver medals for both the Short put and Hammer throw respectively.

Mr.P.Madhesh, IV B.E.(Mech) secured Gold Medal at 800 meters Running.

Mr.M.AsikAkamed of IIIrd year CSE won Silver medal for 400 meters running.

Mr.M.Gowtham of IInd year MBA won the Bronze medal for 400 meters Hurdles Run, Mr.Periyasamy of II MBA secured a gold medal at 1500 meters and a Silver medal at 800 meters Running.

Mr.K.Bharath Kumar of Ist year MBA won 110 meters for Hurdles run, Mr.M.Gowtham & Mr.R.PeriyaSwamy of IInd year MBA, Mr.P.Madhesh of IVth year Mech, Mr.M.AsikAkamed of IIIrd year CSE won Bronze medal for 4 X 400 meters Relay, Mr. R. Bharath Kumar of Ist year MBA, Mr.A. Ajith Kumar of IVth year EEE, Mr. A. Manohar of Ist year CSE, & Mr. R.Aswin Raj of Ist year EEE won the Bronze medal for the 4 X 100 meters Relay.

We congratulate the students for their achievements in athletic events.

Department of Physical Education

