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SOLAMALAI KNOWLEDGE PARK, S.V.RAJA NAGAR, VEERAPANJAN, MADURAI-625020, TAMILNADU, INDIA

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# **CAMPUS CONNECT**

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**A Quarterly Newsletter**

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## **Executive Director's Message**



Dear Friends,

An Educational Institution involves many stakeholders like the faculties, assisting staff, students and ofcourse parents who lay their complete belief on it for their children's future. In today's world, Quality is not an option, Quality is the minimum norm. We all demand food, clothing and even content of quality. Similiarly, all the companies dont just need students with degrees but students who have evolved in an ecosystem of quality.

To be one such quality ecosystem, we have started our journey towards Accreditations like NBA & NAAC which shall not only help you during your course but also throughout your career since Companies prefer candidates from institutions having such accreditations.

I request every stakeholder to be part of our journey and support to the fullest and make Solamalai stand out and shine bright!

## **Editorial Board**

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### FEEDBACK / SUGGESTIONS

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## RED CARPET



Dr. P. Senthil Pandian  
Qualification : M.E., Ph.D.,  
Designation: Associate professor  
Department: CSE  
DoJ : 01.02.2023



Mrs. M. Kansul Ariba Barveen  
Qualification : M.E.,  
Designation: Assistant Professor  
Department: ECE  
DoJ : 06.02.2023

Mr. B. Mahesh AP(SS)/ECE have participated in DST-SERB sponsored second international conference on "Signal processing and communication systems" organised by M. Kumarasamy college of Engineering on 07.03.2023



Mr. R. Rameshkumar AP/ECE and Mr. B. Mahesh AP(SS)/ECE have participated in one day FDP on "Blooms Taxonomy in Teaching and Learning" on 16.02.2023 organized by SanSnow's Nobel Professional Foundation.



Mr. Mohamed Ajmal Khan, Assistant Professor of EEE, participated in the NPTEL E-awareness workshop on January 20, 2023. He also attended a 5-day FDP Program titled "Electric Vehicle Charging System Design" under the Naan Mudhalvan Scheme at K.L.N College of Engineering in Madurai from February 13 to February 17, 2023.



## FDPs / CONFERENCE

Mr. B. Mahesh AP (SS) / ECE R. Rameshkumar AP/ECE, Mrs. B. Meenambal AP/ECE and Mrs. Kansul Ariba Barveen AP/ECE has participated in 5 days FDP on "New Age Technologies" organized by SCOPE, VIT-AP University, Amaravati from 28-03-2023 to 01-04-2023.



Mr. R. Rameshkumar AP/ECE and Mr. B. Mahesh AP(SS)/ECE have participated in one day FDP on "Blooms Taxonomy in Teaching and Learning" on 16.02.2023 organized by SanSnow's Nobel Professional Foundation.

Mr. B. Mahesh AP(SS)/ECE have participated in DST-SERB sponsored second international conference on "Signal processing and communication systems" organised by M. Kumarasamy college of Engineering on 07.03.2023.

Mr. Mohamed Ajmal Khan Assistant Professor of EEE attended 5 day FDP Program on the title "ELECTRIC VEHICLE CHARGING SYSTEM DESIGN" under NAAN MUDHALVAN SCHEME at K.L.N college Of Engineering madurai from 13.02.2023 to 17.02.2023

Mr. Mohamed Ajmal Khan, Assistant Professor of EEE, participated in the NPTEL E-awareness workshop on January 20, 2023. He also attended a 5-day FDP Program titled "Electric Vehicle Charging System Design" under the Naan Mudhalvan Scheme at K.L.N College of Engineering in Madurai from February 13 to February 17, 2023.



## WORKSHOP/ TRAINING

Dr. Pounraj, Assistant Professor of EEE, attended a 5-day FDP Program on the topic "Design of Solar PV System for Domestic Load" under the Naan Mudhalvan Scheme at Francis Xavier Engineering College in Tirunelveli from February 13 to February 17, 2023.



Dr. C. Seelammal, HoD of CSE, attended a technical workshop on "Setting Up an Incubator" organized by Incubator Academy on January 23, 2023

Mr. M. Asif Raja, Assistant Professor of CSE; Mr. K.A. Mohammed Faiz, Assistant Professor of CSE; Mrs. P. Mahalakshmi, Assistant Professor of CSE; Mrs. A. PeriyaNayaki, Assistant Professor of CSE; and Ms. S. Muthuselvi, Assistant Professor of CSE, participated in the Foreign Professor Talk titled "Role of Social Media in Digital Marketing" at Vellore Institute of Technology on January 19, 2023

Dr. C. Seelammal, HOD of CSE; S. Vallimayil, Assistant Professor of CSE; P. Mahalakshmi, Assistant Professor of CSE; S. Muthu Selvi, Assistant Professor of CSE; A. PeriyaNayaki, Assistant Professor of CSE; and K.A. Mohammed Faiz, Assistant Professor of CSE, attended a workshop on "Applications of Deep Learning Techniques in Image Retrieval" organized by the Department of CSE at Mangayarkarasi College of Engineering from January 11 to January 12, 2023.

Mrs. S. Vallimayil, Assistant Professor of CSE; Mr. M. Asif Raja, Assistant Professor of CSE; P. Mahalakshmi, Assistant Professor of CSE; A. PeriyaNayaki, Assistant Professor of CSE; S. Muthu Lakshmi, Assistant Professor of CSE; and S. Muthu Selvi, Assistant Professor of CSE, participated in the International Seminar on "Impact of Artificial Intelligence in Technological Development (IATTD)" on January 27, 2023, organized by Dambi Dollo University, Ethiopia

P. Bharathi, Assistant Professor of CSE, participated in a five-day FDP Program on Blockchain courses at Thiyagaraja College of Engineering from February 13 to February 17, 2023



Mrs. P. Maha Lakshmi, Assistant Professor of CSE, Dr. P. Senthil Pandian, Assistant Professor of CSE, participated in the foundation course "Data Everywhere" at Coursera on 17.02.2023. Mr. M. Asif Raja, Assistant Professor of CSE, successfully completed the foundation course "Data, Data Everywhere" at Coursera on 17.02.2023.

Dr. R. Sangeetha, Assistant Professor of Physics, attended a two-day FDP Program on "Tamil Technical Workshop" at Anna University, Madurai Region, from February 9 to February 10, 2023.

Mr. K. Letcham, HoD of Civil, Ms. T. Nirmaladevi, Assistant Professor of Civil, Mr. M. Dhivakar, Assistant Professor of Civil, published a research paper entitled "Assessment of Quality of Groundwater Around Solid Waste Dumping Yard" in the Journal of Environmental Engineering

Dr. C. Seelammal, HoD of CSE, published a paper titled "Analyzing the Parallel Fusion Logic and Fusion K-Means (FKM) with Languages Document" in an international journal on 02.02.2023.



Mr. R. Rameshkumar AP/ECE and Mr. B. Mahesh AP(SS)/ECE have participated in Three day National level Virtual Workshop on "Role of A&A towards improving the quality of Education and NEP implementation in Higher Educational Institutions" from 08.02.2023 to 10.02.2023 organized by Kamaraj College of Engineering & Technology .



Mr. K. Letcham, HoD of Civil Engineering, participated in the "FDP on Recent Development in Advanced materials and Industrial Automation" held at PSN Institute of Technology and Science from 03.01.2023 to 07.01.2023. He also participated in the "National Intellectual Property Awareness Mission" organized by the Intellectual Property Office, India on 25.01.2023, and the "National Workshop On Role Of Assessment Towards Improving The Quality Of Education And National Educational Policy Implementation In Higher Educational Institutions" organized by Kamaraj College Of Engineering on 08.02.2023 to 10.02.2023.

Mr. B. Mahesh, AP(SS)/ECE, Mrs. B. Meenambal AP/ECE, Mr. R. Rameshkumar AP/ECE, Mr. S. Lakshmana Nainar Sundar AP/ECE have participated in National level online workshop on "Document Management system for NAAC" on 28.02.2023 organized by IQAC of Phulsing Naik Mahavidyalaya, Pusad.



## COMPETITIONS

☒ R. Hariharan, T. Mohanguru, and S. Kaleeswaran, who are in their third year of Civil Engineering, participated in "SPEAK INDIA." The event was organized by Solamalai College of Engineering in association with FEDERAL Bank and took place on January 25, 2023.

☒ K. MalaiRaja and R. Sarojinidevi, also in their third year of Civil Engineering, participated in a program called "Selection of Suitable Chemical Admixture for Enhancing its Performance in Concrete." This event was organized by Ultra Tech Cements Ltd. place on

☒ S. Praveenkumar, a third-year Civil Engineering student, participated in a program called "Bacterial Concrete" organized by QCRETE READY MIX Pvt Ltd. on February 14, 2023.

☒ T. Mohanguru and R. Vallavan, fourth-year Civil Engineering students, won the first place at SCE IDEA HACKATHON. The hackathon was organized by Solamalai College of Engineering in association with RIE team on March 15, 2023.

☒ K. MalaiRaja and R. Sakthivel, third-year Civil Engineering students, won the second place at SCE IDEA HACKATHON, organized by Solamalai College of Engineering in association with RIE team on March 15, 2023.

☒ K K. MalaiRaja and Sarojinidevi, third-year Civil Engineering students, won the second prize in a paper presentation competition held at FMCET on March 24, 2023.

☒ Jagatheeshwaran N, Maribala R, Pranav Karuppiah P, Vasagan M, Vetry Vishal A, and Vignesh Kumar N, second-year Civil Engineering students, participated in a national-level Student Technical Symposium and presented a paper at FMCET on March 24, 2023.

☒ Harish.K, Sundarapandian.M, Karthikeyan.P, and Praveen Kumar.S, third-year Civil Engineering students, also participated in the national-level Student Technical Symposium and presented a paper at FMCET on March 24, 2023

B. Chitra banu, a fourth-year CSE student, participated in UI/UX Beginners Courses at Great Learning Academy in February 2023

N. Fathima Kani, a fourth-year CSE student, participated in the Token Service Technology Virtual Experience Program at Tom burn Skill on February 11, 2023.



P. Balanarayana, a third-year CSE student, participated in C-Debugging and a technical quiz (symposium) at Fatima Michael College of Engineering on March 10, 2023.

P. Balanarayana, a third-year CSE student, has successfully completed MASTER CLASS ON PYTHON at Fatima PANTECH SOLUTION on Feb 23 to March 6, 2023.

K. Gayathri, a fourth-year CSE student, participated in a workshop on "Building Data Pipelines" at skill-Lync on March 24, 2023.

S.Shobana, a fourth-year CSE student, participated in a webinar on "Global Applications Using IoT in Digital Marketing" at CIET on March 24, 2023.

S. Keerthana and S. Shobana, both fourth-year CSE students, participated in a webinar on "Entrepreneurship and IPR Patents" at CIET on March 13, 2023.

S. Keerthana, a fourth-year CSE student, successfully completed NPTEL's four-week course on "Python For Data Science." Additionally, she participated in the IDEA Hackathon (Research, Innovation, and Entrepreneurship Cell) at SCE on March 15, 2023.



Winners of the IDEA Hackathon are as follows:  
 M. Sadiq Basha, V. Karthick Raja, and K. K. Karthikeyan - 1st prize. J. Jeya Prakash and G. Lokesh - 2nd prize. J. Jenitha Agnes and Divya Devi P. B - 3rd prize.



M. Muthuvel, A. K. Ashwin Kumar, and R. Kumaraguhan, second-year CSE students, participated in an athletics sports meet at R.L. Institute of Management Studies from February 22, 2023, to February 24, 2023.



Vignesh M, a first-year ECE student, participated in the CRAFT ITI event held on February 25, 2023, at NIT Trichy.

Kesava Raj D.S, Muthukumar, and Sivaram, second-year students, and S. Deva, Boopathi.M, and G.K Manikandan, third-year students, participated in an NPTEL E-awareness workshop on January 20, 2023.



Kesava Raj D.S, a second-year EEE student, and K. Solamalai Jagatheesan, a third-year EEE student, won the second prize in the DEFAULT CIRCUIT category at ELECTROVANZA -2K23, an Inter College symposium organized by Sethu College of Engineering on February 16, 2023, and February 17, 2023.

MuthuKumar.R and Sivaram.T, second-year EEE students, attended a one-day workshop on "IoT for Electrical Engineering" organized by Sethu College of Engineering on February 16, 2023, and February 17, 2023.

John Jacob J, C.M Gopi, M. Boopathi, and S. Deva, third-year EEE students, participated in the Project Expo of ELECTROVANZA -2K23, an inter-college symposium organized by Sethu College of Engineering on February 16, 2023, and February 17, 2023.

Boopathi.M and Deva.S, second-year EEE students, won the first prize in the Technical Connection category at E-CREST -2K23, a national-level technical symposium organized by Fathima Michel College of Engineering on March 10, 2023.



The Department of Civil Engineering organized a seminar on "Entrepreneurship Development Program for Civil Trades" presented by AR.Webster Phil Russello, an architect faculty from Dream Zone, at our college premises on February 27, 2023.

On February 27, 2023, the Department of Civil Engineering organized a Guest Lecture on

## RECOGNITIONS

### Paper presentation/ Publications:

Dr. C. Seelammal, HoD of CSE, published a paper titled "Analyzing the Parallel Fusion Logic and Fusion K-Means (FKM) with Languages Document" in an international journal on 02.02.2023.

Mrs. P. Maha Lakshmi, Assistant Professor of CSE, presented a paper entitled "Innovative Online Ticketing Model on an Intelligent Public Block chain" at the International Conference (ICICV) organized by Francis Xavier Engineering College on 16.02.2023 to 17.02.2023.

Dr. R. Muneeswaran, Head of the Department of Mechanical Engineering, published a journal paper titled "Identifying Software Development IOT Effort in Human and Machine using Global Wavelet Method" in the Global Journal of Engineering and Technology Advances on 05.03.2023.

Mr. V. Kannadhasan, an Assistant Professor in the Department of Mechanical Engineering, has submitted his thesis to Anna University, and his Viva-Voce is scheduled for 19-April-2023.

P. Arun Kumaran, R. Gunaseran, D. Sanjay, and M. Vignesh, who are first-year students in the Department of Mechanical Engineering, participated in the National Level Technical Symposium "SYNERGY 2023" organized by the National Institute of Technology, Trichy, on 25.02.2023.

R. Gowtham and A. Mugesh Kannan, who are third-year students in the Department of Mechanical Engineering, attended the National Level Technical Symposium "MECILAUT 2k23" organized by Fatima Michael College of Engineering and Technology, Madurai, on 24.03.2023.

Dr. C. Seelammal, HoD of CSE, published a journal titled "Design and Analysis of a Deep Learning Ensemble Framework Model for the Detection of COVID-19 and Pneumonia Using Large-Scale CT Scan and X-ray Image Datasets" on March 16, 2023.

Mr. M. Asif Raja, Assistant Professor of CSE, successfully completed the course "Ask Questions to Make Data-Driven Decisions" on Coursera on March 25, 2023.

Mrs. M. Vallimayil, Assistant Professor of CSE, and Dr. P. Senthil Pandian, Associate Professor of CSE, published a paper titled "Identify Software Development IOT Efforts in Human and Machine Using Global Wavelet Method" on March 5, 2023.

Dr. P. Senthil Pandian, Assistant Professor of CSE, published a book titled "5G Technology Opportunities and Challenges."

### FDP/CONFERENCE

Mr. C. Prakash, Assistant Professor in the Department of Mechanical Engineering, participated in a two-day Faculty Development Programme on "Robotics Process Automation" organized by Naan Mudhalvan, Government of Tamilnadu at Thiagarajar College of Engineering, Madurai. The programme took place from 11.02.2023 to 12.02.2023.

Dr. R. Muneeswaran, Head of the Department of Mechanical Engineering, participated in a five-day Faculty Development Programme on "Electrical Vehicle Design" organized by Naan Mudhalvan, Government of Tamilnadu at Thiagarajar College of Engineering, Madurai. The programme was held from 13.02.2023 to 17.02.2023.

Mr. V. Kannadhasan, Assistant Professor in the Department of Mechanical Engineering, participated in a five-day Faculty Development Programme on "Product Design Engineering and Modelling" organized by Naan Mudhalvan, Government of Tamilnadu. The programme was held at AlagappaChettiar Government College of Engineering & Technology, Karaikudi, from 13.02.2023 to 17.02.2023.

The Department of Mechanical Engineering conducted a Seminar on "Entrepreneurship Skill Development for Mechanical Buddies" on 28.02.2023 at the ECE Seminar Hall. The seminar was attended by second, third, and final-year students.

Department of Mechanical Engineering organized an online Guest Lecture on "Nano Fuel Production Method for CI Engines" on 03.03.2023 for second, third, and final-year students.

In the SCE Idea Hackathon held at our college campus on 15.03.2023, I. Mahaboo Nisha, M. Balamurugan, and M. Harrish, who are final-year students in the Department of Mechanical Engineering, secured the first prize.

Dr. R. Muneeswaran, Head of the Department of Mechanical Engineering, published a journal paper titled "Identifying Software Development IOT Effort in Human and Machine using Global Wavelet Method" in the Global Journal of Engineering and Technology Advances on 05.03.2023

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Mrs. R. Abirami, Assistant Professor of English, attended a three-day online national workshop on "NEP: In Higher Education" from February 8, 2023, to February 10, 2023.

Mr. Mohanram, HoD of EEE, and Ms. G. Shanthini, Assistant Professor of EEE, presented a paper titled "Maximum Power Point Tracing Using Jellyfish Algorithm" at the International Conference on Recent Trends in Science and Engineering and Technology organized by Kamaraj College of Engineering and Technology on March 9, 2023, and March 10, 2023.

Mrs. R. Abirami, Assistant Professor of English, participated in a three-day national-level virtual workshop on "Role of Assessment and Accreditation Towards Improving the Quality of Education and National Educational Policy Implementation in Higher Educational Institutions" organized by IQAC associated with NAAC from February 8, 2023, to February 10, 2023.

Dr. S. DheepthiGunavathana, Assistant Professor of Physics, attended a one-week International Faculty Development Program on "Advanced Functional: Energy, Environment, and Sustainable Development" from February 28, 2023, to March 9, 2023. The program was organized by the Department of Physics, SRM TRP Engineering College, Tiruchirappalli, Tamil Nadu, through online mode.



## STUDENTS CORNER

R. Hariharan, T. Mohanguru, and S. Kaleeswaran, who are in their third year of Civil Engineering, participated in "SPEAK INDIA." The event was organized by Solamalai College of Engineering in association with FEDERAL Bank and took place on January 25, 2023.

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K. MalaiRaja and Sarojinidevi, third-year Civil Engineering students, won the second prize in a paper presentation competition held at FM CET on March 24, 2023.

Harish.K, Sundarapandian.M, Karthikeyan.P, and Praveen Kumar.S, third-year Civil Engineering students, also participated in the national-level Student Technical Symposium and presented a paper at FM CET on March 24, 2023.

## EVENTS

Mrs. B. Meenambal AP/ECE and Mr. Lakshmana Nainar Sundar AP/ECE have organized Webinar on the topic "Unrevealed Opportunity in IT Sectors" Process of Innovation Development, Technology Readiness and Tech-Transfer on 25.02.2023. All our department faculties and students had actively participated in the event.



The Department of Civil Engineering organized a seminar on "Entrepreneurship Development Program for Civil Trades" presented by AR. Webster Phil Russello, an architect faculty from Dream Zone, at our college premises on February 27, 2023.



On February 27, 2023, the Department of Civil Engineering organized a Guest Lecture on "Recent Technological Progress in the Field of Civil Engineering & Signing of MOU." The lecture was presented by L. Vignesh Kumar at our college premises.