



SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

EDITION #11

AAWAAZZ 2022

JULY TO OCTOBER

VISION

To achieve academic excellence in creating globally competent professionals and an ethically strong global workforce in the field of Computer Science & Engineering, facilitating research activities, and catering to the ever-changing industrial demands and societal needs.

MISSION

- Creating excellence in Computer Science & Engineering through academic professionalism for the changing needs of society.
- Establishing a center of excellence for research and for technical development in the area of Computer Science & Engineering.
- Developing communication skills, teamwork, and leadership qualities for continuing education among the students, through project-based and team-based learning.
- Inculcating ethics and human values for sustainable societal growth and environmental protection.
- Empowering students for employability, aspiring higher studies, and becoming entrepreneurs.

PROGRAM EDUCATIONAL ACTIVITIES

PEO 1. Apply computer science theory blended with mathematics and engineering to model computing systems.

PEO 2. Nurture a strong understanding of logical, computing, and analytical reasoning among students coupled with a problem-solving attitude that prepares them to productively engage in research and higher learning.

PEO 3. Communicate effectively with team members, engage in applying technologies, and lead teams in the industry.

PEO 4. Engage in lifelong learning, and career enhancement and adapt to changing professional and societal needs.

FACULTY ACHIEVEMENT

1

AICTE has approved the new intake of CSE Department as 180 and also an additional AI degree program.

2

The proposal for the offline PDP organized by the Department of Computer Science and Engineering on "Advancements in Image Processing Application" was approved by KTU.

3

Dr. Varun G Menon, Professor and HOD -Department of Computer Science and Engineering, was invited as the Speaker for One Week High - End Workshop on Methods for Creating a Quality Research Article: Software and Writing Perspective (Physical Mode) organized by Indian Institute of Information Technology Kottayam Department of Electronics and Communication Engineering sponsored by Science and Engineering Research Board (SERB).

4

Ms. Sonal Ayyappan, Associate Professor CSE was awarded her Doctoral Degree on 7th, July, 2022 from SRM Institute of Science and Technology, Chennai. Her thesis was titled "Image Deduplication Method for Secured Storage and Transmission of Medical Images."



Dr. Varun G Menon, Professor and HOD, Department of Computer Science and Engineering has delivered a session on *"Avoiding Hijacked and Predatory Journals"* at Indian Institute of Information Technology, Kottayam on July 21st, 2022. Fake version of an original legitimate journal. A hijacked journal is a legitimate academic journal for which a bogus website has been created by a malicious third party for the purpose of fraudulently offering academics the opportunity to rapidly publish their research online for a fee. IN 2012, cyber criminals began hijacking print-only journals by registering a domain name and creating a fake website under the title of the legitimate journals.

In 2012 and 2013, more than 20 academic journals were hijacked. The number has reached more than 200 by 2019.

Plagiarism: The practice of taking someone else's work or ideas and passing them off as one's own.

Retraction: In academic publishing, a retraction when a published paper in an academic journal is removed from the journal. Online journals typically remove the retracted article from online access



Ms.Susmi Jacob, Assistant Professor, Department of Computer Science and Engineering has delivered a seminar on “Context-aware computing in Smartphones” on 23rd August 2022. Context-aware computing describes the situation where a wearable/mobile computer is aware of its user’s state and surroundings and modifies its behavior based on this information.

Dr.Manish T I ,Professor ,Department of Computer Science and Engineering has delivered a session on “Solar Image Processing - A Multiscale View” on 27th, August 2022 .The session provided insight into different solar phenomena and life cycle of the Sun. The discussion extends to Sun-Earth Connection and how it affects the space and earth climate. Further how it can be utilized for computing purposes for classification and prediction. The seminar concluded with opportunities associated with solar research and dataset availability.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE SHARING SERIES- 18

TOPIC
Solar Image Processing - A multiscale view

Dr. Manish T I
Professor
Department of Computer Science and Engineering
SCMS School of Engineering and Technology

27 AUG 2022 | 10:00 AM

SSET SCMS School of Engineering and Technology
Chennai, Tamil Nadu, India. Contact: 044 2251 1000
www.scms.ac.in

Special Coordinator
Ms. Jyoti Chitambar

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NBA  



Ms. Asha S has conducted a seminar on 'Adversarial Machine Learning' as part of KTU PhD regulation on 30/08/2022. She conveyed the importance of machine learning in today's era, the need for making machine learning systems reliable and robust. She addressed the various adversarial attacks and attack generation strategies. A detailed study on various adversarial machine learning tools were also introduced.



A team of 6 faculties Ms. Rosebell Paul-Assistant Professor, Ms. Neethu Krishna- Assistant Professor, Asha S-Assistant Professor, Mr. Mahesh K M,-Assistant Professor Sreemol R,-teaching Assistant, Scaria Alex - Assistant Professor, from the Computer Science and Engineering Department of SCMS School of Engineering and Technology were deputed for Smart India Hackathon 2022 which is Nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. They were appreciated for their exceptional contribution as Technical Expert in Smart India Hackathon, 2022 which was held at SCMS School of Technology and Management on 26th and 27th August 2022.




Scaria Alex has completed his PhD on 3rd, Sept 2022 from Kalasalingam University, Madurai on his research on "Hybrid Classification Algorithm for detecting Malicious JavaScript Code". The research was on to identify if the code embedded in a webpage contains Maliciousness that could infect a user system with the help of deep learning and swarm algorithm.

Mrs. Deepa K., Asst. Prof., Dept of MCA was awarded PhD in Computer Science from Bharathiar university on the topic ' A machine learning approach for Android Malware detection using refined attributes' on 2nd, Sept 2022. The research work analyzed various static and dynamic features in Android operating system and proposed a machine learning model for malware detection using refined attributes.




Congratulations!
ACADEMIC TOPPERS
 (2018-22 BATCH)


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




**BHAVYA
JINARAJ**





ABHIRAMI C A




SILPA P T



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 Campus: Vidyā Nagar, Kozhikode, Ernakulam – 685570 Kerala
 Tel: 7034700074, 7034700075, +91 484 2882000

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Congratulations!
ACADEMIC TOPPERS
 B. TECH DEGREE EIGHTH SEMESTER EXAMINATION JUNE, 2022
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




ASWATHY RAJAN
SGPA – 9.42




NIMISHA KURIACHAN
SGPA – 9.33




DANIEL DAVIS
SGPA – 9.25




NITHIN P
SGPA – 9.25





SILPA P T
SGPA – 9.25



ABHINAYA MENON
SGPA – 9.25


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INTERNATIONAL CONFERENCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IEEE
Advancing Technology
for Humanity

**International Conference on Computing,
Communication, Security and Intelligent Systems
(IC3SIS-2022)**

THEME
Intelligent Computing Solutions for a
Secure Digital World

Keynote speakers IC3SIS'22


Dr. Venki Indrasubramanian
Technique University,
Australia


Dr. Akshai Kumar
Maulana Azad Memorial
University,
UK


Prof. Ajith Abraham
Director,
Machine Intelligence Research
Lab


Prof. Shafiq Memon
Institute de
Telecommunications,
Portugal


Dr. Harjinder Singh
IIT (IT) Durgam,
India

Co-sponsored by IEEE Kerala Section

23, 24, 25 JUNE 2022

 **SSET** SCMS School of
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The Department of Computer Science and Engineering, SCMS School of Engineering and Technology (SSET) has conducted a 3-day online international conference named **International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS-2022)** on June 23-25, 2022. This conference will be an outstanding international venue for academicians, researchers, and research scholars to exchange their ideas and discoveries in theory, methodology, and applications of novel computing, communication, and intelligent systems. This conference has the potential to greatly enhance educational opportunities to the students' community. The conference goal was to bring together scholars and practitioners from academia and industry to meet and share cutting-edge ideas.

The conference was an international platform aimed at bringing together prominent academicians, researchers, and research scholars to interact and share their experiences and hard-won technological achievements on all aspects of Computing, Communication, and Intelligent Systems based on their study. The conference's main purpose was to promote theoretical and practical study and development in recent advances in computing, communication, and intelligent systems. This conference also threw lights on the ongoing research in the field and hence to foster research relations between the Universities and the industry and give participants a review of the latest and upcoming trends in the next few Years.

The theme of the conference is "Intelligent computing solutions for a secure digital world". This conference provided a forum for leading experts from the fields of intelligent, secure and high-performance computing, communications to present their latest research, exchange ideas, and conduct brainstorming applications. Intelligent and secure computing and communications has become the major requirement for various cutting-edge applications, research and industry in many countries in general, and in India in particular. This conference fosters discussion on breakthrough innovations focused on intelligent, innovative and secure solutions in the field of next generation computing as well as communication for developing smart systems to make human life easier and more efficient.

IC3SIS'22 by Dr.Bijoy Jose Secretary, IEEE Kerala Section,Dr. M.V.Rajesh, Chair, IEEE Kochi subsection,Dr.Anitha G Pillai, Principal SSET,Prof.Dr.Venki Balasubramanian, Federation University, Australia,Dr.Varun G Menon,Professor and HOD,Dept of CSE,SSET and Dr Anu V R Associate Professor,SSET.

The IC3SIS'22 started with a grand inauguration by Chief guest Prof.Dr.Venki Balasubramanian, Federation University, Australia and followed by the presidential address of Dr.Anitha G.Pillai, Academic Dean (SCMS college of Engg and Technology). Followed felicitation by Dr. M.V.Rajesh, Chair, IEEE Kochi subsection. The book of Abstracts IC3SIS'22 was released by Dr.Bijoy Jose Secretary, IEEE Kerala Section.

The conference included 20 concurrent sessions under 6 tracks with 115 papers in which there were invaluable presentations by both national and international presenters around the globe. IC3SIS'22 sessions were highlighted with 5 keynote sessions by Prof.Dr.Venki Balasubramanian, Federation University, Australia, Dr. Akshi Kumar, Manchester Metropolitan University, UK, Dr. Ajith Abraham, MIR Labs, USA, Dr. Shahid Mumtaz, Instituto de Telecomunicações, Portugal, Dr. Hari Prabhat Gupta, IIT (BHU), India. General Chair of the conference IC3SIS is Dr.Anu V.R.(Department of CSE,SCMS college of Engineering and Technology) and this three day mega event is well organized under the guidance and support of Dr.Varun G.Menon ,HOD (Department of CSE,SCMS college of Engineering and Technology),Mrs. Sonal Ayyappan (Department of CSE,SCMS college of Engineering and Technology) proposed vote of Thanks.



FDP

1. Registration started for *KTU Sponsored FDP* on “Advancements in Image Processing Applications” organized by Department of Computer Science and Engineering under the coordinatorship of Dr.Sonal Ayyappan and Ms.Litty Koshy.
- 2- The Department of Computer Science and Engineering, SCMS School of Engineering and Technology, organized a 5-Day Offline Faculty development Programme on “ Advancements in Image Processing Applications “ on 29th August to 2nd September 2022.



The programme was sponsored by APJ Abdul Kalam Technological University and it was inaugurated by Dr.K. Mennakshy, Professor and Head, Dept of Electrical and Electronics Engineering, Govt. Engineering College, Patakkad. Dr.Varun G.Menon, Head of the Computer Science department welcomed the gathering and Dr.Anitha G.Pillai gave the presidential address. Dr.Sonal Ayyappan was the Centre Coordinator of the FDP. This Five-Day Faculty Development Programme was handled by eminent resource persons from academia and industry. This Faculty development Programme provided a strong theoretical background along with practical experience in the field of Image Processing (IP).

Department of Computer Science and Engineering has arranged an Onasadya on September 3rd, 2022.

