

**Sullamussalam International Conference on Science, Arts &
Commerce
(SICSAC- 2024)**

13, 14, 15 February 2024.



Report of

**PG and Research Department of Computer Science
Sullamussalam Science College, Areekode**

Introduction:

The Sullamussalam International Conference on Science, Arts & Commerce (SICSAC-2024), held from February 13th to 15th, 2024, emerged as a platform where academia and research intersected to foster interdisciplinary dialogue and cultural exchange. The presence of dignitaries and an impressive lineup of scholars and students from various regions made the conference's inception more meaningful and prosperous.

This report provides an in-depth overview of the Computer Science department sessions, focusing on the papers presented and the ensuing discussions

Introduction to SICSAC-2024 Computer Science Sessions:

Major Themes

Artificial Intelligence, Machine Learning, and NLP

Artificial Intelligence and Robotics

Big Data Analytics

Biometrics and Computational Biology

Data Mining and Database

Internet of Things (IoTs)

High-Performance Computing

Blockchain and Decentralized Systems

Cybersecurity

AI and Cyber Physical System

Networking and Embedded Systems

Computer Vision and Augmented Reality

Wireless Networks and Distributed Systems

Overview of Computer Science Department Sessions:

The Computer Science department sessions at SICSAC-2024 covered a range of themes reflecting the latest research trends in computer science and engineering. These sessions aimed to showcase the latest research findings, stimulate intellectual discourse and offer innovative insights into various aspects of computer science in terms of theory and practices.

Keynote- (February 13, 2024, 12.30 to 1.30 pm):

Dr. Lajish VL, the head of the Department of Computer Science at the University of Calicut) delivered a keynote address titled "Fostering Responsible AI for Social Good: A Computational Perspective." In his speech, Dr. Lajish discussed various facets of AI, including the notion of whether machines can genuinely think, the concept of data-driven learning, challenges related to bias in AI systems, considerations of fairness in deep learning, techniques for detecting and mitigating bias, and the importance of promoting responsible AI applications for societal benefit. The session provided attendees with valuable insights into AI technologies' ethical and societal implications.

Key note-Online (International): (February 13, 2024):

Mr. Ameer Azhar NV, the program director in Instrumentation and Control Engineering at Jubail Industrial College, Kingdom of Saudi Arabia, delivered the keynote address on "Exploring Pedagogy in Interdisciplinary Undergraduate Programs: Math, Computer Science, and AI".

His comprehensive discussion encompassed various aspects, including teaching methodologies, learning paradigms, and the integration of AI across disciplines. Key topics explored during his session included the methods of instruction, the dynamics of student learning, and the practical applications of AI, machine learning, deep learning, and computer vision. Furthermore, he shed light on the evolving job market landscape influenced by AI, emphasizing the requisite skills and the significance of foundational subjects such as mathematics, statistics, and probability. He also highlighted essential AI tools essential for contemporary professionals.

Paper Presentation Session (February 13, 2024):

- **Chair:** Dr. Haleem, Kannur University
- Seven researchers presented their paper, addressing themes like An Ensemble Model for Sniffing Dark Web URL Hopping, Calming Technique leading to addiction in kids, Project-U: Enhancing Personal Safety with Portable Embedded Technology for Stray Dog Deterrence, Autoencoder Approach for Noise Removal from Images, Integrating Multi-

Modal Neuroimaging and Machine Learning Techniques: An AD Stage and Risk Prediction, and A Literature Survey on Emotion Recognition System Using Facial Expressions.

Conclusion: The Computer Science department sessions at SICCSAC-2024 provided a platform for scholars, researchers, and educators to engage in meaningful dialogue and exchange ideas on various aspects of computer science and engineering. Through paper presentations and discussions, participants contributed to advancing knowledge in the field, reflecting the conference's overarching goal of promoting interdisciplinary research and cultural exchange.

1. Department of Computer Science Posters (with thrust areas and poster for plenary sessions.)
 - o See the attachment.
2. Schedule of Sessions
 - o See the attachment.
3. Paper Presentations schedule
 - o See the attachment.
4. Paper Presentation photos
 - o See the attachment

2024
FEBRUARY
13,14,15

CALL FOR PAPERS

DEPARTMENT OF COMPUTER SCIENCE
SULLAMUSSALAM SCIENCE COLLEGE
Areekode, Ugrapuram P.O, Malappuram Dt.



SICSAC SULLAMUSSALAM 2024 INTERNATIONAL CONFERENCE ON SCIENCE, ARTS & COMMERCE

The Sullamussalam International Conference on Science, Arts & Commerce (SICSAC-2024) is an interdisciplinary gathering scheduled to be held from February 13th to 15th, 2024. It encompasses a wide range of subjects, fostering cross-disciplinary collaboration among scholars from diverse fields. The conference also celebrates linguistic diversity by including languages like Arabic, Malayalam, and Hindi. SICSAC-2024's objectives encompass promoting holistic education, enhancing cross-cultural communication, and exploring innovative strategies across various domains. Join us at SICSAC-2024 to connect, collaborate, and contribute to the global dialogue on education and culture, shaping a more interconnected world.

THRUST AREAS

- Artificial Intelligence
- Machine Learning and NLP
- Artificial Intelligence and Robotics
- Big Data Analytics
- Biometrics and Computational Biology
- Data Mining and Database
- Internet of Things (IoT)
- High-Performance Computing
- Blockchain and Decentralized Systems
- Cybersecurity
- AI and Cyber Physical System
- Networking and Embedded Systems
- Computer Vision and Augmented Reality
- Wireless Networks and Distributed Systems

Abstract Submission : 20th December 2023
Acceptance of Abstract : 27th December 2023
Full Paper Submission : 20th January 2024
Send Your Paper to sicsac2024@sscollege.ac.in

Participation- FOR ONE DAY : 100
Presentation- PG & UG : 300
Presentation- Research Scholars : 400
Presentation- Faculty members : 500
Presentation- Industrial Professionals : 700

PAYMENT



REGISTRATION



DEPARTMENT COORDINATOR: Dr. Muhammed Basheer K P - 96339 13396

SICSAC
2024

Sullamussalam
**INTERNATIONAL
CONFERENCE**

ON SCIENCE, ARTS & COMMERCE

2024
FEBRUARY
13|14|15



DR. LAJISH V L

Associate Professor & Head,
Dept. of Computer Science,
University of Calicut

**TOPIC: Fostering Responsible AI for Social Good:
A Computational Perspective**

KEY
NOTE



Mr. AMEER AZHAR N V

Program Director, Instrumentation &
Control Engineering Technology,
Jubail Industrial College, Saudi Arabia

**TOPIC: Exploring Pedagogy in Interdisciplinary Undergrad
Programs: Math, Computer Science, and AI**

In association with IQAC



DEPARTMENT OF COMPUTER SCIENCE

SULLAMUSSALAM SCIENCE COLLEGE

Areekode, Ugrapuram P.O, Malappuram Dt.

www.sscollge.ac.in | mail@sscollge.ac.in | 0483 - 2850 700

CS SICSAC 2024 PROGRAMME SCHEDULE

12.30 to 1.30 pm Key note-

Welcome: Dr. KP Mohamed Basheer

Chair: Dr. Shameem K

Faculty: Dr.Lajeesh VL(HoD, Computer Science, Calicut University)

Vote of thanks: Muneer VK

2.00PM TO 3.15PM KEY NOTE –ONLINE(INTERNATIONAL)

Welcome: Rizwana KT

Chair: Dr. Shameem K (HoD, Computer Science)

Faculty: Mr. Ameer Azhar NV

Vote of thanks: Ayyoob MP

3.30pm to 5.00pm Paper Presentation

Welcome: Swapna Mol George

Chair: Dr. Haleem, Kannur University

Vote of Thanks: Muneer VK

SICSAC-2024: Computer Science

Details of Paper Presentation 3.30 to 5.00 pm

SI No	Name of the Candidate	Institution / Organization	Title of the Paper
1	PRINCY S	PRAJYOTI NIKETAN COLLEGE, PUDUKAD	Advancements and Methodologies in Genomic Assembly: A Comprehensive Review
2	SHAFNA A	PRAJYOTI NIKETAN COLLEGE, PUDUKAD	TRAFFIC CONTROL USING BIG DATA
3	Anilkumar K. G., D. Muhammad Noorul Mubarak	University of Kerala, Kerala, India	An Ensemble Model for Sniffing Dark Web URL Hopping
4	Padmaja C	Acharya Institute of Graduate Studies, Affiliated to Bengaluru City University	Calming Technique leading to addiction in kids
5	LAKSHMI G	PRAJYOTI NIKETHAN COLLEGE, PUDUKAD	DATA MINING TECHNIQUES AND APPLICATIONS
6	UA.Samshar, Ramzy Hisham, Mishab K, Shamil Shajayath RN, Muhammed Shahil AK	Sullamussalam Science College, Areekode.	Project-U: Enhancing Personal Safety with Portable Embedded Technology for Stray Dog Deterrence
7	Sheril Kareem K, Saleena T.S	Subulussalam Higher Secondary School, Moorkanad	Autoencoder Approach for Noise Removal from Images
8	P. Ummuhani, Dr. P.K. Abdussalam	Farook College, Kozhikode,	The Evolution of Idiosyncratic Volatility Research: A Bibliometric Analysis
9	Haulath K, Dr. Mohamed Basheer K P	EMEA College	Integrating Multi-Modal Neuroimaging and Machine Learning Techniques: An AD Stage And Risk Prediction
10	MUHAMMED KHASIM. M	MEA ENGINEERING COLLEGE PERINTHALMANNA	A Literature Survey on Emotion Recognition System Using Facial Expressions
11	Aruna S	CMR University, Bangalore	“Dragon Simulator Using Augmented Reality”.

Key Note: (Dr.Lajish V.L): Fostering Responsible AI for Social Good



Key note: (Online)International : Mr. Ameer Azhar NV

AI refers to the simulation of human intelligence in machines.

Applications:

- Healthcare. Ex: Kardia Mobile AI
- Transportation . Ex: Tesla Autopilot
- Finance . Ex: Paypal's Fraud detection system
- Education.Ex: Dreambox learning
- Entertainment.Ex: Netflix's recommendation System

INTRODUCTION TO AI

Pedagogy in Math and CS for AI world by Engr. Ameer Azhar N V, Jubail Industrial College, KSA.

GPS Map Camera

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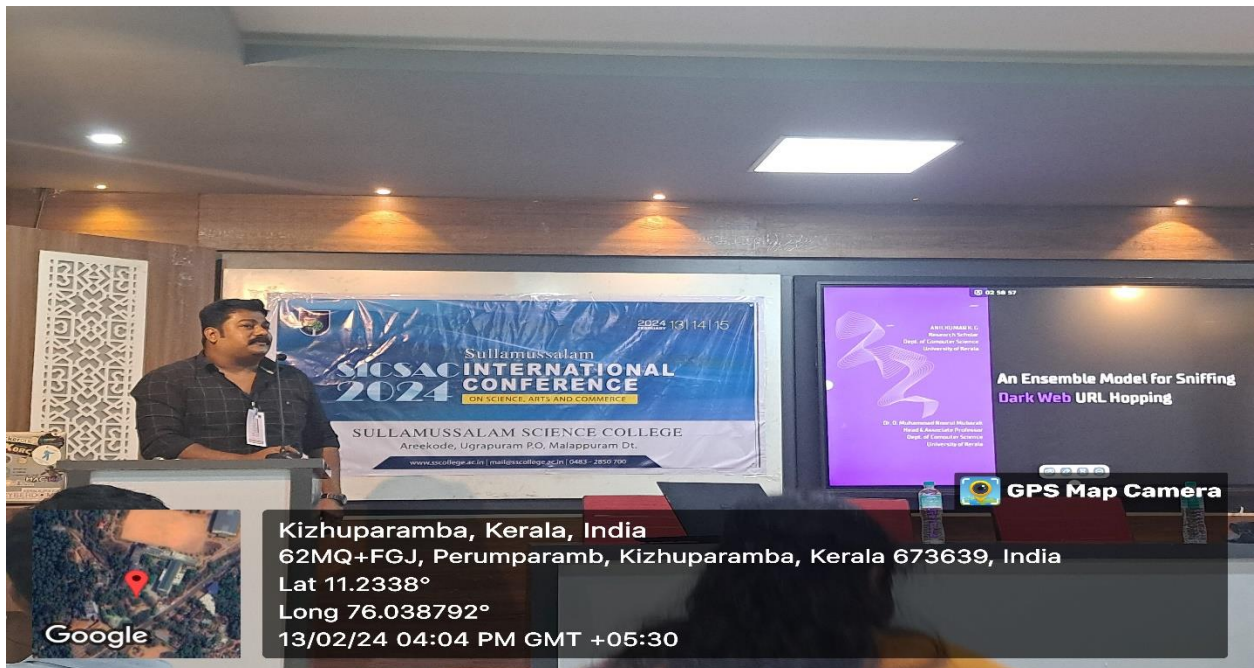
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Paper Presentation Session:



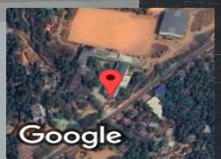


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