AMAL JYOTHI
COLLEGE OF ENGINEERING
K A N J I R A P P A L L Y

24-26
APRIL
2024

NACORE 2024
NATIONAL CONFERENCE ON
RESEARCH IN EMERGING AREAS
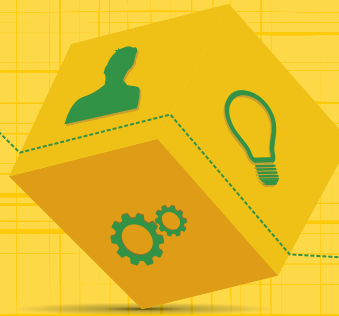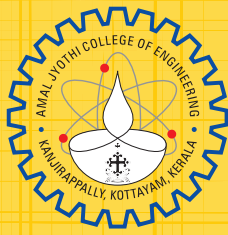
NATIONAL CONFERENCE ON
RESEARCH IN EMERGING AREAS

KSCSTE

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Kottayam
Chapter

Associate Partner

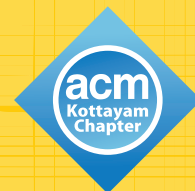**Venue** | **Amal Jyothi College of Engineering**

Amal Jyothi College of Engineering, Kanjirappally has been organizing annual national conferences on major research areas of current interest titled NACORE (National Conference on Research in Emerging Areas) since 2009. The themes of NACORE-24 are Cyber Security, Recent Trends In Computing, Environment and Sustainable Development, Software Engineering, Data Management System.

Important features of the Conference

- ⊙ Keynote lectures by distinguished personalities
- ⊙ Short oral presentations from young research scientists
- ⊙ Round-table meetings and discussions
- ⊙ Publication of proceedings with ISBN
- ⊙ Technical Workshops

doi

www.nacore.in

NACORE 2024
NATIONAL CONFERENCE ON
RESEARCH IN EMERGING AREAS

invitation

Dear Sir/Madam,

It gives us great pleasure in extending you a very warm invitation to NACORE-2024, the 4th National Conference to be held at Amal Jyothi College of Engineering, Kanjirappally, Kerala, during 24-26 April 2024, jointly be organized by the Departments of Computer Science & Engineering and Kottayam ACM Professional Chapter. Focused on the themes the conference is meant to provide a forum for scientists, scholars, engineers, academicians, researchers and students from the universities and the industry across the country, to present ongoing research activities, and to foster research relations between the universities and the industry. The conference provides opportunities for the delegates to exchange new ideas and application experiences face-to-face on the various aspects and to discuss the practical challenges encountered and the solutions adopted.

We look forward to your benign presence, active contribution and support to make this event a roaring success.

Sincerely Yours,

Fr Dr Mathew Paikatt   Dr Lillykutty Jacob   Dr Juby Mathew
Manager   Principal   General Chair
                                                                                                         NACORE - 24

Kanjirappally
01/01/2024

NACORE 2024
NATIONAL CONFERENCE ON
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CALL FOR PAPERS

The Program Committee solicits original research papers to be considered for presentation at the Conference and publication in the proceedings.

CONFERENCE MAIN TRACKS

- Cyber Security
- Recent Trends In Computing
- Sustainable Engineering
- Software Engineering
- Data Management System

AREA1: CYBER SECURITY
Active Defence Systems
Authentication
Biometric Security
Complex Systems Security
Database and System Security
Distributed Attack Systems
High Performance Security Systems
Hardware Security
Intelligent Defence Systems
Internet and Network Forensics
Intrusion Detection and Prevention
Network Security
Security in Pervasive/Ubiquitous Computing

AREA2 : RECENT TRENDS IN COMPUTING
Artificial Intelligence tools & Applications
Bio-informatics
Natural Language Processing
Computer Vision and Speech Understanding
Data Mining
Computational Theories of Learning
Information Retrieval
Intelligent System Architectures
Knowledge-based Systems
Multimedia & Cognitive Informatics
Neural Networks
Robotics
Semantic Web Techniques and Technologies
Software & Hardware Architectures
Soft Computing

Fuzzy Systems
Machine learning
Image processing
E-Commerce
Signal Processing
Biomedical Engineering
Pervasive computing and ambient intelligence
Programming Languages

AREA 3 : ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

AREA 4 : SOFTWARE ENGINEERING

AREA 5 : DATA MANAGEMENT SYSTEM

Submit your paper:
nacore@amaljyothi.ac.in

PUBLICATION

The selected papers will be published in IJERA (International Journal on Emerging Research Areas) and proceedings with ISBN.

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IMPORTANT DATES

Paper submission opens	:	01/01/2024
Submission closes	:	10/04/2024
Notification of acceptance	:	15/04/2024
Camera ready paper	:	20/04/2024
Conference dates	:	24, 25, 26 April 2024

REGISTRATION FEE		Account Details	
Delegates	Rupees	Account Name:	CSE AJCE
Industry	2500	Account Number:	0844053000000828
Academic	2000	IFSC Code:	SIBL0000844
Research Scholar / Student	1000	Bank:	South Indian Bank
Accompanying person	500		Koovappally Branch
General Registration	1000		

TOURIST INFORMATION-MAIN VENUE

KUMARAKOM BIRD SANCTUARY – 56 KM FROM THE VENUE

Kumarakom Bird Sanctuary is situated at Kumarakom in Kottayam district. Covering an area of 14 acres Kumarakom Bird Sanctuary is a delight for the lovers of birds. It occupies the area on the banks of the Vembanad Lake and offers its visitors a glimpse of Kerala's natural beauty. Major attractions are Flora, Birds, Houseboats and motorboat etc.

THEKKADY (PERIYAR TIGER RESERVE) – 60 KM FROM THE VENUE

Periyar Tiger Reserve, Thekkady, Idukki Dist, is an example of nature's bounty, with great scenic charm, and rich bio diversity, providing veritable visitor satisfaction. Sprawled over an area of 777 Sq .km. Periyar is one of the 27 tiger reserves in India.

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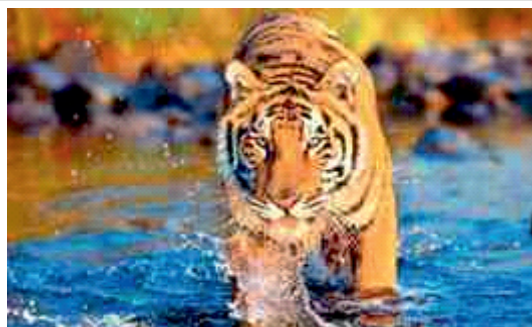
WAGAMON (TREKKERS' PARADISE AND PARAGLIDING) – 40 KM FROM THE VENUE

Wagamon is located about 65 km from both Kottayam and Idukki. Situated at an elevation of about 1100 meter above the sea level, it is famous as a trekkers' Paradise. Wagamon also has the distinction of being one of the " 50 must see sights in the world" according to National Geographic Magazine. Also it is a hill station noted for its misty meadows, splashing waterfalls, and exciting trekking paths.

VEMBANAD LAKE – 50 KM FROM THE VENUE

Vembanad is India's longest lake, and Kerala's largest lake. The Vembanad wetland system covers an area of over 1512 km. The lake is bordered by Alapuha, Kottayam, and Ernakulam districts. It lies at sea level, and is separated from the Arabian Sea by a narrow barrier island. Several rivers flow into the lake and Canals link the lake to other coastal lakes of the region.

ELAVEEZHAPOONCHIRA MOUNTAINS – 40 KM FROM THE VENUE

Skirting the Kottayam District are the beautiful valleys of Elaveezhapoonchira, spread over thousands of acres in Melukavu village of Meenachil Taluk. The pristine beauty of nature is preserved almost intact here in the imposing mountain ranges with rocky cliffs. The different elevations of the mountain ranges with contrasting shapes give this hill station a dramatic and distinctive outline of great scenic splendor. Just below the hill, there is a small perennial pond like water body called 'poonchira'.

GRAMPI HILL STATION – 35 KM FROM THE VENUE

The picturesque hill station of Grampi, situated 5 kms from Peerumade is also known as the Parunthupara, meaning the eagle rock. Rocky plains, lush hillsides, forests, trekking trails and picturesque views lend charm to this destination. The road to Grampi is flanked by unending stretches of cardamom, tea and coffee plantations.

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CONTACT INFORMATION

Email: nacore@amaljyothi ac in

Dr Juby Mathew, General Chair
Head, Department of Computer Science & Engineering
E-mail: hodcse@amaljyothi ac in
Tel: + 91 9447 601 251

Mr Syam Gopi, Organizing Chair
Associate Professor, Department of Computer Science & Engineering
E-mail: syamgopi@amaljyothi ac in
Mobile: + 91 9946 847 530

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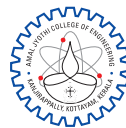Anishamol Abraham
Binesh Babu

REGISTRATION FORM

24-26 APRIL 2024

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Department of Computer Science & Engineering

Organized by
Amal Jyothi College of Engineering Kanjirappally

Name : _____

Affiliation : _____

Qualifications : _____

Designation : _____

Gender (M / F) : _____

Department : _____

Organization : _____

Mailing Address : _____

_____

_____

_____

Phone : _____

Email : _____

Mode of Payment : _____

UTR Code / Payment ID : _____

Nodal Centre Name : _____ NC ID : _____

Declaration by the Applicant

The above mentioned information is true to the best of my knowledge and belief. I shall attend the course for the entire duration.

Signature of Applicant

Signature of the Head / Principal with Seal :

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