

## ORGANIZING COMMITTEE

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Dr. Biju Varghese, Chairman  
Mangalam Educational Institutions

### **Patron**

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Mangalam College of Engineering

### **Conference Chair**

Ms. Neethu Maria John, Assistant Professor & HoD  
Department of CSE

### **Convenor**

Dr. C Sahaya Kingsly, Associate Professor  
Department of CSE

### **Organizing Secretaries**

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Ms. Nimmyamol Manuel, HoD Dept. of AI & ML  
Ms. Jinu P Sainudeen, Asst. Prof., CSE  
Ms. Divya S B, Asst. Prof., CSE  
Mr. Eldhose K Paul, Asst. Prof., CSE

## Executive Members

|                                |                        |
|--------------------------------|------------------------|
| Dr. S. Padmalal                | Mr. Vimal Babu P       |
| Dr. G.S.S. Rao                 | Ms. Sruthy K Joseph    |
| Dr. Sabu George                | Ms. Anjana J Mani      |
| Dr. Devarapalli Lakshmi Tulasi | Ms. Nayana N Panicker  |
| Ms. Sruthy Emmanuel            | Mr. Sanoj C Chacko     |
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| Ms. Syamamol T                 | Ms. Amritha Solomon    |
| Ms. Merlin Mary James          | Ms. Anjumol Zacharia   |
| Mr. Jayakrishnan B             | Mr. Anoop T Sasidharan |
| Ms. Roja Thomas                | Ms. Justy Jameson      |
| Mr. Chris Chettissery          | Ms. Aiswarya Mohan K   |
| Ms. Anjana Sekhar              | Mr. Dheeraj N          |
| Ms. Tinu Thomas                |                        |
| Ms. Gayathri R Krishna         |                        |

## ADVISORY COMMITTEE

Prof. Ke-Lin Du, ECE, Concordia University Montreal,  
H3G 1M8, Canada

Prof. Dr. Vaclav Snasel, CSE, VSB-Technical University of  
Ostrava, Czech Republic.

Prof. Dr. Janet Light, CSE, University of New Brunswick,  
Canada.

Prof. Dr. Rajendra Hegadi, IIIT, Dharwad, Karnataka.

Prof. Dr. Philip Samuel, Head-CSE, CUSAT, Kerala.

Prof. Dr. Ebin Deni Raj, Head-CSE, IIIT, Kottayam, Kerala.

Prof. (Dr.) Ajith Abraham, Editor-in-Chief, Engineering  
Applications of Artificial Intelligence.

Prof. Dr. John Martin, CSIS, Jazan University (Ministry of  
Higher Education), KSA, Saudi Arabia.

Prof. Dr. S. D. Prabu Ragavendiran, Head-CSE, RVS  
Technical Campus, Tamilnadu.

Dr. Ram Prasad K, Director VisionCog Research and  
Development Pvt. Ltd. Kerala.

Prof. Dr. S. R. Balasundaram, Computer Application, NIT  
Trichy, Tamilnadu.

Prof. Vinny Souza, Computer Application, NIT Trichy,  
Tamilnadu.

Prof. Dr. Sabu M. Thampi, CSE, Kerala University of Digital  
Sciences, Innovation and Technology (KUDSIT).

Prof. Dr. D. Dhanya, Head-CSE, Mar Ephraem College of  
Engineering & Technology, Kanyakumari, TN.

Prof. Dr. Manjunath K. N., CSE, Manipal Institute of  
Technology, Manipal, Karnataka

## COMMUNICATION DETAILS

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 **MANGALAM COLLEGE OF ENGINEERING**  
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Approved by AICTE, NAAC Accredited &  
Affiliated to APJ Abdul Kalam Technological University



**5<sup>th</sup> INTERNATIONAL CONFERENCE ON  
COMPUTATIONAL INTELLIGENCE  
AND DIGITAL TECHNOLOGIES  
ICCIDT 2K23**



[www.mangalam.ac.in/iccidt23](http://www.mangalam.ac.in/iccidt23)

**ORGANIZED BY  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
AND AI & ML**

**11<sup>th</sup> & 12<sup>th</sup> MAY 2023**

IN COLLABORATION WITH:  
IJERT & LECTURE NOTES ON  
NETWORK AND SYSTEM  
CONFERENCE PROCEEDINGS



IN ASSOCIATION WITH:  
COMPUTER SOCIETY OF INDIA &  
MANGALAM ASSOCIATION OF COMPUTING



[www.mangalam.edu.in/engineering](http://www.mangalam.edu.in/engineering)

### ABOUT THE COLLEGE

Mangalam Educational Institutions, Ettimanoor was founded by late Mr. M.C Varghese. Mangalam College of Engineering (NAAC accredited) is one of the institution under the Educational Society which started functioning from the year 2002. The various blocks are spread over 25 acres with a built up area of about 160000 sq. meters. Mangalam College of engineering offered B. Tech., M. Tech., and Ph.D. programmes in different disciplines.

### ABOUT THE DEPARTMENT

Department of Computer Science and Engineering at Mangalam College of Engineering, was established in 2002 to meet the challenges of higher education, research and innovation in key areas of Computer Technology. The department equipped with wifi enabled excellent laboratories and library to carry out research projects. The department aims to develop computer and software engineers who are industry ready, innovative and entrepreneurial to become global leaders in research and technology. Workshops and hand on sessions are conducted on a regular basis, to put on practice, the theoretical concepts learned in the classrooms. The department frequently conducts seminars and invited talks with the support of experienced resource persons from the industry.

**Vision:** To become centre of excellence in computing and research where future generations embrace technologies wholeheartedly and use its possibilities to make the world a better place to live.

**Mission:** Enlight the young talents to achieve academic excellence as well as professional competence by imparting state of the art knowledge in computing and to be admirable individuals with ethical values and appropriate skills.

#### Program Educational Objectives

PEO 1: Graduate will have strong foundation and profound knowledge in computing and allied engineering and be able to analyze the requirements of real world problems, design and develop innovative engineering solutions and maintain it effectively in the profession.

PEO 2: Graduate will adapt to technological advancements by engaging in higher studies, lifelong learning and research, there by contribute to computing profession.

PEO 3: Graduate will foster team spirit, leadership, communication, ethics and social values, which will lead to apply the knowledge of societal impacts of computing technologies.

### CONFERENCE THEME

ICCIDD 2K23 aims to explore Computational Intelligence and Digital Technologies in a wide range in the form of presentation and discussion with eminent personalities in terms of experience and expertise.

#### *Call for Papers:*

All Papers related to Computational Intelligence and Digital Technologies are invited as detailed but not limited.

- \* Artificial Intelligence & Robotics
- \* Big Data & Cloud Computing
- \* Digital Signal & Image Processing
- \* Data Compression & Multimedia Techniques
- \* E-learning & Internet of Things
- \* Embedded System & Machine Learning
- \* Grid Computing & Web Technologies
- \* Network Security
- \* Mobile Computing & Wireless Communication

### IMPORTANT DATES

Manuscript submission: 1<sup>st</sup> May 2023

Manuscript acceptance: 4<sup>th</sup> May 2023

Registration Opens : 5<sup>th</sup> to 10<sup>th</sup> May 2023

Final Manuscript : 10<sup>th</sup> May 2023

Conference Date : 11<sup>th</sup> & 12<sup>th</sup> May, 2023

#### *Submission Procedure*

\* The softcopy of the full manuscript should be sent through email to [iccidd@mangalam.in](mailto:iccidd@mangalam.in) on or before the submission date. The manuscript format is available in <https://www.mangalam.ac.in/iccidd23>

\* Submission should be an original contribution and should not have been presented or published elsewhere.

### REGISTRATION FEE DETAILS

| NATURE OF PARTICIPANTS            | INDIAN | FOREIGN |
|-----------------------------------|--------|---------|
| UG/PG Students                    | ₹2500  | \$30    |
| Research Scholar                  | ₹4000  | \$50    |
| Academicians & Industry Delegates | ₹7000  | \$85    |

*Note: Payment details and Registration form will be given after completing the peer-review process.*

### PUBLICATIONS

\* All submitted papers will be peer-reviewed to ensure their quality and relevance.

\* All accepted & registered papers will be published in peer-reviewed journal IJERT and Lecture notes on Network and System without any additional payment.

\* Presentation method is available in both online and offline mode.

\* Quality papers will be published in Lecture Notes On Network And System Conference Proceedings.

### KEYNOTE SPEAKERS

Dr. Ben George Ephrem  
Information Technology Department  
Higher College of Technology (HCT) Muscat  
Sultanate of Oman

Dr. Ebin Deni Raj  
Dean of Academics  
IIIT, Kottayam, Kerala