



**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

**EDGE
2022**

**THIRD INTERNATIONAL
CONFERENCE ON
ENGINEERING DIGITAL
GREEN ERA
(VIRTUAL MODE)**

Organized By

Departments of **CSE,IT,AI&ML,CSBS,ECE** and **BME**

APRIL 29-30, 2022

Rajalakshmi Engineering College,
Rajalakshmi Nagar, Chennai - 602 105, Tamil Nadu, India.

IN ASSOCIATION WITH



**IEEE
COMPUTER
SOCIETY**



RAJALAKSHMI ENGINEERING COLLEGE

Rajalakshmi Engineering College was established in the year 1997 under the aegis of Rajalakshmi Educational Trust whose members have consummate experience in the fields of education and industry. The college has grown from strength to strength in the last 20 years and progressing towards excellence in engineering education, research and development. College offers 17 UG courses(B.E /B.Tech),8 PG courses(M.E/M.Tech) & MBA and PhD programs. Rajalakshmi Engineering College is a dynamic growth oriented college facilitating and promoting professional education and research in emerging areas of higher education. The college aims at inculcating essential skills as demanded by the global industry, through the interactive learning process.

ABOUT EDGE 2022

Digital Era marks advancement in technology and the new development model enforces a mutual compatibility between economic development and the ecosystem. Green transformation is the widespread required way of development after industrial revolution. EDGE 2022 aims to provide a premier interdisciplinary forum for the academicians, researchers, industrialists and practitioners to exchange the latest advances and applications of digital life applied to the next generation. The conference provides a platform to present the most recent research findings, latest advancements, challenges and explore the future directions in the new Digital Green Era. The event marks a national/international networking of peers and experts for collaboration and information sharing.

EDGE2022 Website :

<http://www.rajalakshmi.org/edge2022>

CONFERENCE OBJECTIVES

The conference will provide an opportunity for

- Presenting new technology and application findings in Digital Life
- Discussions on future directions in Digital World Era
- Exploring challenges and technological development on the next generation of Digital Green Era
- International/National networking for collaboration and information sharing

CALL FOR PAPERS

EDGE-2022 invites the submission of original, unpublished technical papers on the topics including but not limited to:

- Artificial Intelligence
- Big Data
- Block Chain Technology
- Cloud Computing
- Computational Intelligence
- Computer Vision based applications
- Cyber Physical Systems
- Data Analytics
- Deep Learning
- Embedded Systems and IoT
- Evolutionary Computing
- Machine Learning
- MEMS & NEMS
- Next Gen Communication and Networks
- Pattern Recognition
- Security Technologies
- Signal, image & video processing
- Soft Computing
- UAV systems
- VLSI design & applications
- Medical Instrumentation, Imaging & Bio signal Processing
- Internet of Things in Medicine
- Robotic Applications in Medicine
- Virtual and Augmented Reality in medical applications
- Lasers in Medicine
- Artificial Intelligence in diagnostic applications
- Radiological Image processing tools
- Image based Medical Screening Apps
- Bioelectrical Signal Analysis
- Audio & Speech Processing Applications

PAPER SUBMISSION

- Kindly use IEEE Paper Template for formatting your paper. Full papers should be restricted to 6 pages.
- The paper should be original and should not have been published anywhere else or be under review for any journal or other conferences.
- Tables, figures and images should have appropriate captions and be of good quality. Each of these items must be cited inline in the main text of the manuscript.
- The full article must be submitted as a MS Word file in DOC or DOCX format or in PDF format.
- Upload the full paper through the EasyChair platform. Once the full paper is accepted, author(s) will be intimated through Email.

Note:

- At least one author has to register in the conference for the paper to be included in the conference proceedings. **Registration has to be done using the link: <https://bit.ly/3vTAQtu>**
- Camera ready paper should be submitted before the deadline.
- Extended versions of high quality papers will be published in Scopus indexed conference proceedings. Additional Publication Charges are applicable.

CONFERENCE REGISTRATION

Students(UG/PG), Research Scholars, Faculty	₹ 1000/-
Industry Persons	₹ 1500/-
Foreign Authors	100 USD

FOR PAPER SUBMISSION:

<https://easychair.org/conferences/?conf=edge2022>

PAYMENT

Fees can be paid using electronic transfer through the following account:

Name of the beneficiary : RAJALAKSHMI ENGINEERING COLLEGE-CSI

A/C No : 1384002100029095

Bank Name : PUNJAB NATIONAL BANK

Branch name: Anna Nagar, Chennai - 600040

IFSC Code: PUNB0138400

IMPORTANT DATES

Last date for Paper submission: 9.04.2022

Acceptance Notification: 15.04.2022

Camera ready Submission: 20.4.2022

Conference Dates: 29.04.2022 & 30.4.2022

Registered delegates will receive confirmation through e-mail.

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