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NATIONAL CONFERENCE

ON

IoT APPLICATIONS IN SMART CITIES

NCIASC – 22

30th & 31st March 2022

Sponsored by



AICTE, New Delhi

&

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ARUNACHALA COLLEGE OF ENGINEERING FOR WOMEN

Manavilai, Vellichanthai - 629 203
Kanyakumari District, Tamilnadu
Website : www.arunachalacollege.com

ABOUT THE COLLEGE

Arunachala College of Engineering for Women, promoted by Thottam Madhavan Educational and Charitable Trust was established in the year 2009. The Institution offers the following UG, PG and Ph.D Degree Programmes.

UG Programmes

B.E. in ECE / CSE / EEE / Civil/Artificial Intelligence and Data Science

PG Programmes

M.E. Communication Systems

M.E. Applied Electronics

M.E. Computer Science & Engg.

M.E. Construction Engg. & Management

M.E. Power Electronics & Drives

MBA -Master of Business Administration

Ph.D/M.S(By Research)

Electrical & Electronics Engineering

The college made track record in Anna University Examinations with highest percentage of pass with highest marks. The institution has secured 2nd place among all the affiliated engineering colleges in Tamil Nadu. So far, the institution has bagged 179 university ranks including 1st Rank. In total number of ranks, our institution is No.1 among the women's institution in Tamil Nadu. Our Institution received Best Women Engineering College Award from ISTE, New Delhi in the year 2009. Our Institute bagged various awards for various reputed national bodies. It has organized various Anna University & AICTE sponsored Faculty Development Programmes. More than 85% of students are placed in top MNC'S with annual package of more than 6 Lakhs per Annum.

LOCATION

The College campus is located near the famous Vellimalai Temple and it is about 13 kms from Nagercoil Railway Station and 12 kms from Nagercoil Bus stand. It is about 30 kms from Kanyakumari (Cape Comerin) and 66 kms from Thiruvananthapuram.

SCOPE OF THE CONFERENCE

This conference aims to provide an excellent opportunity for the academicians, research scholars and industrial communities to share their views and innovations on recent challenges and emerging issues in the field of IoT in Smart Cities and allied applications in E-Vehicles and Health care. It is also proposed to have eminent personalities to deliver key note address in their research specializations for the benefit of the delegates of the conference.

CALL FOR PAPERS

Original contributions based on the results of research on the wide range of topics are listed below but not limited to

- **IOT based intelligent transportation system**
- **Cyber security for smart cities using IoT**
- **E-Vehicle monitoring system using IoT**
- **IoT based waste water management system**
- **Energy management system using IoT**
- **IoT based solid waste management system**
- **Public safety system using IoT**
- **Smart metering Technology using IoT**
- **IoT based health care system**
- **Smart street lighting & Parking system using IoT.**

MANUSCRIPT SUBMISSION

The authors are asked to submit their original research articles which have not been submitted elsewhere or under review in other journals. All the papers should be submitted through easy chair using the link. The authors are asked to strictly adhere to the IEEE format with double column.

IMPORTANT DATES

Paper Submission Deadline : 12.03.2022

Notification of Acceptance : 15.03.2022

Last Date for Fees Payment : 21.03.2022

REGISTRATION FEE (Per Head)

Category	Amount
PG/Research Scholars	Rs.400
Academicians	Rs.600
Industry Persons	Rs.750
Accompanying Person	Rs.250

The fee should be paid by DD./cash. If through DD, it should be drawn in favor of "Arunachala College of Engineering for Women" payable at any bank in Trivandrum. The fee includes conference materials, refreshments and lunch / dinner. For each paper to be published in the proceedings, at least one author of the accepted paper has to register for the conference.

Conference Proceedings

All the accepted papers will be published in Conference Proceedings with ISBN No.

PUBLICATIONS:

All the selected & registered papers will be published in the following International journals at free of cost.

i. International Journal of "Power Systems & Power Electronics" [ISSN No. 0973 - 8886]

ii. International Journal of Soft Computing Techniques [ISSN No. 0973 - 8878]

iii. International Journal of "Image Processing & Networking Techniques" [ISSN No. 0973 - 7650]

SCI & Scopus Indexed journals

Extended version of high quality papers will be published in the following SCI/ Scopus indexed journals based on additional, nominal fee payment by the author(s).