



ANNAMALAI UNIVERSITY

(Accredited with 'A+' Grade by NAAC)



IQAC Enabled - RUSA 2.0 Sponsored

National Conference

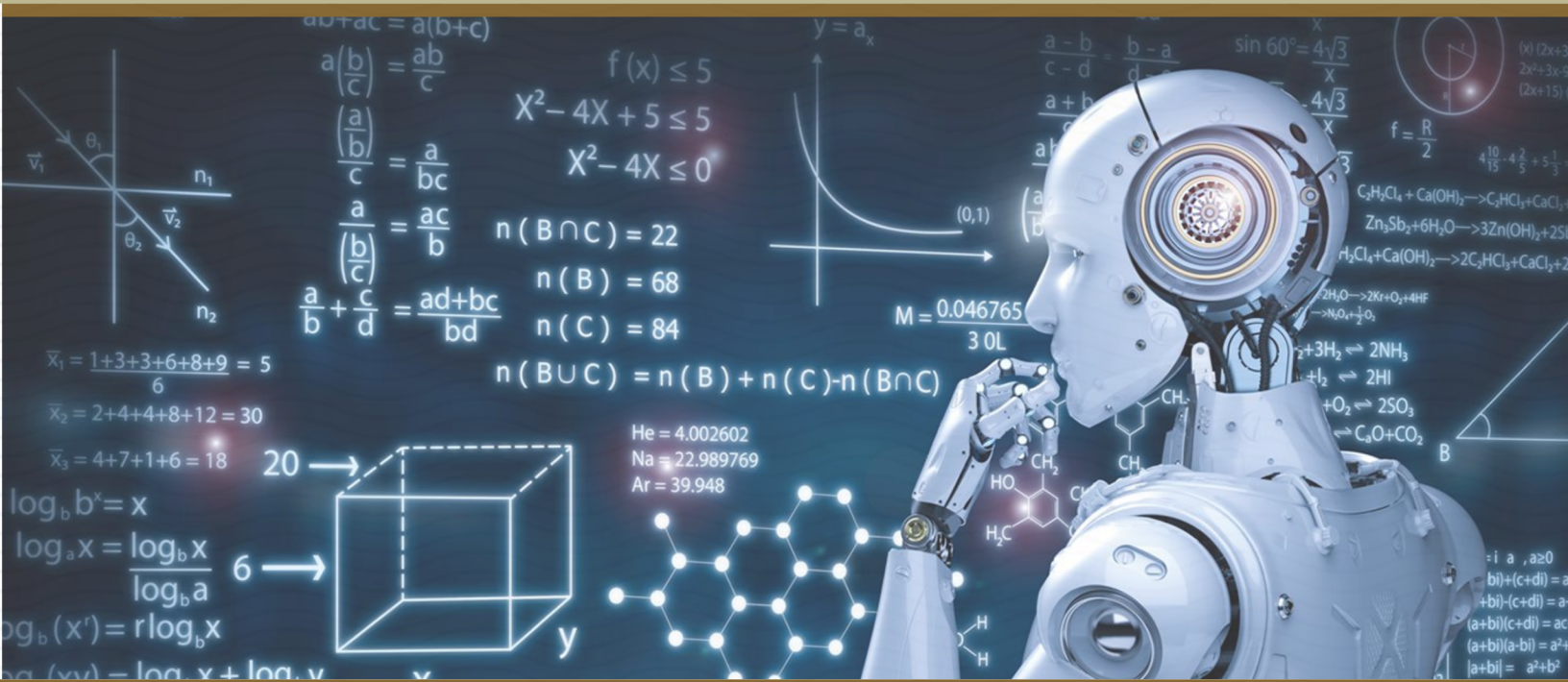
on



THE ROLE OF COMPUTATIONAL INTELLIGENCE IN EMERGING RESEARCH INNOVATIONS

(Hybrid Mode)

10 & 11, March 2023



organised by

Department of Computer and Information Science

Faculty of Science

Annamalai University, Annamalainagar-608002

Tamilnadu, India

About the University



Annamalai University, with a sprawling campus of nearly 1000 acres, is one of the largest residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study located at Chidambaram, the Abode of the Cosmic Dancer, Lord Nataraja. In the early 1920s, to serve the downtrodden and to promote Tamil Literature, Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College in the rural setup at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). Ever since its establishment, Annamalai University has played an incredible role in the lives of the people near and far.

In 2013, the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), was passed and has come into force from September 25, 2013. Annamalai University, a “university” in the true sense of the term, has been sustaining a unified ecosystem of education – by offering diverse programmes under one roof. Being a unitary, multi-faculty institution, Annamalai University has evolved as a time-tested system of administration to ensure the ceaseless transaction of teaching-learning, boundless expansion of research and innovation, and selfless extension of service to the society. Availability of ten diverse disciplines and 49 departments and of study along with sports pavilion, gymnasiums, libraries, yoga/meditation halls, ensures a fertile ground and favourable climate for learners to become all rounded and competent individuals rather than mere “programmed specialists” Annamalai University is accredited with ‘A+’ Grade by NAAC in 2022.

About the Department

The Department of Computer and Information Science was established in the year 2015 and operates under the Faculty of Science. The Department offers postgraduate and doctoral programmes. It currently imparts teaching, training and state-of-the-art computing facilities to the students and scholars enabling them to keep abreast with focus in day-today scientific and technical advances.

The Department inspires the students and scholars to involve themselves in innovative projects, in-plant training, internships, workshops, special lectures and quality research in various interrelated domains. The students are prepared with multi skill sets encompassing all the requirements to make them employable. The final year and pre-final year graduates are trained with special lectures, soft-skill training and group discussion. The students from the Department get into the various IT industries through campus placements. The Department enjoys support from its alumni.



Programmes Offered

The Department has well qualified, experienced and enthusiastic faculty members to impart excellent academic and industry tuned curriculum to the students. The Department offers the following programmes.



Postgraduate Programmes

- MCA
- M.Sc. (Computer Science)
- M.Sc. (Data Science)

Research Programmes

- Ph.D. (Computer Science)
- Ph.D. (Computer Applications)

Integrated Postgraduate Programmes

- M.Sc. (Information Technology)
- M.Sc. (Software Engineering)



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PATRON

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CO-PATRON

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Dean, Faculty of Science, Annamalai University

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Head, Dept. of Computer & Information Science

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Professor and Head
Department of Computer Science
Former Registrar, Periyar University, Salem.



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Director
Human Resource Development Centre
Christ University, Bangalore.



Dr. S. Manoj Kumar

Head - ITSIM, Associate Head - CSE
KPR Institute of Engineering and Technology
Coimbatore.

About the Conference

The field of Computational Intelligence has grown tremendously over the past few years. Scientists have been able to explain and understand real-life processes and practices which previously often remain unexplored by virtue of their underlying imprecision. With the advent of the field of Computational Intelligence, researchers are now able to explore and unearth intelligence in deeper. Computational Intelligence is now not limited to only specific computational fields, it has made inroads in signal processing, smart manufacturing, predictive control, robot navigation, smart cities, and sensor design to name a few.

This conference aims to provide a premier forum for leading scientists, researchers, industry practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered, and the solutions adopted in the field of Computational Intelligence. The conference will provide the opportunity for renewing old acquaintances, making new contacts, and networking across higher education and beyond. The main intention of this conference is to integrate interdisciplinary inquiry to deliver the best applications.

Call for Papers

Topics of interest include, but are not limited to:

- **Machine Learning and Deep Learning**
- **Computer Vision & Pattern Recognition**
- **Green Computing**
- **Applications in Soil and Water**
- **Graph Neural Networks**
- **Supervised and Unsupervised Learning**
- **Statistical, Mathematical and Probabilistic Modelling**
- **Information Retrieval**
- **Data Processing and Visualization**
- **Big Data and Cloud Computing**
- **Industrial Data Applications**
- **Bioinformatics Applications**
- **Healthcare and Medical Applications**
- **Internet of Things and Data Science**
- **Networking and Security**



*Three Best
Presentation
Awards Will be
Given*

Original and unpublished thematic and research-based papers are invited from Academicians, Research Scholars and Students.

Guidelines for Author

All the participants are expected to submit their original, unpublished research work.

All research papers shall also be subjected to scrutiny on anti-plagiarism software.

Best paper award will be provided to the three best research papers.

The research paper should be submitted in the format given below:

- Length of full paper – Not more than 2500 to 3500 words in single column format
- Font: Times New Roman
- Font size – 12 (Line spacing 1.5 and alignment “justify” with 1” inch margin on all sides)
- Every research paper must contain an Abstract
- The paper must highlight specific research problem and adhere to appropriate research methodology

Publications

- Papers shall be subjected to a blind review before accepted for presentation.
- Suggestions by the review committee have to be incorporated by the author.
- All the selected papers will be included for publication in a Conference Proceedings with ISBN.

Important Dates

Last date for full paper submission along with registration fee : 05 March 2023

Notification for selection / comments : 08 March 2023

Dates of Conference : 10 - 11 March 2023

ACCOUNT DETAILS

NAME : THE REGISTRAR

BANK : ANNAMALAI UNIVERSITY

BRANCH : ANNAMALAINAGAR

A/C NO : 621201159623

IFSC : ICIC0006212

Contact Details

Dr.S.P.Balamurugan Cell: 8778122821

Mr.K.Jayaprakash Cell : 9944471926

Organising Secretaries

Email id : dcisrusaconf@gmail.com

REGISTRATION FEE

Industry

Rs.1000/-

Faculty

Rs.750/-

Research Scholar

Rs.500/-

Student

Rs.400/-

Individual registration along with fee is mandatory

Last Date of Registration : 05.03.2023