



**ANNAMALAI UNIVERSITY**



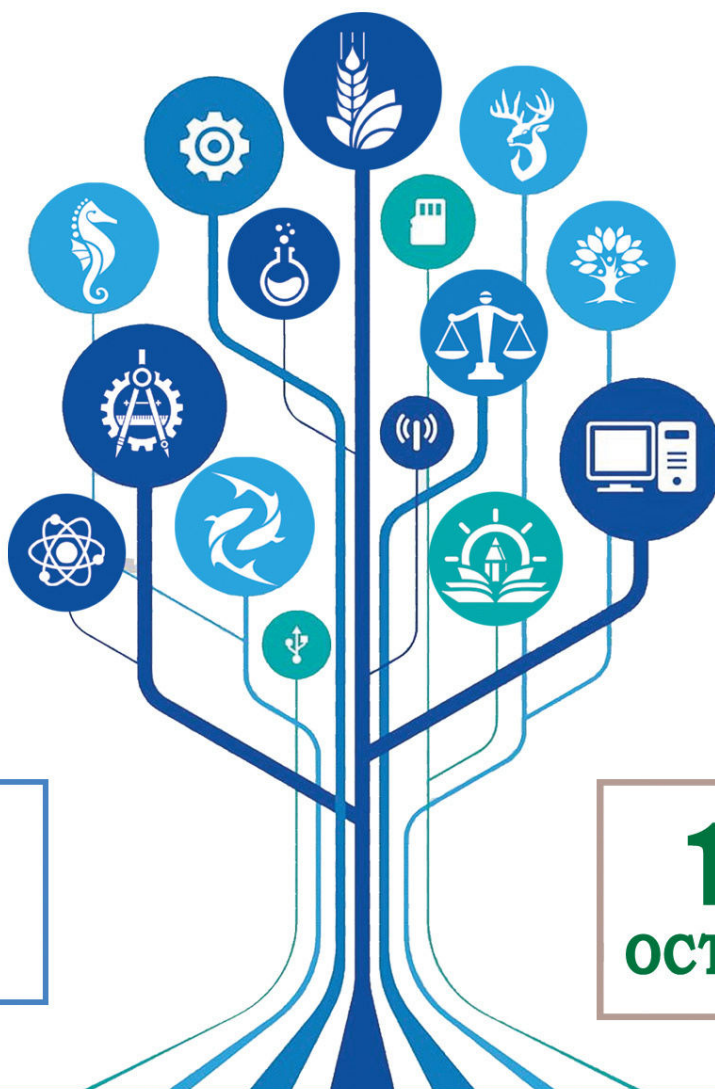
(Accredited with "A+" Grade by NAAC)

**A THREE DAY  
INTERNATIONAL CONFERENCE  
ON**

**INNOVATIVE TECHNOLOGIES  
AND THEIR APPLICATIONS IN HIGHER EDUCATION  
(HYBRID MODE)  
(INTAHE - 22)**



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**17 - 19  
OCTOBER 2022**

**Organized by**

**Internal Quality Assurance Cell (IQAC)**

**Annamalai University**

**Annamalainagar - 608 002. Tamil Nadu, India**

**Email: [iqaconlineprg@gmail.com](mailto:iqaconlineprg@gmail.com)**

## About the University

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institutions for establishing a university. Thus, on 01.01.1929 Annamalai University was established as per the Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University has been accredited with 'A+' Grade by NAAC in 2022. "The NIRF-2020" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the University Category. In the Pharmacy Category the ranking is 12th in India. In the Medical Category the ranking is 35th. Among government universities, Annamalai University is ranked 15th in India by India Today Magazine. "The Times Higher Education World University Ranking - 2021" has ranked Annamalai University in 1000+ for Overall category. In the Subject Category Ranking, 2021, the University is ranked 601+ for Clinical & Health Subjects, in the band of 801-1000 for Engineering, 801+ for Life Sciences and 1000+ in the Physical Sciences Subjects. "The QS World University Ranking - 2021" has ranked Annamalai University in the band of 301-350 in Asia Ranking, and 39 in India Ranking.

The University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous. Annamalai University, a "university" in the true sense of the term, has been sustaining a unified ecosystem of education – by offering sundry programmes under one. Annamalai University, gifted with 'multi-disciplinary facilities and faculties' for incubating and nurturing inventive ideas, is a natural eco-system for innovation.

## About the Conference

This conference aims to bring together leading scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Humanities, Science, Engineering and Technology, Education, Agriculture and Marine Sciences. It also provides a premier interdisciplinary and multidisciplinary forum for researchers, industry practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered, and the solutions adopted in the above fields. The conference will provide an opportunity for renewing old acquaintances, making new contacts, and networking across higher education and beyond. The objective of the conference is to integrate interdisciplinary inquiry to deliver the best applications.



# Steering Committee



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**Prof. R.M. Kathiresan, Ph.D., D.Sc.**

Vice-Chancellor  
Annamalai University

## Patron

**Prof. K. Seetharaman**

Registrar (i/c)  
Annamalai University

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**Prof. S. Arivudainambi**

Head, Department of Entomology  
Director, IQAC

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**Dr. S. Karthik Kumar**, Deputy Director, IQAC

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## Advisory Committee



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Head, R&D Infrastructure  
Department of Science & Technology (DST)  
Technology Bhavan, New Delhi

#### **Dr. Elangovan Kariappan**

Assistant Innovation Director , Innovation Cell  
Ministry of Education, Govt. of India  
AICTE HQ, New Delhi



## CALL FOR PAPERS (Multi-Disciplinary)

The objective of the conference is to provide an opportunity to academicians and researchers to discuss various innovative technologies and their applications in the field of higher education and submit their findings as research articles to step ahead to the next level. We extend a warm invitation to the academicians and researchers to contribute their high-quality research papers, including field studies on the topics given below:

Topics of interest include, but are not limited to:

### Track 1 : Humanities



- Technological Innovations in Social Science Research
- Innovative Business Models & Organizational Change
- Role of Outcome Based Education (OBE) in Humanities
- Cultural and Social Enhancement through Higher Education
- Paradigm Shifts in Language Teaching & Research

### Track 2 : Science



- Artificial Intelligence, Internet of Things and Data Science
- Scientific Approach to Complex Systems
- Developments in Biological and Healthcare Research
- Earth Sciences, Soil & Waste Management
- Science for Future Generations

### Track 3 : Education



- Enhancing the Employability Skills through Innovative Technologies
- Global challenges in Higher Education
- Role of Higher Education in Social Change
- Applications of AI in Future Educational Systems
- Education 4.0 Trends and Future Perspectives

### Track 4 : Engineering & Technology



- Signal, Image and Video Processing, Machine Learning, Soft Computing and Robotics
- VLSI, Nanotechnology and Waste to Energy - Recovery
- Distributed Generation, Fuel Cells and Renewable Energy Systems
- Biomedical Engineering and Healthcare Technologies
- Industry 4.0 concepts in Technology Education

### Track 5 : Agriculture



- Agricultural Technologies for Sustainable Food Production Systems
- Agricultural Research towards Climate Change Mitigation
- Green Technologies and Good Agricultural Practices
- Transformation in Agricultural Education Systems
- Application of Data Science and AI concepts in Agriculture

### Track 6 : Marine Sciences



- Sustainable utilization of Marine Resources
- Marine Environment Conservation and Resilience to Climate change
- Ocean Health Management
- Blue Economy
- Aquaculture

## Guidelines for Authors

- The papers submitted must be original and unpublished.
- All submitted papers shall be subjected to scrutiny and plagiarism check.
- The research paper should be submitted in the format given below:
  - a. Length of full paper – Not more than 2500 to 3500 words in double column format
  - b. Font: Times New Roman
  - c. Font size – 12 (Line spacing 1.5 and alignment “justify” with 1” inch margin on all sides)
  - d. Every research paper must contain an Abstract
  - e. The paper must highlight specific research problem and adhere to appropriate research methodology
  - f. Submit Paper to the email id: [iqaonlineprg@gmail.com](mailto:iqaonlineprg@gmail.com)

**Three best presentation awards in each theme will be given**

## Publications

- Papers shall be subjected to a blind review before accepted for publication.
- Suggestions of the reviewer have to be incorporated by the author.
- All the selected papers will be included for publication in the Conference Proceedings with ISBN.
- Selected papers recommended by the review committee will be published in a Journal at a nominal publication fee.

## Important Dates

Full paper submission	10 October 2022
Notification for selection / comments	12 October 2022
Final paper submission	15 October 2022
Dates of the Conference	17 - 19 October 2022

## Registration Fees

(Individual registration along with fee is mandatory)

Academicians and Professionals	INR 1500
Academicians and Professionals from outside of India	USD 30
Research Scholars	INR 1000
Participants (Without submitting a research article)	INR 500

## Payment Details

Payment should be made only to the following account

Name of Account	The Registrar, Annamalai University
Account Number	621201159623
IFSC Code	ICIC0006212
Name of Bank	ICICI
Bank Address	Annamalainagar Branch, Annamalainagar

## Contact Details

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Conference Director,  
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Annamalai University, Annamalainagar

### Mr. K. Jayaprakash

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