

International Conference

on

Consortium of Universal Research Erudition

(iCURE)

(Hybrid Mode)

Organized by

Madurai Kamaraj University

(University with Potential for Excellence)

Accredited by NAAC with 'A++' Grade in the 4th cycle

Madurai-625021

3-6th February 2023

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Dr. Arockiasamy Arulandu, Group Leader, Membrane Protein Biology, ICGEB, New Delhi.

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Dr. Dharmalingam, Director, Aravind Medical Research Foundation, Madurai.

Dr. Geethalakshmi Vellingiri, Vice-Chancellor, Tamil Nadu Agricultural University, Coimbatore.

Dr. Gopalrajan Sugumar, Vice-Chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam.

Dr. Gowri, Vice Chancellor, University of Madras, Chennai.

Dr. Gulsan Wadhawa, Director, Ministry of Science and Technology

Dr. Jitendra Sharma, Managing Director & CEO, Andhra Pradesh MedTech Zone, AMTZ Campus, Visakhapatnam.

Dr. Kalaiselvi, Director General, CSIR and Secretary, DSIR, New Delhi.

Dr. Kaliraj, Former Vice-Chancellor, Bharathiar University, Coimbatore.

Dr. Muthuramalingam, Chairperson, Velammal Hospital and Medical College, Madurai.

Padmashri. Dr. P. Namperumalsamy, Chairman-Emeritus, Aravind Eye Care System Director- Research, Madurai.

Dr. Rama Shankar Verma, Director, MNIT, Allahabad.

Dr. Ramanathan Kathiresan, Vice-Chancellor, Annamalai University, Chidambaram

Dr. Ramesh, Director, National Center for Sustainable Coastal Management, Chennai.

Dr. Shashi Bala Singh, Director, NIPER, Hyderabad.

Dr. Shiv Kumar, Director, ER&IPR, DRDO HQ., New Delhi.

Dr. Sivalingam Sivanandan, UIC, USA.

Dr. Srinivasan, Member Secretary, TNSCST, Chennai.

Dr. Sudha Seshayyan, Vice-Chancellor, The Tamilnadu Dr. M.G.R. Medical University, Chennai.

Dr. Velraj, Vice-Chancellor, Anna University, Chennai.

Dr. Veluthambi, Former Professor, School of Biotechnology, Madurai Kamaraj University.

Dr. Venkatraman, Director, IGCAR, Kalpakkam, Tamil Nādu.

Madurai Kamaraj University Organizing Committee

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Dr. Suresh P., School of Chemistry

Dr. Varalakshmi P., School of Biotechnology

Dr. Vasantha V.S., School of Chemistry

Dr. Vasu V., School of Physics

Speaker List

- Dr. Abhijit Manna**, Research Scientist, Washington University, Missouri, USA
- Dr. Arockiasamy Arulandu**, Group Leader, Membrane Protein Biology, ICGEB, New Delhi.
- Dr. Arumugam Manthiram**, University of Texas at Austin, USA.
- Dr. Balasubramanian Kandasubramanian**, Ministry of Defence, Girinagar, Pune, India
- Dr. David Reich**, Harvard University, The Howard Hughes Medical Institute
- Dr. Dharmalingam**, Director, Aravid Medical Research Foundation, Madurai.
- Dr. Dipankar Nandi**, Department of Biochemistry, Indian Institute of Science, Bangalore.
- Dr. Geethalakshmi Vellingiri**, Vice-Chancellor, Tamil Nadu Agricultural University, Coimbatore.
- Dr. Goplasamy Athithan**, DRDO Chair, CAIR, Bengaluru.
- Dr. Gopalrajan Sugumar**, Vice-Chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam.
- Dr. Jitendra Sharma**, Managing Director & CEO, Andhra Pradesh MedTech Zone, AMTZ Campus, Visakhapatnam.
- Dr. Kaliraj**, Former Vice-Chancellor, Bharathiar University, Coimbatore.
- Dr. Kanaga Sabapathy**, National Cancer Centre, DUKE-NUS, Singapore
- Dr. Kar Muthumani**, Chief Scientific Officer, GeneOne Life Science, Fort Washington, USA.
- Dr. Kit Wayne Chew**, Chemical Engineering and Biotechnology, Nanyang Technological University, Singapore.
- Dr. Koustav Ganguly**, Karolinska Institutet, Institutete of Environmental Medicine (IMM), Sweden.
- Dr. Kulandaivel Jeganathan**, Department of Physics, Bharathidasan University, Trichy
- Dr. Kumaravel Somasundaram**, Microbiology and Cell Biology Laboratory, IISc, Bangalore
- Dr. Mahapatra Arun Kumar**, Department of Kaumarabhritya, All India Institute of Ayurveda, New Delhi
- Dr. Mamas I. Prodromidis**, Department of Chemistry, University of Ioannina, Greece
- Dr. Markkandan Ganesan**, Department of Life Sciences, Presidency University, Kolkata, West Bengal
- Dr. Nallaiyan Rajendran**, Department of Chemistry, Anna University, Chennai
- Dr. Norbert Pardi**, School of Medicine, University of Pennsylvania, USA
- Dr. Ramanathan Kathiresan**, Vice-Chancellor, Annamalai University, Chidambaram
- Dr. Ratna K Vadlamudi**, Joe R. & Teresa Lozano Long School of Medicine, TX, USA
- Dr. Sanakaranarayanan**, Structural Biology Laboratory, CCMB, Hyderabad
- Dr. Scott D. Cramer**, Prof. of Pharma, University of Colorado, USA.
- Dr. Senthilarasu Sundaram**, Edinburgh Napier University, United Kingdom
- Dr. Shama Parveen Mirza**, Milwaukee Institute for Drug Discovery (MIDD), USA
- Dr. Shigeki Miyamoto**, Developmental Therapeutics Program Leader, UW Carbone Cancer Center, Wisconsin Institutes for Medical Research, Madison, USA.
- Dr. Shiv Kumar**, Director, ER&IPR, DRDO HQ., New Delhi.
- Dr. Sivalingam Sivanandan**, University of Illinois Chicago, USA
- Dr. Srinivasan Sampath**, Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore
- Dr. S Sendhil Velan**, Singapore Institute for Clinical Sciences, A*STAR, Singapore
- Dr. Ulrich Pfeffer**, Tumor Epigenetics Unit, Ospedale Policlinico San Martino, Italia.
- Dr. Velraj**, Vice-Chancellor, Anna University, Chennai.
- Dr. Vinod Scaria**, Institute of Genomics and Integrative Biology, New Delhi
- Dr. Wu Yuan Seng**, Sunway University, Malaysia.



ABOUT THE CONFERENCE (iCURE)

Madurai Kamaraj University is one of the 15 Universities in India with a 'University with Potential for Excellence' (awarded by the University Grants Commission). It is awarded an A++ grade in the 4th cycle from National Assessment and Accreditation Council (NAAC) in 2021. The science schools of MKU have been contributing to a relentless journey of high research outputs and have been working towards interdisciplinary research activities among themselves. The University's foremost aim is to see that its research update should be tuned with the current thrust areas which have social relevance and contribute to national development. Hence iCURE (International Consortium of Universal Research Erudition) has been initiated. An enhanced understanding of biological phenomena incorporated with interdisciplinary approaches has resulted in major breakthrough products for the betterment of society. To promote and encourage interdisciplinary collaborations and research in life sciences and allied sciences this conference will be offering a golden opportunity to bring together researchers from different streams, with an aim to focus and understand unanswered questions in biology and interdisciplinary sciences.

The key intention of iCURE is to provide an opportunity for the global participants to share their ideas and experience in person with their peers expected to join from different parts of the world. In addition, this gathering will help the delegates to establish research or business relations as well as find international links for future collaborations in their career path. We hope that such a consortium of Universal will lead to significant contributions to the knowledge base in these up-to-date scientific fields in scope. The series of plenary speeches, oral and poster presentations, workshops, discussions, and networking events will keep participants engaged in learning and making new connections at iCURE. Since the Universities are known to trigger the research talent for employment and also lead in cutting-edge research, such conferences would also help for entrepreneurial ventures. This conference will be bringing a lot of eminent scientists and researchers as speakers and this will be the platform for sharing their knowledge with the young minds who are pursuing research.

Scientific programs: Date & venue

**The conference is scheduled during 3-6th February, 2023 at
Madurai Kamaraj University, Madurai, Tamil Nadu, India.**

Themes of the Conference

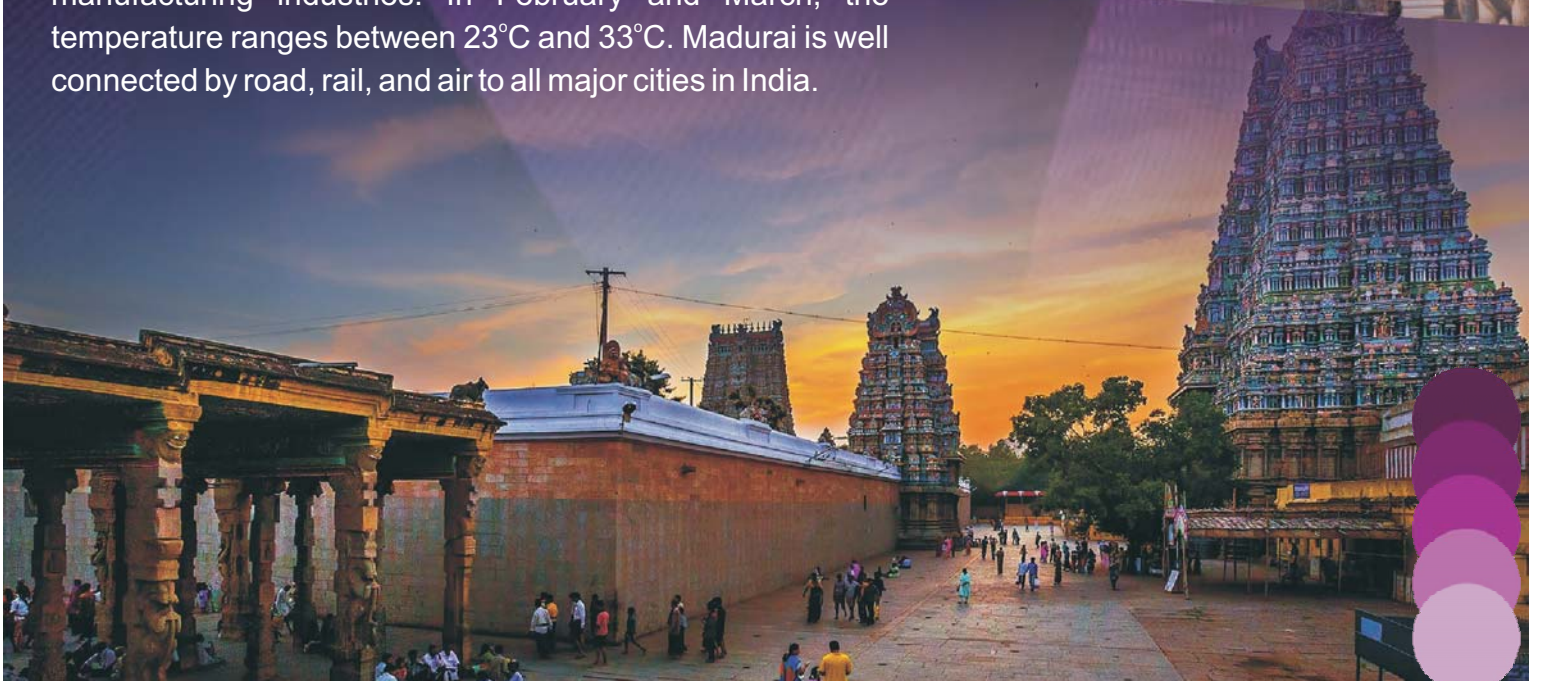
- **Microbial Technology**
- **Molecular Medicine**
- **Genetics and Genomics**
- **Single Cell MultiOmics**
- **System Biology**
- **Ocular Diseases**
- **Cardiac Diseases**
- **Cancer Biology**
- **RNA Biology**
- **Stem Cell Biology**
- **Immunogenetics & therapeutics**
- **Pharmacology**
- **Computational Biology**
- **Plant-Microbe Interactions**
- **Marine Biology**
- **Agri-Food Products**
- **Ayurvedic Biology**
- **Neutraceuticals**
- **Environmental Toxicology**
- **Synthetic Chemistry**
- **Nanomedicine**
- **Energy Storage and Conversion**
- **Sensors & Actuators**
- **Artificial Intelligence**

MADURAI KAMARAJ UNIVERSITY

Madurai University was established as a State University in the year 1965 and renamed MADURAI KAMARAJ UNIVERSITY in the year 1979, which is now shortly known as MKU, MKU was reaccredited with the “A++” with the CGPA score of 3.54 by the NAAC in the 4th cycle of accreditation in March 2021, Now the University is in the status of Category-I amongst the Universities of India, The University has secured 52 rank among Indian Universities in NIRF ranking-2022 by the Ministry of Human Resource Development and India's best government Multi-disciplinary University. MKU has 20 Schools comprising 77 Departments, 21 academic centers, 66 affiliated Colleges, and 15 Institutions. Madurai Kamaraj University offers 41 PG, 35 M.Phil., and 17 Diploma/ P.G Diploma/ Certificate courses in various Departments. University Grants Commission (UGC), has recognized MKU as a “University with a potential for Excellence”.

MADURAI

Madurai is the second largest city in Tamil Nadu. Madurai has a glorious past and a busy present with great temples that flaunt the architectural brilliance of the artisans. The 2500 plus years old city, which has a rich heritage, is located on the banks of the Vaigai river. It is famously called “The city that never sleeps”. The city has a number of historical monuments, including the Meenakshi Amman Temple, Tirupparankunram Murugan temple, Alagar Kovil, and Tirumalai Nayak Palace. Madurai is also important for medical tourism, an educational and industrial hub, and home to various automobile, rubber, chemical, and granite manufacturing industries. In February and March, the temperature ranges between 23°C and 33°C. Madurai is well connected by road, rail, and air to all major cities in India.



Registration

All the participants must register by paying the registration fee. The registered delegates would be entitled to admission to the opening session, all scientific sessions, and social programs and will be provided with conference materials including name badge, abstract book and four day lunch. The Registration fee is as follows:

Full delegates	Rs. 5000
Accompany person	Rs. 4000
Research Scholar	Rs. 2000
UG/PG Student	Rs. 1000
Industrialists/ Corporate sponsored	Rs. 10000

All payments should be made by Demand Draft drawn in favour of THE CO-ORDINATOR ICURE MKU, payable at Madurai. Overseas participants can send banker or personal cheques.

Poster Presentation Competition

Research Scholars and students can participate in poster presentation competition and the best posters and oral presentation will be rewarded. The Poster size should be of 48 x 36 inches.

Abstract Submission

iCURE@mkuniversity.ac.in

Abstract format : MS-word. Times New Roman; font size 12; double spacing; Abstract should not exceed 250 words. The soft copy of the abstract in doc file can be sent to e-mail:
Last date for abstract submission on or before 25.01.2023

The selected papers will be peer-reviewed and published in UGC-CARE listed/SCOPUS indexed journals.

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Accommodation

Accommodation can be reserved for the participants in hotels of various categories. We strongly advise the participants to book the accommodation online or by paying in advance. No accommodation can be guaranteed unless an advance is paid on or before 15.01.2023.

The following three categories of accommodation are made available, which can be arranged prior to the request. The participants should mention the required category and enclose a Demand Draft for at least one day, which is non-refundable.

Organizer

The event will be organized by the Madurai Kamaraj University, Madurai in collaboration with National and International institutions.

CONTACT DETAILS

Sankar Natesan, Ph.D

iCURE Co-ordinator

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For more information visit :

<https://mkuniversity.ac.in/new/iCURE>