



ALAGAPPA UNIVERSITY

[A State University accredited with A++ Grade by NAAC [CGPA 3.59] in the 4th Cycle under Dual Mode, Graded as Category-I University by UGC]
Karaikudi – 630 003, Tamil Nadu, India



9th International Conference on Recent Trends in Applied Science and Technology (ICRTAST-2026)

23 & 24 July 2026

Organized by
Department of Physics, Alagappa University, Karaikudi
In Association with
Indian Science and Technology Association (ISTA), Chennai

ABOUT THE UNIVERSITY

Alagappa University has emerged from a galaxy of institutions initially founded during late 1940s and 1950's by Padma Bhushan Dr. RM. Alagappa Chettiar (06.04.1909 - 05.04.1957). It is a State Government University established by an Act of the Tamil Nadu State Legislature in 1985 as unitary type; later became Affiliating type in 2002. The University is recognized by the University Grants Commission (UGC) and is accredited with an A++ Grade by NAAC (CGPA: 3.59) in the Fourth Cycle under the Dual Mode Category. The University has been graded as Category-I University by MHRD-UGC and occupies 2nd place out of the 12 State Universities in the Country. It is the only State University in Tamil Nadu obtained the Category-I Status. The University is situated at Karaikudi, in the District of Sivagangai, in the State of Tamil Nadu. Alagappa University's campus sprawls across 435.98 Acres of lush green land, (428.15 acres in Main Campus and and 7.83 acres in Thondi Campus) creating a highly secure, eco-conscious and student-friendly learning ambience. The University was brought into existence with the objective of fostering research, development and dissemination of knowledge in various branches of learning. The University has 44 Departments, 3 Academic Centres and 2 Constituent Colleges (AUCE, AUCPE) on its campus. 45 Colleges located in the districts of Sivagangai and Ramanathapuram are Affiliated to the University. The University is offering UG and PG programmes in the four Faculties (Arts, Science, Education, Management). The University's motto is "Excellence in Action" and the University keeps before it the vision of excellence in all spheres of its action.

ABOUT THE DEPARTMENT

The Department of Physics was started in the year 1985. In a short span of time, the Department became a center of excellence in research. Since its inception, the Department has strong commitment towards teaching programs at the postgraduate level (M.Sc.) and research programs at the M.Phil. and Ph.D. levels. Thrust area research programs are being pursued intensively in the Department of Physics, which includes crystal growth of nonlinear, ferroelectric, and semiconducting materials; unidirectional growth of organic and inorganic crystals; organic conducting polymers for rechargeable batteries; electrodes for lithium, sodium, and sulfur batteries; supercapacitors; biodiesel synthesis; electrodes for fuel cells; oxide and semiconductor thin films for smart materials and solar cells; layered compound semiconductors for photoelectrochemical solar cells; and MEMS. The Department is very proud to record that it has been honored recently with a Vice-Chancellorship for one of the faculty, Prof. G. Ravi, and Dr. M. Ravichandran, Secretary, Ministry of Earth Sciences (MoES), Government of India, is our alumnus. The Department has been permitted to undertake research projects by national agencies such as UGC-SAP (DRS Level I, II, and III), DST-FIST (Level I and II), and RUSA. So far, the department and faculty members have generated Rs.1637 lakh through various funding agencies, which includes Rs.163 lakh from characterization consultancy. The total Scopus citation of the department is 38696 with h-index of 84, and the Web of Science citation is 30216 with h-index of 72.

About ISTA

The Indian Science and Technology Association (ISTA) is a well-established and registered professional body dedicated to promote collaboration among experts from diverse research fields. The primary objective of ISTA is to create a unified platform for interdisciplinary interaction, with a special focus on advancing scientific knowledge and contributing to the development of rural students. This array of scholars belongs to diverse research fields ranging from theoretical physics, applied physics, general chemistry, applied chemistry, biotechnology, crystallography, mechanical engineering, data sciences, metallurgy, mineralogy material sciences, etc. It is actively involved in organizing conferences/seminars on various topics at various places to improve research exposure for College and University students, especially those from rural backgrounds. In addition to various other activities, the ISTA also has been actively working for the development of science in Tamil language and to kindle interest among rural students who were studied in Tamil medium towards scientific research. We work effectively to simulate the research interest, to improve understanding and to nourish research attitude among rural students who studied or studying in Tamil medium and to lay the firm foundation for their future research endeavours.

About the Conference

The first International Conference on this theme was organized at Anna University in 2017. The Successive conferences were held at various Universities of Tamil Nadu. The 9th international conference is proposed to be organized at Alagappa University during 23-24 July 2026. The theme emphasizes the significance of materials development, various characteristics, and optimism regarding the potential applications of Applied Science and Technology including Nanotechnology. This would be a great platform for PG students and scholars to interact with reputed scientists and academicians of Tamil origins across the globe. It also opens up vistas by disseminating recent research for industrial applications. Further, it will pave an elegant way for them to innovate modern products, which will ease the processing and help society.

Focused Areas

Crystal growth	Ceramic materials
Semiconductor materials	Modelling and Simulation
Energy materials	Nanotechnology
Material science	Quantum materials
Functional materials	Engineering materials
Thin films	Polymers

Abstract Submission

Interested participants may send their abstract in **TAMIL (Unicode Font)** to icrtast2026@alagappauniversity.ac.in on or before **July 10, 2026**. For assistance contact the organizers. The conference proceedings will be published with ISBN.

Registration fee

PG Students / Research Scholars	- Rs. 300/-
Faculty/Staff	- Rs. 500/-
Industrial Participants	- Rs. 1500/-
Foreign participants	- USD 100

Registration Link

<https://forms.gle/VGr187aL6pFeK1GXA>



Account Details

A/C NAME : THE CONVENER, ICRTAST 2026
 Account No. : 8324290579
 Bank : Indian Bank
 Branch : AC Campus, Karaikudi
 IFSC Code : IDIB000A008

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 Prof. K. Kalyanasundaram, EPFL, Switzerland
 Dr. Raman Sankar, Academia Sinica, Taiwan
 Prof. Ajayan Vinu, University of New Castle, Australia
 Prof. John V. Kennedy, MacDiarmid Institute, New Zealand
 Prof. P. Ramasamy, SSN Institutions, Chennai
 Dr. N. Vijayan, National Physical Laboratory, New Delhi
 Prof. S. Ravi, IIT Guwahati, Guwahati
 Prof. K. Tamilmannan, IGNOU, New Delhi
 Prof. K. Thangaraju, NIT Warangal
 Prof. R. Ramesh Babu, Bharathidasan University, Tiruchirappalli

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Address for Communication

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**Spot registration will not be allowed*