

## Invited Speakers:

- ▶ **Dr. RAMALINGAM PERIASAMY**  
Professor of Physics  
American University of Iraq  
Sulaimanyah, Iraq
- ▶ **Dr. MAHESH MURUGESAN**  
Research Associate  
Institute of Materials Research  
Washington State University  
USA
- ▶ **Dr. N. VIJAYAN**  
Principal Scientist & Head  
CSIR - National Physical  
Laboratory,  
New Delhi
- ▶ **Dr. K. SETHURAMAN**  
Associate Professor & Head  
Department of Material Science  
Central University of Tamil Nadu  
Thiruvallur
- ▶ **Dr. S. MANIVANNAN**  
Associate Professor  
Department of Physics  
National Institute of Technology  
Tiruchirappalli
- ▶ **Dr. R. INDRAJITH**  
Associate Professor  
Department of Physics  
B.S. Abdur Rahman University  
Vandalur, Chennai
- ▶ **Dr. A.T. RAVICHANDRAN**  
Associate Professor  
Department of Physics  
National College (Autonomous)  
Tiruchirappalli,
- ▶ **Dr. V. BALACHANDRAN**  
Assistant Professor  
Department of Physics,  
A.A.Govt. Arts College  
Musiri.
- ▶ **Dr. RENUKA SEENIVASAN**  
Associate Professor  
Natural Science  
Abu Dhabi College of Technology  
Dubai, UAE
- ▶ **Dr. R. RAMESH**  
Assistant Professor,  
Department of Physics,  
St Eugene University,  
Chibombo, Lusaka, Zambia.
- ▶ **Dr. P. THANGADURAI**  
Associate Professor  
Centre for Nano Science &  
Technology,  
Pondichery University,  
Pondichery
- ▶ **Dr. R. RAMESH BABU**  
Associate Professor  
School of Physics  
Bharathidasan University  
Tiruchirappalli
- ▶ **Dr. M. RAJALAKSHMI**  
Assistant Professor  
Department of Theoretical Physics  
University of Madras,  
Chennai.
- ▶ **Dr. D. SAJAN**  
Associate Professor  
Department of Physics  
Bishop Moore College  
Mavelikara, Alappuzha, Kerala
- ▶ **Dr. R. CHANDRAMOHAN**  
Research Advisor  
Vidhya Giri College of Arts & Science,  
Karaikudi
- ▶ **Dr. P. GAYATHRI**  
Assistant Professor  
Department of Physics  
Periyar Maniammai Institute  
of Science and Technology,  
Thanjavur

## Chief Patron

### Shri. A. SRINIVASAN

Esteemed Chancellor,  
Dhanalakshmi Srinivasan University, Samayapuram,  
Founder & Chairman,  
Dhanalakshmi Srinivasan Group of Institutions,  
Perambalur | Trichy | Chennai

## Patron

### Dr. N. VETRIVELAN

Principal  
Srinivasan College of Arts & Science  
Perambalur

## Advisors

**Prof. G. RAVI**, Vice Principal

**Dr. R. KUMARESAN**, Dean Research  
Srinivasan College of Arts & Science  
Perambalur

## Convener

### Dr. S. MANIMARAN

Head & Assistant Professor  
PG Department of Physics  
Srinivasan College of Arts & Science  
Perambalur

## Organizing Committee Members

- ♦ **Mr. M. SenthilKumar**, Assistant Professor
- ♦ **Mr. R. Selvam**, Assistant Professor
- ♦ **Dr. S. Sathiskumar**, Assistant Professor
- ♦ **Dr. R. Karthick**, Assistant Professor
- ♦ **Mr. G. Rajasekar**, Assistant Professor  
PG Department of Physics  
Srinivasan College Of Arts & Science  
Perambalur – 621 212

## ADDRESS FOR COMMUNICATION

### Dr. S. MANIMARAN

Convener, ICAMA – 2022, PG Department of Physics  
Srinivasan College of Arts and Science, Perambalur – 621 212.  
Mobile : 95785 61400 | Mail Id : icama2022physics@gmail.com



# SRINIVASAN COLLEGE OF ARTS & SCIENCE

(Affiliated to Bharathidasan University, Tiruchirappalli)  
(Recognized by UGC Under the section 2(f) & 12(B) of UGC Act, 1956)  
(www.scas.ac.in)

PERAMBALUR - 621 212, TAMILNADU, INDIA.

## PG DEPARTMENT OF PHYSICS

*In association with*



## INDIAN PHYSICS ASSOCIATION

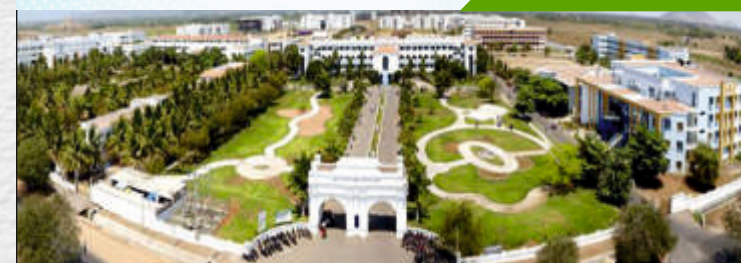
Organizing Three days

## International Conference



## ADVANCED MATERIALS AND ITS APPLICATIONS (ICAMA - 2022)

March 23 - 25, 2022



*Sponsored by*



**COUNCIL FOR SCIENTIFIC AND  
INDUSTRIAL RESEARCH**  
Pusa Complex, New Delhi

## ABOUT THE COLLEGE

Srinivasan College of Arts & Science was established by Shri. A. SRINIVASAN, Esteemed Chancellor of Dhanalakshmi Srinivasan University, Samayapuram. Founder & Chairman, Dhanalakshmi Srinivasan Group of Institutions, Perambalur. The college was started on 29th November 2004 as per the G.O No.: MS. 477 and got affiliation to Bharathidasan University, Tiruchirappalli. Srinivasan College of Arts & Science started with 6 U.G. courses has now blossomed into an institution with 17 Under Graduate programmes, 8 Post Graduate programmes and 4 research departments. The college aims to provide higher education for rural backward students in the field of Science, Arts and Management Studies. Our college has been recognized under the section 2(f) and 12(B) of UGC Act, 1956.

## DEPARTMENT AT A GLANCE

The Department of Physics of Srinivasan College of Arts and Science provides a conducive ambience where students learn about the nature of Physical Universe and they participate in cutting-edge research opportunities. The Department offers highly personalized Physics Degree Programmes to prepare them for careers like Scientists, Educators and Industrialists. We provide them platforms to exhibit their talents in Class and Research Activities We support and enhance their problem solving skills, Team Work and Research Areas. We have qualified and skilled Faculty members who show active participation in Academic, Research and Extension Activities. The Department has well equipped laboratories to experiment and expertise in relevant areas. Department Faculty members are doing Research in thrust areas of condensed Matter Physics, Nano Materials, Crystal Growth, thin films and Solar Cell. The Department train their students and assist them for Placements in association with HRDC.

## ABOUT THE CONFERENCE

The three days international conference on "Advanced Materials and Its Applications" (ICAMA – 2022) is highly beneficial for the researchers working in this areas as people with diversified backgrounds are expected to attend the conference and making the event truly interdisciplinary in nature. It is a distinctive event and platform for worldwide scientists, Researchers, Professors, Research scholars and industrialists from the research areas of Materials Science to share their knowledge and research experiences with interactive panel discussions and plenary sessions by invited lectures, oral presentations and poster presentations. The scientific sessions comprises various research areas of advanced materials for device fabrication, Polymer science, Materials science, Nano technology, Carbon materials, Energy materials, Conductive materials, Electrical, Optical and Magnetic materials, Superconductor for their suitable applications. The ultimate goal of this conference is to emphasize a recent scenario for the young researchers to explore the advanced materials applications and to ignite for their future research.

### GUIDELINES FOR ABSTRACT & FULL PAPER SUBMISSION

The organizing committee invites papers in the above mentioned thrust areas from faculty, research scholars, students and industrialists. Can be submitted as soft copy only

**E.mail id** : icama2022physics@gmail.com

**Paper Format** : Single Column | **Font** : Times New Roman

**Font Size** : 12 point | **Spacing** : 1.15

- The Publication confirmation and article processing fee will be intimated later.
- Selected full length papers will be published after per review process in



**Indexed in Web of science and Scopus**

### IMPORTANT DATES

<b>Last Date for Abstract Submission</b>	:	<b>19.03.2022</b>
<b>Acceptance of Abstract</b>	:	<b>20.03.2022</b>
<b>Registration up to</b>	:	<b>22.03.2022</b>
<b>Accommodation Request</b>	:	<b>22.03.2022</b>

### REGISTRATION DETAILS

<b>UG &amp; PG students</b>	:	<b>Rs. 500/-</b>
<b>Research Scholars</b>	:	<b>Rs. 750/-</b>
<b>Faculty Members &amp; Industry professionals</b>	:	<b>Rs. 1000/-</b>

## PAYMENT DETAILS

Payment to be made through online or through demand draft in favour of "DHANALAKSHMI SRINIVASAN CHARITABLE AND EDUCATIONAL TRUST" payable at Perambalur

<b>BANK NAME</b>	:	<b>AXIS BANK</b>
<b>A/C NO</b>	:	<b>704010100000028</b>
<b>IFSC CODE</b>	:	<b>UTIB0000704</b>
<b>BRANCH NAME</b>	:	<b>PERAMBALUR</b>



ICAMA - 2022 Awards will be given for the  
**BEST ORAL & POSTER PRESENTATION**

## FOCUSED AREAS

- NANO MATERIALS
- NONLINEAR DYNAMICS
- OPTICAL AND NONLINEAR OPTICAL MATERIALS
- CRYSTAL GROWTH AND CHARACTERIZATIONS
- MATERIALS AND CHARACTERIZATION
- STRUCTURE OF ORGANIC AND INORGANIC MATERIALS
- ELECTRIC AND DIELECTRIC MATERIALS
- ELECTRONICS AND OPTOELECTRONICS MATERIALS
- CONDENSED MATTER PHYSICS
- THIN FILM TECHNOLOGY
- BIOMATERIALS FOR ENERGY APPLICATIONS
- LASER MATERIALS

### For Further Details:

**Dr.S.SATHISKUMAR,**  
Assistant Professor, PG Department of Physics  
Srinivasan College of Arts and Science, Perambalur – 621 212.  
**Mobile: 7708502466 | 9787055086**



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### International Conference

*ON*

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## PG DEPARTMENT OF PHYSICS

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Perambalur - 612212, Tamilnadu, India