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Registrar

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Department of Physics

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HOD, Mathematics

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Director, Research & Development Cell

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HOD, Physics

Dr Vinola Z Rodrigues
HOD, Chemistry

Dr Aruna Kalkur T
HOD, Statistics

Dr Jayaprakash Gowda
HOD, Electronics

REGISTRATION



REGISTRATION
&
PAYMENT GATEWAY

REGISTRATION FEES

STUDENTS	: ₹200
RESEARCH SCHOLARS	: ₹300
FACULTY	: ₹500
INTERNATIONAL PARTICIPANT	: ₹1000

LAST DATE FOR REGISTRATION & ABSTRACT SUBMISSION
September 05, 2026

Abstract Submission:
sustainablesmartmaterials@gmail.com

For more information: Scan the above QR Code
Mobile No: 9008513457, 9880824615



ST ALOYSIUS
(DEEMED TO BE UNIVERSITY)
MANGALURU 575003 - INDIA
Category-1 University by UGC



SCHOOL OF PHYSICAL SCIENCES Organizes ONE DAY NATIONAL CONFERENCE

on

SUSTAINABLE SMART MATERIALS, DISCRETE AND COMPUTATIONAL SCIENCES

September 17, 2026 | 9.00 AM to 4.00 PM

Venue : Eric Mathias Hall





ABOUT THE UNIVERSITY

St Aloysius (Deemed to be University), Mangaluru, is part of the global network of educational institutions administered by the Jesuits, renowned for their unmatched excellence in education across 105 countries. Established in 1880, the University has a rich 146-year history and legacy of providing education to students from diverse backgrounds, irrespective of caste, religion, language, or creed. Its motto, "Lucet et Ardet" (Shine to Enkindle), has inspired countless students to become men and women for and with others, bringing light and joy into the lives of people. St Aloysius (Deemed to be University) emphasises not only academic excellence but also the holistic development of students, nurturing them into individuals of faith, wisdom, and service to humanity.

The University has seen tremendous growth since it became an autonomous college in 2007. In the fourth cycle of NAAC accreditation in 2023, it was awarded an "A++" Grade with a CGPA of 3.67. The National Institutional Ranking Framework (NIRF) 2024, awarded by the Ministry of Education, India, ranked St Aloysius among the top 58 colleges in India. This year, St Aloysius (Deemed to be University) achieved two major milestones. First, it earned prestigious Category-I status under the UGC Graded Autonomy Regulations and became the second Deemed-to-be University in the state. Second, it secured a Gold Rating and ranked 23rd nationally (4th in Karnataka) in the National Green University Rankings. The University offers 9 undergraduate, 23 postgraduate, and 19 research programmes to more than 7,500 students at various levels, with a definite focus on contemporary skills that empower them and prepare them for careers and competencies.

ABOUT THE SCHOOL

The School of Physical Sciences at St. Aloysius (Deemed to be University), Mangaluru, stands as a distinguished centre of scientific learning. It unites the postgraduate departments of Physics, Chemistry, Mathematics in a vibrant interdisciplinary ecosystem dedicated to advancing knowledge through rigorous academic programmes, advanced laboratory training, and research-driven inquiry.

Collectively, these departments promote outcome-based education, structured research projects, seminars, workshops, industrial visits, and skill-enhancement initiatives. Faculty members actively engage in research and mentoring, while students benefit from modern infrastructure and opportunities for publication and placement. Through this integrated approach, the School of Physical Sciences continues to nurture scientifically competent graduates and researchers committed to academic excellence and societal contribution.

ABOUT THE CONFERENCE

The conference, titled "Sustainable Smart Materials, Discrete and Computational Sciences," aims to bring together experts, researchers, students, and enthusiasts from the science streams to explore and discuss advancements, challenges, and opportunities, for the sustainable development of scientific temper. Participants will also present posters, sharing their innovative research and discoveries, making it an engaging platform for learning, collaboration, and knowledge exchange.

PROGRAMME

9:00 am - 9:30 am : **Registration**

9:30 am - 10:15 am : **Inauguration**

Chief Guest : **Dr Sudhakar Y N**

Associate Professor
Manipal Institute of Technology

10:15 am - 11:15 am : **Keynote Address**



Dr Sudhakar Y N

Associate Professor
Manipal Institute of Technology

Topic: Intellect Behind the Power:
How AI and Smart Materials are
Revolutionizing Clean Energy Storage

11:15 am - 11:30 am : **Tea Break**

11:30 am - 12:30 pm : **Session - I**



Dr Ajith K M

Profesor, Department of Physics
NITK, Surathkal

Topic: 2D Material Modelling:
An Introduction

12:30 pm - 2:00 pm : **Poster Presentations**

1:00 pm - 1:30 pm : **Lunch Break**

2:00 pm - 3:00 pm : **Parallel Sessions**



Dr Ramesh Thamankar

Professor
Centre for Functional Materials
VIT Vellore

Topic: New Materials Design for
Brain-inspired Computation or
Neuromorphic Computation
Venue: Eric Mathias Hall



Rev. Dr Joseph Varghese

Department of Mathematics
Kuriakose Elias College
Mannanam, Kottayam

Topic: Recent Studies in Fuzzy Optimization
Venue: Joseph Willy Hall

3:15 pm - 4:00 pm : **Valedictory**