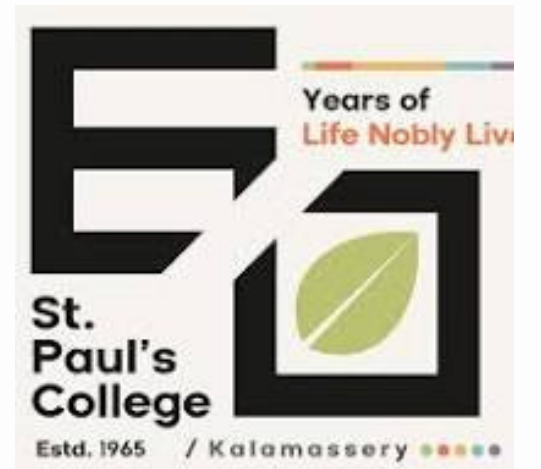




St. Paul's College, Kalamassery

Archdiocese of Verapoly
Affiliated to Mahatma Gandhi University, Kottayam
Reaccredited with NAAC 'A' Grade
ISO 9001:2015 Certified by TUV Rheinland



National Seminar on

Multidisciplinary Research

&

Innovations in Applied Physics

3-4 JANUARY 2025

**Organized by
Department of Physics
St. Paul's College
Kalamassery**

In association with

**College Development Council
Mahatma Gandhi University,
Kottayam**



About the College

St. Paul's College, affiliated to Mahatma Gandhi University and Regulated by UGC is a prestigious arts and science college which functions under the Archdiocese of Verapoly. The college exists to impart excellence in higher education to all, especially the educationally, socially and financially marginalised communities, and to develop an integrated personality in students. The college envisions to create a new enlightened generation which is socially committed, academically proficient, digitally updated and spiritually refined, so as to enable them to face the challenging needs of the changing times. The Department of Physics came into existence in 1965. Starting with just a B.Sc. Physics programme, the Department has steadily progressed and presently is recognised as a research centre of Mahatma Gandhi University.

About the Seminar

Applied physics serves as a bridge between pure scientific theories and real-world technological advancements. With its interdisciplinary nature, it connects physics with other fields like engineering, biology, chemistry, and computer science, driving innovations that address complex societal challenges. The seminar on 'Multidisciplinary Research and Innovations in Applied Physics' aims to explore the latest research trends and innovations in applied physics, emphasizing its multidisciplinary potential to revolutionize industries, healthcare, energy, and environmental sustainability. The seminar would not only provide valuable insights into the current landscape of Applied Physics but also foster collaboration and discussion among researchers, students, and industry professionals.

Day 1

9.30 AM



Dr. Aldrin Antony

Keynote Speaker

Associate Professor & Head
Department of Physics, Cochin University of
Science & Technology
Kochi, Kerala

10.30 AM



Dr. Navaneeth P

Understanding Universe Using Neutrinos

Assistant Professor
Department of Physics
IIT Kanpur, Uttar Pradesh.

11.15 AM



Dr. T. N Narayanan

Engineering Ultra thin Interfaces for Energy Applications

Associate Professor
Tata Institute of Fundamental Research,
Hyderabad, Telangana.

12.15 AM



Dr. Anila E I

Nano Phosphors for Bio Imaging Applications

Professor, Department of Physics
Christ University, Bangalore, Karnataka

2.00 PM

Research Presentations

Day 2

9.30 AM



Dr. Satish B

Materials for Under Water Naval Applications

Scientist F
Defence Research & Development
Organization (DRDO) Kochi, Kerala

10.30 AM



Dr. Bibin John

Electrochemical Energy Systems for Space Applications

Scientist
Vikram Sarabhai Space Centre (VSSC)
Thiruvananthapuram, Kerala.

11.30 AM



Dr. Santhosh Kumar M C

Nanostructures and Thin Films for Solar Energy Harnessing

Professor, Department of Physics
National Institute of Technology,
Tiruchirappalli, Tamilnadu

12.30 PM

Research Presentations

Organising Committee

Rev. Fr. Varghese Valiyaparambil
Prof. (Dr.) Pramada Ramachandran
Rev. Fr. Raphael Kalluveetil
Rev. Fr. Jacob Biju Ben
Dr. Poornima N
Dr. Rajeshmon V G
Dr. Priyesh K V
Ms. Jixy Joseph
Ms. Linu Mary Joseph

Manager
Principal
Asst. Manager
Coordinator, Self-Financing
Head of the Department

Dr. Subha P P
Dr. Mary Vijila C V

Coordinator
Coordinator

Student Members

Sreeraj M R, Arjun O B, Smeehan S
Shameem, Elsa Teena P V, Rashid N M,
Praseedha Jose, Ann Maria E J, Loyis
Antony, Don P Manoj, Sukanyaka K S,
Fairooza Farooq, Deeraj Sherin

Registration Fee

- UG/PG Students: Rs. 200/-
- Research Scholars: Rs. 500/-
- Faculty: Rs. 1000/-
- Industry participants: Rs. 2000/-

Important Dates

Deadline for registration: **December 25**

Registration Link

<https://www.stpauls.ac.in/phy-national-conf-2025/>

Registration Fee can be paid directly at the venue

More information:



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