

Multidisciplinary International Conference, University of Jaffna, Sri Lanka – Platinum Jubilee Initiative

Department of Physics (Shift-I), Sacred Heart College (Autonomous), Tirupattur

As part of the **Platinum Jubilee Celebrations** of Sacred Heart College, the Department of Physics actively contributed to the organization of an International Conference on Environmental Health and Resilience (ICEHR-2026) conducted from **09–12 February 2026, jointly organized by Scott Christian College, Nagercoil, the University of Jaffna, Sri Lanka, Sacred Heart College, Tirupattur and Manonmaniam Sundaranar University, Tirunelveli**. The conference sessions were hosted at prominent venues in Sri Lanka, including the University of Jaffna, The Palmyrah Research Institute, and the Elephant Orphanage, Pinnawala. The thematic focus centered on *Environmental Health and Resilience*, sustainability, ecological preservation, and interdisciplinary scientific research.

The conference comprised inaugural and valedictory sessions, keynote addresses by internationally reputed academicians and scientists, panel discussions, and scientific paper presentations across diverse disciplines including Physical & Chemical Sciences, Biological Sciences, Engineering, Health Sciences, Social Sciences, and Humanities. Faculty members of the Department of Physics actively presented their research articles during the scientific sessions in Physical and Chemical Sciences, contributing scholarly findings and engaging in academic discussions with national and international researchers. The programme provided a significant academic platform for research dissemination, scholarly dialogue, and global academic engagement, aligning with the vision of Sacred Heart College during its Platinum Jubilee year.

Role and Responsibilities of Faculty – Department of Physics

Prof. D. Daniel Lawrence, Head of the Department of Physics, served as the **Organizing Chair representing Sacred Heart College** and delivered the Welcome Address during the Valedictory Session. He provided academic leadership, ensured quality research coordination, and presented his research work during the paper presentation session, thereby strengthening institutional representation at the international level.

Dr. A. Dhayal Raj, Conference Steering Committee Member, played a crucial role in programme planning, session coordination, and felicitation proceedings. He also presented his research article in the relevant scientific session, contributing to the interdisciplinary academic exchange.

Rev. Dr. S. Bharathi Bernadsha, Faculty of Physics and Conference Program Convener, delivered the Felicitation Address during the conference proceedings and presented his scholarly research paper, reflecting the Department's active research engagement and academic contribution.

Academic Significance and Outcomes

- Enhanced international academic engagement during the Platinum Jubilee year.
- Promoted interdisciplinary research on environmental sustainability and resilience.
- Provided a global platform for scholarly presentation and knowledge exchange.
- Strengthened institutional visibility and academic networking through faculty research contributions.

The Department of Physics takes immense pride in its active participation, research contributions, and organizational role in this International Conference, marking a significant academic milestone in the Platinum Jubilee celebrations of Sacred Heart College. The event reaffirmed the institution's commitment to research excellence, sustainability, and global academic standards.

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