St. Xavier's Catholic College of Engineering (Autonomous), Chunkankadai, Nagercoil – 629003

Department of Electronics and Communication Engineering

FOURTH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN SUSTAINABLE TECHNOLOGY AND SCIENCES (ICRASTS–2026)

26th & 27th MARCH, 2026

CONFERENCE REPORT

Respected Correspondent Rev. Fr. S. Godwin Selva Justus, Principal Dr. J. Maheswaran, Vice Principal Dr. V. Christus Jeya Singh, Dean Research Dr. M. Marsaline Beno, Organizing Chair Dr. S. Caroline, Convenors, Organizing Secretary, dear colleagues, delegates and my dear students, a warm good morning to all present here.

I am extremely delighted to present the report of the Fourth International Conference on Recent Advances in Sustainable Technology and Sciences (ICRASTS–2026) organized by the Department of Electronics and Communication Engineering. The Conference was a significant event, bringing together papers from different parts of the country. The conference received 71 papers from various institutions such as Bharathidasn University, Trichy, Amrita Vishwa Vidyapeetham University, Noorul Islam Centre for Higher Education, REVA University,Bangalore, RVR and JC College of Engineering, Andhra Pradesh, Ponjesly College of Engineering, Udaya School of Engineering and several other institutions, and among them 60 papers were accepted and presented over two days and published in the conference proceedings.

The conference aimed to foster collaboration and discussion on advancements in sustainable technology and sciences with a focus on developing innovative solutions for real-world challenges. The conference focused on emerging technologies such as Artificial Intelligence, Internet of Things (IoT), Machine Learning, Smart Systems, Sustainable Electronics, Energy Systems, Cybersecurity, and Environmental Technologies.

The Conference started with an inaugural function on 26/03/2026. The dignitaries present were our Correspondent, Principal, Vice Principal, Dean Research, Organizing Chair, Convenors and Organizing Secretary. The inaugural session was graced by the Chief Guest, Dr. Ahmed Salim Al-Rawahi, Professor, University of Technology and Applied Sciences - Ibri, Oman and the Guest of Honour, Dr. A.R. Jac Fredo, Associate Professor, School of Bio-medical Engineering IIT (BHU). The conference programme included keynote lectures and invited talks by eminent experts from academia and industry, who shared their valuable insights on recent trends and future developments in sustainable technologies.

On the second day of the Conference 27/03/2026, Keynote address by Dr. Narendra Gopal, Head Research Publications, Content Development and Quality Assurance, ICT Academy, technical paper presentations were conducted in different sessions where participants presented their research work and interacted with experts in their respective domains.

Technical sessions in different areas such as Sustainable Electronics and Communication Systems, Artificial Intelligence and Data Science, IoT and Smart Systems, Energy and Power Systems, Cybersecurity and Digital Technologies, and Environmental Science and Sustainable Development were organized.

Participants actively presented their research papers and engaged in technical discussions during these sessions. The sessions provided a platform for effective knowledge sharing and encouraged interaction among researchers, academicians and students.

I hope that the Conference proceedings will serve as a comprehensive compilation of the present knowledge and experience and will be used by engineers, academicians and industrialists who are concerned with these subjects.

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The success of the Conference depends ultimately on many people who worked with us in planning and organizing this program. I thank our beloved Correspondent, Principal, Vice Principal and Dean Research for their guidance and encouragement in all stages of the conference.

The Conference would not have been a success without the assistance of the Organizing team members and volunteers who planned and executed the event meticulously. Very special thanks to the Publication committee, Technical committee, Programme management committee and Venue arrangement committee for their continuous support.

I personally thank all the student volunteers for their constant support for the success of the conference ICRASTS–2026. Thanks to one and all for their committed work towards the success of this two-day International Conference.



Correspondent 27/03/2026

Principal 27/3/26

Vice Principal 27/3/26

Dean Research 27/3/26

Organizing Chair 27/3/26
S. CAROLINE

Convenor 27/3/2026
FEMILA.L

Organizing Secretary 27/03/26
L. MACEAL TONY

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