INDO-FRENCH SEMINAR · SUPPORTED BY CEFIPRA

OCEAN 2026

Oceanic Collaboration for Energy Storage And Nanoscience

Advancing Underwater Technologies for Sustainable Energy Solutions

7 – 9 DECEMBER 2026

St Aloysius (Deemed to be University), Mangaluru
Manipal Institute of Technology (MAHE), Manipal

A **CEFIPRA Seminar (Academia–Academia Collaboration)** · Indo-French Centre for the Promotion of Advanced Research, supported by DST, Government of India and the Ministry for Europe & Foreign Affairs, Government of France

FROM FRANCE International Speakers

Prof. Christel Laberty-Robert
Sorbonne University, Paris

Prof. Sylvain Franger
Université Paris-Saclay

Dr Virginie Viallet
Université de Picardie Jules Verne, Amiens

Dr Magali Gauthier
CEA Paris-Saclay

Prof. Véronique Balland
Université Paris Cité

Dr Patrick Schembri
Université de Versailles Saint-Quentin-en-Yvelines

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Dr Rachael Natasha Mary
Dean, School of Physical Sciences

Dr Vinola Rodrigues
Head, Department of Chemistry

Dr Ronald Nazareth
Indian Coordinator · St Aloysius (Deemed to be University), Mangaluru

Dr Sudhakar Y. N.
Indian Coordinator · Manipal Institute of Technology, MAHE

Prof. Sylvain Franger
French Coordinator · Université Paris-Saclay

THREE DAYS Venues & Programme

Day 01
Monday, 7 December 2026
St Aloysius (Deemed to be University), Mangaluru

INAUGURATION · PLENARY LECTURE I

Opens with the inaugural ceremony and a plenary on ocean wave energy harvesting. Talks cover redox flow batteries and supercapacitors, sol–gel solid electrolytes, sodium-ion cathodes, ageing of Li-ion batteries and solid-state microbatteries, carbon nanomaterials for sensing, and layered-oxide cathodes.

Day 02
Tuesday, 8 December 2026
Manipal Institute of Technology (MAHE), Manipal

HANDS-ON PRACTICAL SESSION

Talks on microfluidic energy harvesters and sensors, and polymer–ceramic electrolytes for solid-state lithium batteries, followed by a hands-on session on advanced characterisation and electrochemical techniques. The afternoon covers sulfide solid electrolytes, magnesium-ion and metal–air batteries, and biodegradable polymer electrolytes.

Day 03
Wednesday, 9 December 2026
St Aloysius (Deemed to be University), Mangaluru

PLENARY LECTURE II · VALEDICTORY

A plenary on Li-ion, Na-ion and all-solid-state battery materials, from lab to cell prototype. Talks follow on spectroelectrochemistry, the economics of the energy transition, India's Clean Energy Mission, wave energy and nearshore dynamics, and thermal energy storage, closing with the valedictory function.

REGISTRATION FEE

Rs 2,000	Rs 4,000	Rs 5,000
Students & Research Scholars	Teachers	Industry Sponsors

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