



The Indo-Korea Joint Workshop



on

Wave and Ocean Thermal Energy Conversion

organized by

Indian Institute of Technology Madras and
Korea Research Institute of Ships and Ocean Engineering

Venue: Seminar Hall, IIT Madras, Chennai, India

Date: February 21-23, 2018

Introduction:

Indian Institute of Technology Madras (IITM) and Korea Research Institute of Ships and Ocean Engineering (KRISO) are jointly organizing a workshop to bring together the scientists to work together for the technology development, demonstration and research exchanges. The workshop will be held at IITM on February 22-23, 2018. The Korean team as well as the India team will present their works and participate in discussions.

The organizing institutes and the department/division:

IITM and the Department of Ocean Engineering

Set in the verdant wooded surroundings, the campus of IITM offers an ideal environment for the most stimulating research activities. The Institute campus extends over an area of 2.5 square kilometers in Chennai, the political and cultural capital of Tamil Nadu. IITM is having experts and labs in almost all areas of engineering, distributed in the 15 departments.

The Department of Ocean Engineering started in 1980s and is working on different aspects of Ocean Engineering, Naval Architecture and Petroleum Engineering. The first ocean energy system of India was developed by this department, and the National Institute of Ocean Technology commissioned and tested.

KRISO and the Marine Energy Division

As a leader in technology development in ship and ocean engineering, KRISO is striving to resolve national problems to develop, apply, commercialize and research original technologies. In particular, KRISO leads the national marine energy research projects such as wave energy converter (WEC) and ocean thermal energy conversion (OTEC) for Korea's marine energy development. KRISO has been successful in development and demonstration of WECs and OTECs, and has long experience and deep capability.

Purpose of the workshop:

- To bring the like-minded researchers to discuss and present their works.
- Finding options for collaboration
- Finding options for research exchanges among organizations

Research Interests:

- Wave energy: The progress of India and Korea
- OTEC: The progress of India and Korea

Tentative Plan:**February 21, 2018 (Wednesday)**

Registration, lab visits and meetings

February 22, 2018 (Thursday)

9:00am - 9:30am: Inauguration, introduction and purpose

9:30am - 9:45am: Tea break

9:45am - 11:15am: Introduction of Korean team and their works

11.15am - 12:45pm: Introduction of Indian team and their research works

12:45pm - 2:00pm: Lunch

2.00pm - 5.00pm: Lab visits at IIT Madras

7:00pm - 9:00pm: Dinner

February 23, 2018 (Friday)

9:30am - 12:30am: NIOT campus visit

12:45pm - 2:00pm: Lunch

2:00pm - 5:00pm: Individual discussions and valedictory function

Registration fee:

USD 150 for international participants

INR 5000 for Indian participants

Contact persons:

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