

**OCEAN SOCIETY OF INDIA**

(Reg. No. ER 360/06) Kochi

C/o Centre for Marine Living Resources and Ecology (CMLRE),

ATAL BHAVAN

LNG Road, Puthuvypin South,

Ochanthuruthu PO,

Kochi-682508

URL: <http://www.oceansociety.in/>

Email: osi.secretary@gmail.com

OCEAN SOCIETY OF INDIA**ANNOUNCEMENT****OSI Biennial PhD Theses Awards in Ocean Science & Technology**

The Ocean Society of India (OSI) invites applications for Biennial PhD Theses Awards instituted under different themes in Ocean Science and Technology. The Awards are constituted to recognize excellent research done by young PhD holders in the country as part of PhD programmes in different themes of ocean sciences and technology. The Award will consist of a citation, certificate, and prize amount of Rs.10,000/ that will be given during the OSICON 25 scheduled at the National Institute of Oceanography, Goa.

Themes and Topics of the Award**1. Prof. Vallam Sundar Award in Ocean Engineering****Proposed topics:**

- Ocean structures
- Coastal engineering
- Ocean hydrodynamics
- Ocean Renewable Energy
- Ports and harbours
- Marine Environmental Engineering
- Underwater Technology
- Any other topic related to the above

2. Dr. N. P. Kurian Award in Physical Oceanography**Proposed topics:**

- General Circulation
- Surface and Subsurface Currents
- Water Mass Formation
- Ocean Dispersion
- Ocean Waves
- Tides



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- Sea Level Variations
- Climate Variability
- Regional Oceanography
- Coastal Oceanography
- Any other topic related to the above

3. Prof. A D Rao Award in Oceans and Atmosphere


Proposed topics:

- Monsoon studies
- Climate change
- Air pollution
- Tropical cyclones
- Renewable wind energy
- Storm surges and associated coastal flooding
- Internal waves and associated acoustic propagation
- Any other topic related to the above

4. Dr. Rabindranath Sengupta Award in Chemical Oceanography

Proposed topics:

- Biogeochemistry
- Impact of climate change stressors on the biogeochemistry and ecology
- Nutrients and trace metal dynamics
- Elemental Cycles
- Marine pollution and environmental impact
- Exchanges across marine boundaries
- Extraction of chemicals and bioactive (drugs) substances from the Sea
- Any other topic related to the above

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5. Dr. H. N. Siddiquie Award in Geological Oceanography


Proposed topics:

- Coastal and offshore Geology
- Marine Mineral and energy resources
- Marine Sediments and geochemistry
- Marine Micropaleontology and Paleoceanography
- Seafloor volcanism and petrology
- Seafloor morphology and tectonics
- Marine Gravity and magnetics
- Marine Self Potential and EM studies
- Marine Seismics, seismicity, OBS, and OBM investigations
- Offshore studies with DAS (digital acoustic sensing), DTS (digital temperature sensing), marine heat flow and offshore well logging
- Any other topic related to the above

6. Dr. (Mrs.) N. I. Joseph & Prof. K.V. Jayachandran Award in Biological Oceanography

Proposed topics:

- Primary and secondary productivity and nutrient regeneration
- Community ecology of benthic and pelagic organisms
- Biological research in deep sea organisms
- Food web structure and trophic ecology
- Population dynamics, habitat changes and disruptions
- Fishery biology and management
- Estuarine biology
- Systematics, molecular genetics, genome research and biogeography
- Population genetics and evolution
- Climate change impacts including warming, ocean acidification and deoxygenation on biological organisms
- Any other topic related to the above

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7. Dr. Shanta Achuthankutty & Dr. P.A. Lokabharathi Award in Marine Microbiology and Biotechnology

Proposed topics:


- Polyphasic taxonomy and diversity
- Ecology and biogeochemistry
- Host microbe and metal microbe interaction
- Anaerobic microbial functions
- Deep sea microbial assemblage and functions
- Microbial proliferation and control
- Pollution and antimicrobial resistance
- Products and processes developed
- Emerging fields - Vaccines, probiotics and microbiome engineering
- Application of microbes in aquaculture, industry and related fields
- Any other topic related to the above

Eligibility

Any candidate who has been awarded a PhD for their research work in Universities / Institutes in India is eligible to apply. The age limit fixed for the award is 40 years as on the date of PhD award. **PhDs awarded during the calendar years 2022 and 2023 only will be considered for the current award.** The application must be submitted in the following proforma:

APPLICATION FOR OSI BIENNIAL PhD THESIS AWARD


1	Full Name of the PhD holder	
2	Date of birth of the PhD holder	
3	E-mail ID and mobile no. of the PhD holder	
4	Currently, employed or not? If yes, give designation and affiliation.	
5	Current address	
6	Title of the PhD Thesis	
7	Name of University / Institute & Date of award of PhD	

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8	Name, designation and affiliation of Research Guide	
9	E-mail ID and Mobile no. of the Research Guide	
10	Name, designation and affiliation of Co-guide, if any	
11	Name of the University Department/Institution where the research was carried out	
12	Name of the Head of the University Department/Institution	
13	E-mail ID and mobile no. of the Head of University Department/Institution	
14	Any other information on the Thesis (like any other awards received for it, patents filed, etc)	
15	Theme and Topic of award applied for (Enter the theme and topic given in Sl. No. 1 to 7 listed above)	
16	Signature of the PhD holder	

- Enclosures: (1) Soft copy of the PhD thesis as a PDF file
(2) Attested copy of PhD degree certificate
(3) Proof in support of age and date of award of PhD
(4) Copies of research papers published from the thesis only
(5) Documents in support of awards received, patents filed, etc.

The application only in the above format along with a soft copy of PhD thesis and required documents may be submitted **as a PDF file on or before 31st August 2024** to Dr. M. Baba (Email: dr.mbaba@gmail.com), Chairperson and Dr. C. Revichandran (Email: revichandran@gmail.com), Convener of the Experts Committee.

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Evaluation of the Application

Once the applications are received along with the PhD thesis and other relevant documents, they will be evaluated by the Expert Committee. The shortlisted PhD holders will be invited for an oral presentation before the Expert Committee.

The Committee will consider the originality/novelty of the work, methodological rigour, quality of thesis presentation, and quality of published papers from the thesis (based on impact factor and citations) among other things provided in a prescribed evaluation criterion. **The decision of the OSI GC based on the recommendation of the Expert Committee will be final.**