

Dr. Anu Gopinath

Professor - Department of Aquatic Environment Management



Dr. Anu Gopinath is a distinguished oceanographer and professor specializing in aquatic environment management. She has participated in multiple Arctic expeditions and contributed significantly to the understanding of polar and marine ecosystems.

Key Achievements

- Participated in three Arctic expeditions in 2014, 2016, and 2017 (led the 2017 batch).
- Developing a UGC-approved polar science course for Arctic studies.
- Featured in national articles for her contributions to oceanography and Arctic research.

Research and Collaborations

- Collaborated with ISRO's Space Application Centre to develop algorithms for monitoring carbon and nitrogen productivity in the Bay of Bengal and the Arabian Sea using in-situ and satellite data



- Conducted pioneering studies on oceanic biogeochemistry, focusing on coral bleaching in the Lakshadweep archipelago.
- Published critical findings on the degradation of coral reefs in Lakshadweep, emphasizing its ecological impact.

Death knell for corals PREMIUM

A two-month expedition by a team of marine scientists from Kerala University of Fisheries and Ocean Studies found startling evidence pointing to extensive bleaching of coral reefs off the Lakshadweep group of islands. Death of this vital organism will be catastrophic for the marine ecosystem as it will eventually threaten the very existence of the archipelago, reports K.S. Sudhi

Updated - August 02, 2024 05:35 pm IST



K S SUDHI



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Notable Media Features

- "Indian researchers exploring the Arctic" - The Hindu
- "Kerala academic to create polar science course for UGC" - Kochi Bureau
- "Death knell for corals" - K. S. Sudhi
- "Oceans 3: Marvels and mysteries of the deep" - The Hindu

Indian researchers exploring the Arctic

June 19, 2019 05:09 pm | Updated October 18, 2019 12:44 pm IST

K. S. SUDHI

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Indian researchers from various institutions in front of Umanak, the Indian station in the Arctic. Photo: Special Arrangement

From monitoring the precipitation in the Arctic region to drawing up a baseline data on microbial biodiversity in Bering/Arctic sediments and carrying out a biochemical evaluation and biomarker characterisation of Arctic food sediments, Indian researchers are into a series of scientific investigations in the icy terrains of Arctic.

Kufos made UArctic member

Published: June 19, 2019 05:09 pm IST | 45217

THE KOCHI BUREAU

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Kerala academic to create polar science course for UGC

Updated: November 08, 2022 at 09:42 PM

Anu Gopinath of Kerala University of Fisheries and Ocean Studies to develop online course on Arctic studies

BY BL KOCHI BUREAU

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KUFOS professor selected by UGC to develop course on Arctic studies

PTI

PUBLISHED NOVEMBER 09, 2022 11:53 AM IST | 2 MINUTE READ

OCEANS 3

June 08, 2019 12:00 am | Updated 03:34 am IST

Oceanographer Anu Gopinath: In love with the marvels and mysteries of the oceans mystery, a means of livelihood and a marvel, the oceans mean something to everybody

PREVIOUS STORY

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The deep blue ocean (Gopinath), and below her the UGC special arrangement, PTI/Masthead

When Anu Gopinath enrolled for a Master's course in Hydrochemistry — a new subject at Coast — in 1996, she did not think that the oceans would become a part of her life henceforth. Years later, the Assistant Professor of Chemical Oceanography at Kerala University of Fisheries and Ocean Studies (KUFOS) has experienced the mysteries and marvels of the coral reefs of Lakshadweep, the sub-zero temperatures of the Arctic sea and the waters off the coast of Kochi.