

FACULTY PROFILE



Dr. Athul Krishna K R (M.Tech, Ph.D.)

Assistant Professor & Head of Dept. (i/c)

Ph.D. (NIT Karnataka)

Ocean Engineering

Contact details



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Dr. Athul Krishna K. R. is an esteemed academician and mentor. He is currently in charge of Head of the Department of Ocean Engineering. At present, he is leading a prestigious project funded by KARP. His research contributions have been published in several renowned, peer-reviewed international journals. Dr. Athul's areas of expertise include wave hydrodynamics, coastal processes, wave-structure interaction, and coastal engineering. His commitment to advancing knowledge and supporting his students highlights his dedication to both research and education.

Dr. Athul Krishna K. R. serves as the Program Coordinator for the National Service Scheme (NSS) at KUFOS, contributing to the university's community outreach and student engagement initiatives.

Dr. Athul Krishna K. R. has been selected as a mentor and advisor for the top ten candidates representing India at the prestigious Yu.A. Gagarin Research & Test Cosmonaut Training Center in Moscow, Russia, for the International Space Camp 2024. This recognition highlights his leadership and expertise on an international platform.

Teaching:

- ❖ Wave hydrodynamics
- ❖ Coastal Engineering
- ❖ Port & Harbour Structures

Research Areas:

- Coastal Processes
- Wave-Structure Interaction
- Ice-Sea Interaction
- AUV's

Key Management Roles:

- Head of the Department (i/c) of Ocean Engineering
- Program Officer, National Service Scheme (NSS)
- Course Coordinator, B.Tech Food Technology

Publications:

- <https://asmedigitalcollection.asme.org/offshoremechanics/article-abstract/145/1/011201/1146386>
- <https://journals.sagepub.com/doi/abs/10.1177/14750902221112712>
- <https://link.springer.com/article/10.1007/s40868-022-00122-1>
- <https://link.springer.com/article/10.1007/s11804-024-00407-4>
- <https://pubs.aip.org/aip/acp/article-abstract/2584/1/050006/2888948>
- <https://link.springer.com/article/10.1007/s40868-022-00122-1>
- https://link.springer.com/chapter/10.1007/978-981-15-0291-0_98

Awards & Achievements:

- Selected as a mentor and advisor for the top ten candidates representing India at the prestigious Yu.A. Gagarin Research & Test Cosmonaut Training Center in Moscow, Russia, for the International Space Camp 2024.
- Received best poster award from IIT Bombay in the national conference NFICE 2018 conducted by the Department of Civil Engineering, IIT Bombay.

Ongoing Projects:

- Siltation and Tranquility study of Chellanam Harbour Breakwater, KUFOS Aided Research Plan (KARP)