

Department of Ocean Engineering

Name of the Faculty: Dr. Athul Krishna K R

Designation: Assistant Professor & HOD i/c

Research Guidance

Sr.	Degree	Title of the thesis	Year of submission	Major / Co-	Name of Institution
1.	M.Tech CHE	Siltation study of Chellanam Harbour Using MIKE 21/3 Coupled FM	2024	Major	KUFOS
2.	MTech CHE	Wave Transformation due to porous structure and two surface piercing barriers	2024	Major	KUFOS
3.	MTech CHE	Siltation study of Chellanam Harbour Using MIKE 21 LITPACK	2024	Major	KUFOS
4	MTech CHE	Wave Transformation due to porous structure and two Bottom standing barriers	2024	Major	KUFOS
5	MTech CHE	Wave Transformation due to porous structure and two Fully-Extended Barrier.	2024	Major	KUFOS
6	MTech CHE	Assessing the Performance of Various Mouth Opening Schemes at Puthuponnani Estuary, Kerala: A MIKE21 Model Approach	2024	Co-Guide	KUFOS/ NIOT
7	MTech CHE	Performance of Various River Mouth Opening Schemes at Puthu Ponnani Using Delft3D FM Suite 2021	2024	Co-Guide	KUFOS/ NIOT

8	MTech CHE	Coastal Morphology Response to Submerged Geosynthetic Dykes: Stage Wise Investigation at Poonthura Beach, Using MIKE 21	2024	Co-Guide	KUFOS/NIOT
9	MTech CHE	Analysis of Anthropogenic Impacts on Shoreline Dynamics Along the Poovar-Enayum Coastal Stretch	2024	Co-Guide	KUFOS/NCESS
10	MTech CHE	Impacts on Coastal Stability at Chavara Coast Due to Beach Wash Mining	2024	Co-Guide	KUFOS/NCESS

Achievements:

Sr No:	Achievements	Year	Name of institution
1	Selection as mentor and advisor of the top 10 candidates to represent India with a Humanitarian Visa at the prestigious GCTC Moscow, Russia for the International Space Camp 2024	2024	Yu. A Gagarin Research & Test Cosmonaut Training Center (GCTC), Moscow, Russia

Ongoing Funded Projects

SL N	Title of Projects	Funding Agency	Budget (Rs. Lakhs)	Duration
1.	Siltation and Tranquility Studies for Chellanam Harbour Breakwater	KARP	2	1 Year

Conference attended

SI No	Conference	Title of the paper	Conducted by	Duration
-------	------------	--------------------	--------------	----------

1	Eighth National Conference of Ocean Society of India – “OSICON 2023”	A comparative study on wave dissipation by the submerged composite porous breakwater and submerged composite pile-rock porous breakwater	Ocean Society of India/INCOIS, India	23 rd -25 th August 2023
----------	--	--	--------------------------------------	--