



NirDhwani Technology  
Pvt. Ltd

# ONLINE INTERNSHIP

IN UNDERWATER DOMAIN AWARENESS (UDA)

## OUR PROPOSAL

Maritime Research Centre (MRC) announces a 6 week, 6 month and 1 Year online internship program **for under graduate and post graduate students undergoing multi-disciplinary programmes.** The interns will be exposed to career oriented project based learning with specific focus on real world problem solving. It will be driven by the UDA framework in the tropical littoral waters. PhD students could also join to identify their research problem.

The deliverables are in terms of the four broad modules as given below :-

- **Knowledge** The topics will include, Underwater Domain Awareness, Underwater Acoustics, Signal Processing, Shallow Water Acoustics, Statistical Signal Processing, Data Science and many more based on the participants requirement.
- **Skill** : Matlab, Python, Research Methodology, Communication Skills, Technical Writing and Algorithm Design.
- **Thinking Ability** : Project Formulation & Execution, Data Analytics, Maritime Strategy and Geopolitics, Business Development and Policy Formulation.
- **Expertise Enhancement** : The knowledge & skill development along with thought leadership will ensure generation of expertise within the organization, to take forward new ideas on their own.

The online version will allow **Work From Home (WFH)** entirely, through webinars, video interactions and online project review sessions.

## CONDUCT

The interns will be exposed to the UDA framework and its challenges & opportunities. They will be guided through detailed literature survey and encouraged to formalize their specific project topics. Specific knowledge / skill required to undertake the project will be facilitated and data if required will be supported. Industry exposure will also be part of the internship. Every intern at MRC is mentored to publish their work in appropriate conference or journal based on the efforts put in by them.

**Certificate and Letter of Appreciation** will be awarded to the students on successful completion of the internship with satisfactory achievement of all objectives. Interns showcasing outstanding performance may be offered research associate position, post completion of their degree on specific projects being pursued by MRC.

## GET IN TOUCH

Concept Note  
Apply Here

**MRC Internships**

Also available on website

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6 Weeks | 6 Months | 1 Year