Name: Dr. Pritam Majumder

Designation: Assistant Professor

Branch: Mechanical Engineering

**Educational Qualification(s):**

| **Qualification(s)** | **University** |
|---|---|
| BE in Mechanical Engineering | Tripura Institute of Technology |
| M.Tech in CADCAM &Automation | NIT Silchar, Assam |
| Ph.D | NIT Meghalaya |

**Experience inyears:**

Academic: 2Years 01 Months

Details:

| Sl.No. | Organization | Position Held | Duration | |
|---|---|---|---|---|
| | | | From | To |
| 1 | ICFAI University Tripura | Visiting Lecturer | 25-10-2021 | 27-12-2021 |
| 2 | ICFAIUniversityTripura | Assistant Professor | 28-12-2021 | Till Date |

**Other Information:**

**a) Publication details**

## Journal Paper

1. P Majumder, K M Pandey, N V. Deshpande, S Maity, " Numerical Investigation toStudy Effect of Number of Blade in Propeller Loading with Composite Material"Journal of Institute of Engineers India Series C. vol**102**, 741–751 2021https://doi.org/10.1007/s40032-021-00678-8.**(SCOPUS)**
2. P. Majumder, S. Maity. A critical review on different works on marine propellersover last three decades. Volume-18, Issue 3, 2023, page 391-413, Journal of Ships and OffshoreStructures,https://doi.org/10.1080/17445302.2022.2058767(**SCI**)
3. P. Majumder, D K Avanapu and S. Maity, "Numerical investigation of

significanceofductangleofattackandductpositioninaductedpropellerinthepresence of propeller boss cap fin", Iranian Journal of Science and Technology, Transactions ofMechanical Engineering. Volume 46, 2021, page 745-760https://doi.org/10.1007/s40997-021-00457-x.**(SCI)**

4. P Majumder, S Maity**, "**Numerical Analysis Of Aerofoil Shape Propeller Boss CapFin (PBCF) To Improve Propeller Efficiency", International Journal of InnovativeTechnology and Exploring Engineering (IJITEE), Volume-9 Issue-3, January 2020(DOI: 10.35940/ijitee.C8036.019320).

## Book Chapter

1. Pritam Majumder, K.M .Pandey, N.V.Deshpande and S Maity, (2020)"ComparativeStudy ofStress AnalysisforThree Bladed UnderwaterVehiclePropellerswithTwo DifferentCompositeMaterials". In: Biswal B., SarkarB., Mahanta P. (eds)Advances inMechanicalEngineering.Lecture Notes in Mechanical Engineering.Springer,Singaporepp1601-1611(**DOI:**https://doi.org/10.1007/978-981-15-0124-1_140)**(SCOPUS)**

(b)Details of Seminar/Workshop/Conference.

## Conference:

2. P. Majumder and S. Maity, Hydrodynamic performance analysis of marine propellerusing propeller boss cap fin, Proceeding of 4th Indian Conference on AppliedMechanicsINCAM2019,3-5 July,IISc,Bangalore,India,2019.

3. P. Majumder, D K Avanapu and S. Maity, "Significance of Duct Position inCombineEffectofPropeller BossCap Fin(PBCF)andPropellerDucttoImprove Efficiency", Proceeding of 64th Congress of ISTAM, Indian Institute of TechnologyBhubaneswar,India,December9-12,2019, (https://istam.iitkgp.ac.in/resources/2019/proceedings/Paper_Full/53fullpaper.pdf).
4. P. Majumder, D K Avanapu and S. Maity, "Numerical investigation ofrole of angleof attack ofduct in ducted propeller with PBCF", Proceedings of the 6th InternationalConference on Ship and Offshore Technology, ICSOT 2019, IIT Kharagpur, India,November7-8, 2019**.(SCOPUS)**
5. P Majumder, K.M. Pandey and N.V. Deshpande, "Design and Analysis of aPropeller Blade for Underwater Vehicle", Journal of Material Science

andMechanicalEngineering(JMSME),Vol3,Issue2, PP:105-110,JanMarch,2016

6. P Majumder, K.M.Pandey and N.V.Deshpande, "A Review Paper: On Design andAnalysis of Propeller of Underwater Vehicle", Journal of Basic and AppliedEngineeringResearch (JBAER),Vol3,Issue3,PP:271-275,Jan-March,2016.)

## Workshop

1. **S**horttermcourseon"LargeEddySimulation(LES)forShipResearch"atOceanEngineeringDepartment IIT Kharagpur sponsored by United States-IndiaEducational Foundation (USIEF) Fulbright Specialist Program from 17th to 26th Dec2018.
2. Shorttermcourseon"ComputationalFluidDynamicsforIncompressibleFlows"conductedbyDepartment ofMechanicalEngineeringIIT GuwhatisponsoredbyTEQIPfrom17thto21thJune2019.
3. 5th National Workshop on " Research Methodology in Fluid Mechanics" organizedbyDepartmentof Mechanical Engineering,IIT GuwhatiandNationalSocietyofFluidMechanicsandFluidPower(FMFP)from22nd-23thJune2019.
4. Workshop on " Hand on Training on ANSYS for Computational Fluid Dynamics" atDepartment of Mechanical Engineering NIT Meghalaya sponsored by TEQIP-IIIfrom6thto 10th September2019.