



K Dibyajyoti Mohanta

M Tech

Dredging & Harbour
Engineering

Indian Maritime University

Personal Info

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Address :

HN 598, Vivekananda Marg,

Magurgadia, Near NH 215.

Keonjhar.

Dist : Keonjhar (OD), India

Languages

English _____

Hindi _____

Odia _____

Technical Skills

HYPACK _____

AutoCAD _____

Delft 3D _____

CATIA _____

WordPress _____

MS Office _____

Mac OS _____

MIKE 21 _____

Hobbies

Photography _____

Cricket _____

Driving _____

Blogging _____

Harbour Engineer : 4 month Internship Experience on TSHD, CSD and Mechanical Dredgers at Paradip Port Trust. Trained in Hydrographic Survey, Mathematical Modelling of Various Coastal Processes, and Dredging Activity. Can manage Dredging, Port and Harbour Operation works. Looking to leverage Project Cost Estimation, and other Harbour Engineering skills in the position of Engineer : Port and Harbour Operation.

Work Experience

- Intern at Paradip Port Trust under Marine Department. Jan 2017 to April 2017
- Worked as Workshop Manager at Ganapati Automobiles, Keonjhar. Nov 2013 to March 2015
- Worked as a content writer for IMAGINE.(<http://www.imagine.co.in>) (Free Lancing)
- Worked as a content writer at Meinstyn Learning Solution LLP for www.uridiot.com

Academic Projects

- **Analysis of Environmental Ship Index and Energy Efficiency Operating Index of a TSHD @ Paradip Port Trust (A State Owned Major Port, Govt of India)**

Contribution : Bathymetry Study of the Paradip Port. Estimation of the Dredging Quantity using HYPACK. Production Calculation of the TSHD. Energy Efficiency Analysis of the TSHD. Analysis of the Environmental Ship Index of the TSHD.

- **Design of Quay Wall @ IMU Visakhapatnam Campus**

Contribution : Analysis of Environmental Forces, Sediment Transportation in Delft 3D and Design of the Quay Wall in AutoCAD.

- **Production Calculation and Cost Estimation of Maintenance Dredging involving Trailer Suction Hopper Dredger @ IMU Visakhapatnam Campus**

Contribution : Bathymetry Analysis of the Dredging Site in HYPACK and MIKE 21. Study of Dredger Performance and Determination of Optimum Working Point of the Dredge Pump. Cost Estimation of the Dredging Work.

- **Performance Analysis of the Cutter Suction Dredger and Trailer Suction Hopper Dredger @ IMU Visakhapatnam Campus**

Contribution : Study of Dredging Cycle, Factors Affecting Dredging Process And Design of Optimum Working Model for a Dredging Contract.

Education & Certifications

2017 : Diploma in Multi Modal Transport & Logistics Management (Continuing)
Distance Education Mode - Institute of Rail Transport

: Project Planning and Control (Continuing)

Online Certification Course from NPTEL

2017 : M Tech Dredging and Harbour Engineering (75.4 %)
Indian Maritime University Visakhapatnam Campus

2013 : B Tech Mechanical Engineering (65 %)
Biju Patnaik University of Technology, Odisha

2009 : Higher Secondary Education (64%) - C.H.S.E (Orissa)

2007 : Secondary Education (84%) - B.S.E (Orissa)

Achievements

- Got Scholarship from Govt Of Odisha, UG Meritorious Students (Technical)
- Cleared UPSC- Combined Defence Service Exam.
- Participated in International Conference on Waterways, Port Engineering and Dredging Technology by EADA India
- Got Critics Special Mention for Photography from IMAGINE (A Non Profit Organisation)