**Sudipta Maity**

**EDUCATION**

* **M.Tech Engineering Design**

**CGPA – 9.59 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **B.Tech Mechanical Engineering**

**CGPA – 7.82 / 10**

* **Class 12** – 79.6% **2019**

Institution:

* **Class 10** – 100% **2017**

Institution:

**TECHNICAL INTERESTS**

Engineering Design, Fabrication

**PROJECTS**

**Gear Pair Design Optimization by Genetic Algorithm**  
- [February 2022]  
- Amrita Vishwa Vidyapeetham, Coimbatore, TN  
- Optimized, power delivered by gear pair, overall weight, efficiency, center distance, using Genetic Algorithm function, in MATLAB®, that successfully matched with the results given in Journal Paper

**Fabrication and improvement in performance of cooling tower**- [June 2018]  
- KCC Institute of technology and Management, Greater Noida, UP- Improved, efficiency of cooling tower, which is a crucial part of any power plant, by suggesting modification in it’s design

**TECHNICAL SKILLS**

AutoCAD, MATLAB, SOLIDWORKS, Python, C

**INTERNSHIP**

**IPGCL/PPCL –** Combined Cycle Gas Power Plant  
- [June - July 2017]  
- IP Estate, New Delhi

Gained knowledge, about working of Combined Cycle Gas Power Plant

**CERTIFICATIONS**

AUTOCAD

SOLIDWORKS

Master Certificate course in “Advance Quality Control & Inspection (Mech.)” (MCQCI)

**LANGUAGES**

English, Hindi,Bengali