NAME: - Mr. SOUMYA GHOSH

DESIGNATION: -Asst. Prof. (MECHANICAL ENGINEERING DEPARTMENT)

EXPERIENCE: - 06 years Teaching, 2 years research & 1 years industry**.**

QUALIFICATION:-

1. B.Tech in Mechanical Engineering from Secom Engineering College in the year of 2010

2. M.Tech in Mechanical Engineering from NIT Durgapur in the year of 2016.

3. Pursuing PhD

PUBLICATION:-

1. **JOURNAL:-**
   "Scope for using underutilizedhydraulic sources a reemphasis of role of Hydram", Communicated for paper publication.

CONFERENCE PAPER:-

1)."Using underutilized Hydraulic sources Re-emphasis on the role of Hydram", National Seminar on Recent Trend in AppliedSciences and Humanities and its influence on technological and socioeconomic development (RTASH),at DIATM withInstitutionof Engineers (India) Durgapur Local Centre*, March 7-9,2017.*

2) ''Underutilized Hydraulic Sources used in a Hydraulic Ram Pump", at "National Conference on Enabling Sustainable Development in Mechanical Engineering in the Context of Make in India", held at DIATM on 3rd –5th April, 2017.

3) "Scope for using underutilized hydraulic sources a reemphasis of role of Hydram", at All India Seminar on "Sustainable Development in Manufacturing Process & Impact on Environment" held at DIATM on 3-5 May, 2018

SEMINAR ATTENDED:-

1. At "MECHNICS OF COMPOSITE AND FUNCTIONALLY GRADED MATERIALS (MCFGM-2013)", NIT-DURGAPUR(5 DAYS)
2. Two-Weeks ISTE workshop on ENGINEERING THERMODYNAMICS conducted by IIT-BOMBY.
3. Two-Week faculty development programme conducted by DIATM Rajbandh.
4. At "ENABLING SUSTAINABLE DEVELOPMENT IN MECHANICAL ENGINNERING IN THE CONTEXT OF MAKE IN INDIA", DIATM Rajbandh.
5. At "SUSTAINABLE DEVELOPMENT IN MANUFACTURING PROCESS & IMPACT ON ENVIRONMENT", DIATM Rajbandh**.**

PROJECT: -

1. Domestic purpose used in HYDRAULIC RAM PUMP.
2. In Cutting Tool Modification & Cutting Force Analysis.

AREA OF INTEREST (ACADEMICS):- THERMODYNAMICS, FLUIDMECHANICS, ENGINEERING MECHANICS, DYNAMICS OF MACHINE, STRENGTH OF MATERIAL, FLUID MACHINE, MECHANISM, AUTO CAD, SOLID WORKS**.**

AREA OF INTEREST (RESEARCH):- Started PhD work in the field of SURGE ANALYS