

**NAME**—SUBRATA KUMAR MAJUMDAR

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

**EXPERIENCE**:- 08 Years

**QUALIFICATION**:-

1. B.Tech in Mechanical Engineering from Saroj Mohan Institute of Technology in the year of 2006
2. M.Tech in Mechanical Engineering from Kalyani Govt. Engg College in the year of 2014.
3. Pursuing PhD

**PUBLICATION** :-

**1. NATIONAL JOURNAL**:-

**“AN EXPERIMENTAL INVESTIGATION ON SURFACE ROUGHNESS ACHIEVED DURING ABRASIVE WATER-JET MACHINING OF LOW CARBON STEEL”**, Journal of the Association of Engineers, India, [ISSN 0368-1106], Vol. 87, No. 1 & 2, 2017, pp- 26-32.

**2. CONFERENCE PAPER**:-

- a) ‘Optimizing The Cutting Condition CNT Reinforced Alumina With The Help Of Abrasive Water Jet Machining’. at All India Seminar on “Sustainable Development in Manufacturing Process & Impact on Environment” held at DIATM on 3-5 May, 2018
- b) Investigate Different Types of Flow Regime in a Straight Plane Diffuser With Varying Inlet Reynolds Number. at All India Seminar on “Sustainable Development in Manufacturing Process & Impact on Environment” held at DIATM on 3-5 May, 2018
- c) An Experimental Comparison On Surface Roughness And Radius Of Curvature Achieved During Abrasive Water-Jet Machining Of Low Carbon Steel And CNT Reinforced Alumina.
- d) Analysis of Various Casting Defects.

**AREA OF INTEREST (ACADEMICS)** :- Primary Manufacturing Process, Advanced Manufacturing Process, Machine-Tool Engineering, Materials Science & Engineering, Fluid Mechanics, Strength of Materials.

**AREA OF INTEREST (RESEARCH)** :- Started PhD work in the field of Fluid Dynamics