

**Name** – Sanchari Ghosh

**Designation**- Assistant Professor, Netaji Subhash Engineering College

**Area of Work**– “Numerical and Experimental Study of Open Channel Flow”

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### **Qualification-**

- M.E in Fluid Mechanics & Hydraulics from Jadavpur University, 2016
- B.Tech, Civil Engineering ,WBUT, 2013

### **Subjects Taken:**

- Fluid Mechanics
- Hydraulic Structure
- Engineering Hydrology
- Introduction to Civil Engineering
- Water Resource Engineering
- Environmental Engineering
- Air and Noise Pollution and Control

### **Labs Conducted**

- Fluid mechanics lab
- Environmental Engineering lab
- Computer aided civil engineering drawing
- Water resources engineering lab
- Structural engineering design practice

**Experience** – NSEC, February 2017 to till date

### **Publications:**

- Presented a paper entitling “**Three dimensional numerical and experimental analysis of open channel flow with and without baffle**”;P. P no –M1052 ;p.p 1-15;Proceeding of “**2<sup>nd</sup> International Conference on Advances in Mechanical Engineering ICAME 2018**” organized by SRM Institute of Science and Technology, Chennai, March 2018
- Published a paper entitling “**Parametric study on sound transmission through lightweight structural panels**”;P. P no –M1160;p.p 1-6;Proceeding of “**2<sup>nd</sup> International Conference on Advances in Mechanical Engineering ICAME 2018**” organized by SRM Institute of Science and Technology, Chennai, March 2018

## **Additional Qualification / Achievements / Certifications:**

### **Faculty Development Programme**

- Participated in faculty development program **FOP Ignite Entrepreneurship course conducted by Wadhvani Entrepreneur Network (NEN) from 17th July 2023 to 17th August 2023**
- Participated in faculty development program on „**Application of simulation modelling in water resources management**“ by **AICTE training & learning (ATAL) from 11<sup>th</sup> October -15<sup>th</sup> October 2021**
- Participated FDP on „**Sustainable construction practice in Civil engineering**“ by **AICTE TRAINING & LEARNING (ATAL) from 30/08/2021-03/08/2021**
- **One week ICT programme refresher course on Fluid Mechanics by National Institute of Teachers“ Training & research (NITTTR) KOLKATA from 23/08/2021-27/08/2021.**
- **Advanced topics of civil engineering by Netaji Subhash Engineering College from 04/07/2019 – 10/07/2019**
- **A short term course on ‘Study of the experimental procedures and data analysis for tensile, fatigue, fracture and tribological behaviour of materials by the Mechanical Engineering Department, Jadavpur University from 11/06/2018-16/06/2018.**

### **Workshop/Seminar**

- Participated in one week online international workshop on „**Development in Structural Dynamics & soil structure interaction**“ by **National Institute of Technology Silchar from September 11-15, 2020.**
- Participated in International webinar on „**Hydrological extremes: Modelling & mitigation Measures**“ by **Indian Institute of Technology Roorkee, from 27-29 October 2021**
- Participated in one day seminar on ‘Climate change and water crisis by Indian Institute of engineering science and technology, Shibpur on 21<sup>st</sup> June, 2019.’
- Participated national workshop on ‘Turbomachines’ held at Mechanical Engineering Department, Jadavpur University on 30<sup>th</sup> march 2017