**Mr. HRISHIKESH**

**Assistant Professor, Gaya College of Engineering**

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**ACADEMIC DETAILS**

**Year Degree / Exam Institute GPA/Marks (%)**

2017 M.Tech in Design Engineering Indian Institute Technology Delhi 8.333

 (Applied mechanics department)

2013 B.E in Mechanical engineering BIT Mesra Ranchi 80.5

**COURSES TAUGHT**

Engineering Mechanics, Fluid Machinery, Design of Machine Elements

**M-TECH THESIS**

Title – TO STUDY THE PERFORMANCE OF REAR SUPPORTED V-CONE FLOWMETER

Supervisor – **Dr. SHRIRAM HEGDE and Dr. ARGHYA SAMANTHA**

* To study the effect rear support distance on coefficient of discharge.
* To study the effect of upstream disturbance on coefficient of discharge.
* To calculate the coefficient of discharge of rear support V-cone flowmeter.

**AWARDS AND ACHIEVEMENTS**

GATE Rank: AIR 590 (2014)

Got MHRD Scholarship in the M.Tech Program.

**PROJECTS**

* **CYCLE OPERATED BATTERY CHARGER** (Jan, 2016 – May, 2016):
* It is a type of attachment which is designed in such a way that it can be easily attached to any bicycle and able to charge 12v 17ah battery in 20 minutes.
* After successful design and fabrication, Demonstrated in “OPEN HOUSE 2016” event at IIT Delhi.
* **DESIGN OF AUTOMED TOILET DISPOSAL SYSTEM IN TRAINS** (Aug. 2015 – Dec. 2015)
* **RELIABILITY ASSESSMENT OF SYSTEMS.** (Jan. 2016 – May. 2016): Calculation of reliability of series, parallel and mixed system by MATLAB programming.

 **TECHNICAL SKILLS**

* ANSYS, SOLIDWORKS, MATLAB

**WORKSHOP AND FDP**

* **Faculty Induction Programme** at IIT Kanpur, 20-24 Jan 2018.
* Workshop on “**Outcome Based Accreditation**” at GCE Gaya, 09-10 March 2018.
* Workshop on “**NBA Accreditation**” at GCE Gaya conducted by NITTR-Kolkata, 19-23 March 2018.
* FDP on **“Research Methodology”** at GCEGaya, 07-11 January 2019.

**PRESENT RESEARCH INTEREST**

* COMPUTATIONAL FLUID DYNAMICS, TURBULENCE MODELLING

**TEACHING EXPERIENCE**

I have been working as an **Assistant Professor** in Gaya College of Engineering since Jan2018-Till Date.

**ADMINISTRATIVE RESPONSIBILITY**

* Time table in charge Mechanical Engineering at GCE Gaya.
* Coordinator employability skill mechanical at GCE Gaya.
* Course coordinator 3rd year Mechanical Engineering at GCE Gaya.