

DHANANJAY KUMAR

Prime Minister's Research Fellow

Mechanical Engineering

Indian Institute of Technology Guwahati

Guwahati – 781 039, INDIA

Phone: +91- 9821923578

E-mail: dhananjay1993@iitg.ac.inPersonal Website: www.iitg.ac.in/stud/dhananjay1993**Objective:**

Seeking an opportunity to deliver my education, knowledge in optimum way with hard work, value addition and innovation to grow with organization.

Education:

| Year | Class/Degree | Board | Percentage | Institute |
|--------------|--------------|---|------------------------|--|
| 2020-Present | PhD | IIT Guwahati | 87.50 (Course Work) | IIT Guwahati |
| 2019 | M. Tech | NIT Tiruchirappalli | 91.60 | NIT Tiruchirappalli |
| 2015 | B. Tech | RPS Patna | 80.00 | Magadh University |
| 2010 | Class XII | Patna Muslim High School, Patna | 63.60 | Central Board of Secondary Examination |
| 2008 | Class X | B.N Collegiate Senior School, Patna | 69.00 | Bihar School Examination Board |

Technical Skills:

- C++
- C
- MS office
- COMSOL Multiphysics
- Latex
- Mendeley
- MATLAB

Soft Skills:

- Leadership Skills
- Communication Skills
- Teamwork and Collaboration

Publications:**PhD Conferences**

Dhananjay Kumar, Pranab Kumar Mondal, P. Kaushik "Numerical Investigation of Swirl flow in Enhancement of Mixing in Narrow Channel", Under Review.

M. Tech Journal

Dhananjay Kumar, Shavitur Mukesh Kumar Shakya, and P. Kaushik. "Inlet swirl decay and mixing in a laminar micro-pipe flow with wall slip." Physics of Fluids 32.2 (2020): 022008.

Work Experience

- Worked in **WEG Industries Pvt. Ltd (August 2019 - September 2020)** as a “Senior Design Engineer” of Electric Motor & Generator and having knowledge of **SAP, CITRIX, SOLID WORKS (DRAFT SIGHT)** etc.

Industrial Training

- Industrial visit to TAQA Neyveli Power Company Pvt Ltd. in Year 2018.
- Industrial visit to Bokaro Thermal Power Plant in UG in Year 2014.

Academic Awards:

- Recipient of the prestigious **Prime Minister's Research Fellowship** (September 2020 - Present).
- Participated in **Computational Fluid Dynamics workshop** organized by Energy Department of National Institute of Technology, Tiruchirappalli in 2018.
- **2nd Rank holder in PG in NIT Tiruchirappalli** during year 2017-19.
- **Award of excellence** for highest attendance and performance for session 2014-15.
- **1st Rank holder in UG in RPSIT Patna** during year 2011-15.

Extra-Curricular Activities:

- Member of HUMANITTY & Pupil for Pupil committee (PPC) as a social initiative by NITT.
- Member of college cricket team during 2013-14.
- Got NCC certificate “A” at school level in 2008.

Interests and Hobbies:

- Cricket
- Badminton
- Football
- Swimming
- Pranayama
- Listening Music

Personal Information:

| | | |
|------------------------|---|--|
| Date of Birth | : | 18-02-1993 |
| Gender | : | Male |
| Father | : | Jaybabu Singh |
| Linguistic Proficiency | : | English, Hindi |
| Permanent Address | : | Sultanganj Thana, Gwala Toli, Mahendru, Patna, Bihar - 800006 |

Declaration:

I hereby declare that the information provided above are true to the best of my knowledge and belief.

Place: Guwahati
Date: 04-11-2021

DHANANJAY
KUMAR