

DHANANJAY KUMAR

Prime Minister's Research Fellow
Mechanical Engineering
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Objective:

Seeking an opportunity to deliver my education, knowledge in an optimum way with hard work, value addition, and innovation to grow with the 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++
- COMSOL Multiphysics
- MATLAB
- MS office

Soft Skills:

- Leadership Skills
- Communication Skills
- Teamwork and Collaboration

Publications:

Ph.D. Conferences

Dhananjay Kumar and Pranab Kumar Mondal "Numerical Investigation of Swirl flow in Enhancement of Mixing in Narrow Channel", (Accepted).

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 knowing **SAP, CITRIX, SOLID WORKS (DRAFT SIGHT)**, etc

Industrial Training

- Industrial visit to TAQA Neyveli Power Company Pvt Ltd. in the Year 2018.
- Industrial visit to Bokaro Thermal Power Plant in UG in the 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 the year 2017-19.
- **Award of excellence** for highest attendance and performance for session 2014-15.
- **1st Rank holder in UG in RPSIT Patna** during the year 2011-15.

Extra-Curricular Activities:

- Member of HUMANITY & Pupil for Pupil committee (PPC) as a social initiative by NITT during the year 2017-19.
- Member of college cricket team during 2013-14.
- Got NCC certificate “A” at school level in 2008.

Interests and Hobbies:

- Cricket
- 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 is true to the best of my knowledge and belief.

Place: Guwahati
Date: 04-11-2021

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