



SAURABH RANJAN (07ME1012)

Email Id : srbh.iitkgp@gmail.com

Mob. No. : +919775549970

ACADEMIC QUALIFICATIONS

YEAR	EXAMINATION	BOARD/UNIVERSITY	% / CGPA
2004	CLASS X	CBSE	89.6%
2006	CLASS XII	CBSE	83.4%
2011	B.Tech (MECHANICAL)	IIT KHARAGPUR	6.67

SUMMER INTERNSHIPS AND PROJECTS

Fluidyn Software & Consultancy Pvt Ltd. **B.Tech summer Intern** May-July 2010

- Conjugate heat transfer methodology employed to predict the **flow and thermal properties of a turbine vane** and find a suitable cooling method.
- Used Fluidyn-NS computational fluid dynamics software for the turbulence modeling.
- The final result showed satisfactory agreement with experimental findings and TBC method found to be suitable for vane cooling operations.

Resonance India Pvt. Ltd. May-June 2009

- Worked as a business developer for the Mumbai operations of India's second largest coaching institute.
- The number of **student intake increased by 300%**.

B.Tech Project Ongoing

- Study of **Plasma spray coating** and **thermal spray coating** for reduction of residual stress in a sprayed material during deposition.
- **Ansys** simulation of spray coating process to determine suitable coating characteristics for different materials and under different conditions.

ACADEMIC DISTINCTIONS

- ❖ **All India rank 840** in **IIT-JEE 2007** out of **2,43,029** candidates.
- ❖ **State rank of 200** (Bihar state) in **AIEEE 2007** and among top 1% in India out of **5,99,096** candidates.
- ❖ **Consistently topped the school examinations for 6 years (1998-2003)** and topped my school in the class X board exam as well.

EXTRA-CURRICULAR ACTIVITIES

SPORTS

Member of **National Sports Organization** in **hockey**.
Member of the **hockey team** of Meghnad Saha Hall of Residence.

LITERARY

Winner of Bal Kavi Sammelan, a state level poem writing competition (Bihar state), 2001.

QUIZ

1st prize winner of the **philately quiz** organized by Department of Posts, 2000.
Winner of mindsport quiz as part of Kshitij, 2008.

COMMUNITY

Organising member of **I-Desire**, an IITian's initiative to help guide the students of patna through IIT-JEE exam preparation.

Taught engineering aspirants free of cost during summer, 2008.