

## Viresh Kumar

DOB : 5 Aug, 1991

email: [viresh5891@gmail.com](mailto:viresh5891@gmail.com)

Ph: +91-8879046445

Current City : New Delhi

### EDUCATIONAL QUALIFICATIONS

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2016	7.56
Undergraduate Specialization: Mechanical Engineering				
Graduation	NIT Jalandhar	NIT Jalandhar	2014	6.53
Intermediate/+2	CBSE	Nankana Sahib Public School, Ludhiana, Punjab	2009	89.40
Matriculation	CBSE	Kundan Vidya Mandir, Ludhiana, Punjab	2007	89.60

### WORK EXPERIENCE

- 3 months of teaching experience at ProGate, Mumbai *[July'15-Sept'15]*
  - **Subjects** taught: Fluid Mechanics, Heat Transfer and Strength of Materials

### SCHOLASTIC ACHIEVEMENTS

- Scored a **percentile of 99.64** in **GATE-2014** in Mechanical Engineering, among **1,85,578** candidates.
- Secured a position in the **top 1%** in **AIEEE-2010**.

### KEY ACADEMIC PROJECTS

- **M.Tech Project** | Modelling of Iron ore sintering *[Jul'15-June'16]*
  - Modelling and simulation of temperature variation and moisture distribution through the sinter bed.
- **M.Tech Seminar** | Nano Fluids *[Jul'14-Nov'14]*
  - Reviewed the existing research related to stability of Nano-Fluids and the methods to increase their thermal conductivity.
- **B.Tech Project** | Modeling and Simulation of Single walled carbon Nanotube-Polythene Composite in Material Studio. *[Jul'13- May'14]*
- **Shell Eco-Marathon, Malaysia, Kuala Lumpur-2013** | Fabricated a battery electric solar hybrid velomobile
  - The velomobile weighed 70 kgs and recorded a mileage of 120 Kms/KwH in the test run.

### TRAINING AND INTERNSHIP

- Visited **Tata Steel Wire Division**, Tarapur, Maharashtra *[Aug'15]*
- **NPCIL, Tarapur Atomic Power Station**, Maharashtra *[Jun'13-Jul'13]*
  - Worked on the **Steam turbine system and its Auxiliaries**.

### EXTRA-CURRICULAR ACTIVITIES AND INTERESTS

#### Activities:

- **Third** prize in the PG Culturals **Battle of Bands**, was **on Drums**.
- **First** prize in PG Culturals Ad making competition, IIT Bombay.
- Won **Bronze medal** in PG Sports Cricket, IIT Bombay.
- Was a Member of **Krittika, Astronomy Club**, IIT Bombay.

**Interests:** Drumming, Photography, Astronomy, Travelling, Driving, Playing Cricket and Squash.