

ABHISHEK PAL (10ME32015)

Male

Qr. No. 133-B Type-IV

Rail Coach Factory, Kapurthala, Punjab

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E mail: abhishekpai.iit@gmail.com**ACADEMIC QUALIFICATIONS**

EXAMINATION	YEAR	BOARD / UNIVERSITY	%/CGPA
Secondary School (10 th)	2007	ICSE	76.14%
Higher Secondary School (12 th)	2009	CBSE	77.80%
B.Tech (Mechanical) + M.Tech (Thermal Science) under Dual 5yr	2015	IIT KHARAGPUR	6.65/10

KEY ACADEMIC PROJECTS

- **B.Tech Project:** To study the effect of both imposed and induced magnetic field on the conducting fluid moving in a flow regime which is characterized by chaotic property change and to do CFD analysis of it.
- **M.Tech Project:** To develop a nozzle which can deviate the flow with the help of a coanda effect without changing the position of nozzle and the deviation can be controlled manually.

INTERNSHIPS

- **RAIL COACH FACTORY KAPURTHALA, PUNJAB**
 - Understood the working process of the factory in detail by visiting each workshop.
 - Examined clearly the brake system in conventional and LHB coaches.
 - Tried to solve the problem of wheel defect caused due to overheating of wheel when brakes are applied over it.

EXPERIENCE

- **Assistant Professor in National Institute of Technology, Kurukshetra.**
27th July, 2015 to 30th June, 2016
- Part time Faculty at **GATE** coaching center **UFABER**.

COMPUTER KNOWLEDGE

- Programming language: **C**
- Microsoft Office: **Word, Excel, PowerPoint**.
- Other Software Exposure: **HTML, CSS, MATLAB, EES, SOLIDWORKS, ANSYS**.

EXTRA CURRICULAR ACTIVITIES

- Working with many **NGO**'s in providing free education to underprivileged students.
- Led an awareness campaign against use of polythene bags in Tech Market, **IIT KHARAGPUR**.
- Organized many **Yoga** and **Meditation** awareness program in slums, villages and government schools.