

Resume`

Vipul Kumar Pathak

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CAREER OBJECTIVE

In quest of a long-term career as a teacher in the field of Mechanical Engineering with a growth oriented organization of high repute.

BRIEF OVERVIEW

- ✓ *Currently working as Assistant Professor in Mechanical Engineering department of Institute of Engineering & Technology (Sitapur Road, Lucknow).*
- ✓ *M.Tech (2014-16 batch) in Mechanical Engineering stream specialization in Thermal engineering (CFD &H.T) from National Institute of Technology, Hamirpur (H.P).*
- ✓ *B.Tech (Mechanical Engineering) from Shri Ramswaroop Memorial College of Engineering and Management, Lucknow, UPTU.*
- ✓ *Gate qualified in 2013, 2014, 2015 with highest score 583.*
- ✓ *Published A journal paper in "BIO-FUELS, TAYLOR AND FRANCIS" on the topic "Evaluation of Performance, Emission and Combustion Characteristics of Diesel Engine Fueled with Castor Biodiesel".*
- ✓ *Published A journal paper in "International Journal of Surface Engineering and Interdisciplinary Materials Science" on the topic "Plasma Sprayed WC-12%Co-Coatings for TBC Applications on Diesel Engine Piston".*
- ✓ *Accepted a journal paper in "International Journal of Computational Materials Science and Surface Engineering" on the topic "Thermo-mechanical Evaluation of Plasma Sprayed YSZ based Multi-layered Thermal Barrier Coatings".*
- ✓ *Well versed with the concepts of Thermodynamics, Refrigeration & Air-conditioning and Theory of Metal Cutting.*
- ✓ *Capable at grasping new technical concepts quickly and utilizing them in a productive manner.*
- ✓ *Gained exposure to industrial environment at Hindustan Aeronautics Limited, Lucknow.*

Strengths:

- *An analytical mind with the ability to think clearly and logically. Ability to work accurately and pay attention to details.*
- *Honest, positive attitude and quick learner.*

PROFESSIONAL QUALIFICATION

- ✓ **M. Tech (2014-16 batch)** in **Mechanical Engineering** stream specialization in *Thermal engineering (CFD &H.T)* from National Institute of Technology, Hamirpur (HP) with 8.42 CGPA.
- ✓ **B. Tech (Mechanical Engineering)** from Shri Ramswaroop Memorial College of Engineering and Management, Lucknow, UPTU in 2012with 76.38%.

ACADEMIC QUALIFICATION

- ✓ **Class XII** from Maharaja Inter College Ayodhya (Faizabad) in 2006 with 58.8%.
- ✓ **Class X** from S.S.S.V Inter College, Faizabad in 2004 with 60.66%.

M.TECH DISSERTATION :

**“EXPERIMENTAL STUDY OF MICROSTRUCTURE AND STABILTY ANALYSIS OF TBC
COATED DIESEL ENGINE PISTONS BY THERMOPHYSICAL AND MATERIAL
TESTING”**

- ✓ The specific objectives of project work are :
 - ✓ To apply thermo-physical & material testing.
 - ✓ Compare the result with standard result
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PROFESSIONAL SKILLS

Software: ORIGIN, JCPDS
Package: MS Office (Word, Excel, PowerPoint).
Operating System: Windows7, Windows8, Windows10.
Other: Internet Applications.

INTERNSHIP TRAINING

Organization: Hindustan Aeronautics limited Lucknow
Key Learning's: Work related to manufacturing of engines parts.
Duration: 1 Month (June, 2010)
Organization: N T P C TANDA (U P)
Key Learning's: Coal processing unit
Duration: 1 Month (June, 2011)

Personal Skills & Extracurricular Activities

- ✓ Participated in the **workshop** on **“PERSONALITY DEVELOPMENT AND COMMUNICATION SKILLS”**
 - ✓ **Mess committee member** of HIMGIRI Hostel at NIT Hamirpur.
 - ✓ **MERIT HOLDER** in 3rd and 4th year.
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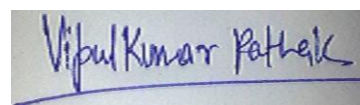
PERSONAL DETAILS

Date of Birth 08, Sep 1989
Permanent Address Village- Pathak Ka Pura, Post- Alnabhari
District- Faizabad. U.P- 224161
Language known: English & Hindi.

DECLARATION

I hereby declare that the information given above is true as my knowledge and belief.

Date: 20/05/2021
Place: Lucknow



Signature