



VIDYAPATI KUMAR

Add:- C - 7/78, OFFICERS COLONY, RAJRAPPA
PROJECT, RAMGARH, JHARKHAND, INDIA, Pin-
829150, INDIA

PERSONAL DETAILS

Fathers Name : Mr. Gajendra Kumar
D.O.B : 14th March 1995
Gender : Male
Category : General
Nationality : Indian
Languages : English , Hindi
Bengali , Maithili

COMPUTER PROFICIENCY

Application packages- CATIA, AutoCAD
Programming languages -C, C++, SQL,
Asp.net, MATLAB, VISUAL BASIC

Subject of Interest

Manufacturing , Strength of materials

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LinkedIn : <https://www.linkedin.com/in/vidyapati-kumar-37332251/>

Google Scholar: <https://scholar.google.co.in/citations?user=thYljvAAAAI&hl=en>

CAREER OBJECTIVE

To be a part of an organization where I can fully utilize my skills and make a significant contribution to the success of the employer and at the same time my individual growth.

ACADEMIC QUALIFICATION

- **Ph.D. (Mechanical)** from **INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR**, West Bengal, Year- 2021 (*Pursuing*)
- **M.E (Production)** from **JADAVPUR UNIVERSITY**, West Bengal
Year- 2018, Result -8.38 CGPA
- **B.TECH (Mechanical)** from **MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY**, West Bengal
Year -2016, Result -9.19 DGPA
- **Intermediate (I. SC)** from **DAV PUBLIC SCHOOL KAPILDEV**, Ranchi, Jharkhand
Year- 2012, Result -79.2%
- **Matriculation** from **DAV PUBLIC SCHOOL RAJRAPPA**, Ranchi, Jharkhand
Year- 2010, Result -9.2 CGPA

FURTHER EDUCATION

- **Machine Learning** from **STANFORD UNIVERSITY, Coursera**, 2020

GATE

- Year -2017, **GATE Score-662, AIR-4300, Marks-62.94**
- Year -2016, **GATE Score-443, AIR-16299, Marks-38.74**

PROFESSIONAL EXPERIENCE

- Plus Educator (GATE/ESE Mechanical) at **Unacademy** - 24th Aug 2020 (Currently working)
- Project Assistant at **CSIR-Central Institute of Mining and Fuel Research** Duration-6th Aug 2018 to 6th Mar 2020
- Educator at **UrbanPro** – 20th July 2016 to 5th June 2018

Details of the project carried out

- **Project Title:** Design guidelines for underground coal extraction beneath massive competent strata.
This project was Grant Aid Project Funded by Coal India Limited in which the experimental trial panels have been considered at Maori mines of WCL.

Place of work: CSIR-Central Institute of Mining and Fuel Research, Dhanbad

M.E. Thesis Title: Development of an Intelligent Advisory System for Non-traditional Machining

- Processes.
- **B.Tech Project Title:** Development of an assistive system for the visually impaired persons.

Vacational Training

• Tata Steel Ltd.

Project Title: Enhancement of the efficiency of
Door Cleaning System of CGC machines.

Project Duration: 16th June 2015 to 7th July 2015

• Eastern India Powertech Ltd.

Project Duration: 16th June 2014 to 15th July 2014

Certification Courses from Simplilearn

- Introduction to Project Management
- Introduction to Artificial Intelligence
- Introduction to Data Analytics
- Introduction to Robotic Process Automation
- Business Analytics with Excel

List of publications:

Journal Papers

- [1] **Kumar, V.**, Diyaley, S., & Chakraborty, S. (2020). Teaching-Learning-Based Parametric Optimization of an Electrical Discharge Machining Process. Facta Universitatis, Series: Mechanical Engineering.
<http://casopisi.junis.ni.ac.rs/index.php/FUMechEng/article/view/6156>
- [2] **Kumar, V.**, Das, P. P., & Chakraborty, S. (2020). Grey-fuzzy method-based parametric analysis of abrasive water jet machining on GFRP composites. *Sādhanā* 45(1), 1-18.
<https://link.springer.com/article/10.1007%2Fs12046-020-01355-9>
- [3] Chakraborty, S., **Kumar, V.**, & Ramakrishnan, K. (2019). Selection of the all-time best World XI Test cricket team using the TOPSIS method. Decision Science Letters, 8(1), 95-108.
<http://m.growingscience.com/beta/dsl/2817-selection-of-the-all-time-best-world-xi-test-cricket-team-using-the-topsis-method.html>
- [4] Chakraborty, S., Das, P. P., & **Kumar, V.** (2018). Application of grey-fuzzy logic technique for parametric optimization of non-traditional machining processes. Grey Systems:Theory and Application.8(1), 46-68
<https://www.emerald.com/insight/content/doi/10.1108/GS-08-2017-0028/full/html>
- [5] Chakraborty, S., Das, P. P., & **Kumar, V.** (2017). A grey fuzzy logic approach for cotton fibre selection. Journal of the Institution of Engineers (India): Series E, 98(1), 1-9.
<https://link.springer.com/article/10.1007/s40034-017-0099-7>

International Conference

1. Presented Paper entitled “**Determination of the Optimum Process Parameters through GRA during Generation of Circular Micro-Textured Pattern by TMEMM**” in the International Conference on Advancements in Mechanical Engineering (ICAME 2020).
2. Presented Paper entitled “**Analysis of the surface roughness characteristics of EDMed components using GRA method**” in the International Conference on Industrial and Manufacturing Systems (CIMS 2020).

DECLARATION: - I, hereby declare that the above furnished information are true and correct to the best of my knowledge and belief.

VIDYAPATI KUMAR