

## CURRICULUM VITAE

**Dr. SHAH FATEH AZAM (Ph. D, IIT BHU)**

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Nagar Gorakhanth, Gorakhpur (U.P.) India-273015

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### CAREER OBJECTIVE

To obtain a creative and challenging decree that provides me opportunity to utilize my knowledge, leadership, managerial and interpersonal skills for the mutual benefit of the institution and scholars.

### PROFESSIONAL STRENGTHS:

- Outstanding communication and interpersonal skills
- Excellent time management and organizational skills
- Persuasive, emphatic with good problem-solving skills
- Proficient in Microsoft Outlook, excel and Internet Explorer
- Quick learner, detail oriented and ability to adapt to new processes in limited time frame.
- Multi-tasking skills and ability to work under pressure.

### WORK EXPERIENCE

- Working as **Assistant Professor in Mechanical Engineering Department in KIPM College of Engineering and Technology Gida, Gorakhpur, (U.P), India. (September 2020 to till date.)**
- Worked as **Assistant Professor in Mechanical Engineering Department at Madan Mohan Malaviya University of Technology Gorakhpur, (U.P.), India. (July 2013 to May 2014)**

### TEACHING SKILLS

- Effectively efforts using teaching abilities to create a nurturing, motivational environment to help students achieve their goal.
- Focused on teaching Manufacturing Science I and II, CAM and other subject related to mechanical engineering department.
- Managing students by providing guidance and feedback to help them strengthen their skills as well as knowledge base.
- Involved in devising future to remain student focused.
- Responsible for departmental administrative tasks, providing & mentoring, advice as well as support to students.
- Willing to take responsibility for the quality of teaching delivered and to make necessary changes to improve quality and maintain standards.

## PROFESSIONAL QUALIFICATION

- **Doctoral of Philosophy (Ph.D.)** from, **Indian Institute of Technology (BHU) Varanasi**, 221005, (UP), India.
- **Master of Technology (Hons.) in Computer Integrated Manufacturing (CAD/CAM)** from **Madan Mohan Malaviya Engineering College, Gorakhpur** with **76.90%** of marks.
- **Bachelor of Technology in Mechanical Engineering** from **Institute of Technology & Management, Gida, Gorakhpur** with **67.26%** of marks.

## ACADEMICS QUALIFICATION

- **Intermediate** from **UP BOARD** with **67.00%** of marks.
- **High School** from **UP BOARD** with **63.16%** of marks.

## INTERNATIONAL AND NATIONAL PUBLICATIONS

- Published a research paper entitled **“Design Optimization and Analysis of an Aerofoil”**, **International Journal of Advance Research and Innovative Ideas in Education**, (2022), vol (3), pp 282-290.
- Published a research paper entitled **“Influence of Rake Angle, Bucket Width & Teeth Depth of Dragline Bucket on the Resistive Force in Different Rock Types”**, **Current Science journal**, (2020), vol.118 (1), pp 26-28. (SCI)
- Published a research paper entitled **“Stress Analysis of Dragline Bucket in Operating Condition”**, (2019), **Modelling C**, Vol. 80, (1) pp 5-10. (SCOPUS)
- Published a research paper entitled **“Finite Element Based Simulation and Analysis of Dragline Bucket in Static and Dynamic Loading Condition”**, **Current Science journal**, (2019), vol.116 (4), pp 612-619. (SCI)
- Published a research paper entitled **“Modelling of Dragline Bucket for Determination of Stress”** (2018), **Modelling C**, Vol. 78, (3) pp 392-402. (SCOPUS)
- Published a research paper entitled **“Optimization of Electric Discharge Machining Process Parameters Using Genetic Algorithm”** **International Journal of Engineering Research & Technology**, (2013) Vol. 2 Issue 9.
- Published a research paper entitled **“Application of MATLAB In Modeling and Optimization of Unconventional Finishing Process”** **International Journal of Engineering Research & Technology**, (2013) Vol. 2 Issue 9.

## SEMINAR/WORKSHOP ATTENDED

- Attended workshop on, one-day ONLINE impact lecture session I on **“Introduction to the goods and service tax (GST) for new Entrepreneurs” and Entrepreneurship journey and advancement in technology during my startup journey** (27<sup>th</sup> june,2022), organized by Sagar Institute of Research and Technology -Excellence, Bhopal.
- Attended workshop on, one-day offline workshop on **“National Intellectual Property Awareness Mission”** (May 31, 2022), Organized by Intellectual Property Office, India.

- Attended workshop on, one-day online Workshop On **“Prototype/Process Design and Development-Prototyping”** (26 May,2022), Organized by Department of Mechanical Engineering And DTU-IIF, Recommended by Ministry of Education.
- Attended workshop on, One-Week Online Workshop on **“Cyber Security and Information Assurance”** (Jan 27 – Jan 31) (CSIA 2022), Rajkiya Engineering College, Sonbhadra in January 2022.
- Attended workshop on **Mechanical Static, Dynamic and Space Claim on Ansys Software** March 2019.
- Attended workshop on **Research Methodology and Writing Skill** organized by **IIT BHU Varanasi** in May 2016
- Attended the **AICTE-Sponsored National Seminar on Active and Smart Materials (NASAM-12)**, organized by **Department of Applied Sciences (Physics), Madan Mohan Malaviya Engineering College, Gorakhpur** on 23<sup>rd</sup> & 24<sup>th</sup> March 2012.

#### **ACHIEVEMENTS:**

- Qualified Gate -2011

#### **THESIS/PROJECTS/CERTIFICATION**

##### **Ph.D. THESIS**

- Thesis titled **“Modelling and Analysis of Dragline Bucket”**. Using **ANSYS** and **MATLAB Tool** for Analysis and Optimization.

##### **M.TECH THESIS**

- Dissertation titled **‘Optimization of EDM Process Parameter Using Genetic Algorithm’** with modeling and optimization based on toolbox **Central Composite Design of Design Expert** and **GA Tool** of **MATLAB**.

##### **B. TECH PROJECT**

- Project titled **“Eco friendly Refrigerator or Solar cell Refrigerator”**. To connect a changeover switch for polarity reversing for cooling and heating effect inside the enclose assembly.

#### **INDUSTRIAL TRAINING**

- **Bhilai Steel Plant (SAIL), Bhilai**. Visited different Engineering shops (SMS-I, SMS-II, PLATE MILL, SINTERING PLANT, RAIL AND STRUCTURAL MILL, BLAST FURNACES.)

#### **TOOLS/COMPUTER SKILLS**

- BASIC AUTO CAD
- ANSYS
- SOLID WORKS
- MATLAB

## REFERENCES

- **Prof. D. K. Singh**  
(Professor & Head)  
Department of Mechanical Engineering, MMMUT(GKP)  
dhirenks@gmail.com  
Mob. 09452972971
- **Dr. Mohd. Zaheer Khan Yusufzai**  
(Associate Professor)  
Department of Mechanical Engineering, IIT (BHU)  
mzkhan.mec@iitbhu.ac.in  
Mob. 0885322962

## PERSONAL INFORMATION

Father's Name	:	Naim Ahmad
Date of Birth	:	10-09-1989
Gender	:	Male
Marital Status	:	Married
Languages Known	:	English, Hindi, Urdu, and Arabic.
Nationality	:	Indian
Religion	:	Islam
Permanent Address	:	H No: 486x North Humayunpur New Area Kabir Nagar Gorakhanth, Gorakhpur (U.P.) India-273015

## Declaration

All the information given above by me is true and accurate to best of my knowledge and belief.

**Date:**

**Place: Gorakhpur**

**( Dr. SHAH FATEH AZAM)**