

## CURRICULUM-VITAE

**Mr. Amit Kumar Singh**

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### Career Objective:

Seeking a position to utilize my abilities, knowledge, and experience where I can effectively contribute my teaching, guidance and counseling skills in the institution that offers knowledge incubation and professional growth while being resourceful, innovative, and flexible.

### Professional Strength:

- 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 a limited time frame.
- Multi-tasking skills and ability to work under pressure.

### Education:

- **M. Tech.: MED, Madan Mohan Malaviya Engineering College, Gorakhpur, (U.P.)**  
November 2014 Specialization: Computer Integrated Manufacturing, Marks: **78.95% (Hons.)**  
**Thesis:** Optimization of Flexible Manufacturing System Using Fuzzy Logic Approach
- **B.Tech. : SHRIRAM MURTI SMARAK COLLEGE OF ENGG & TECH. BAREILLY.**  
  
Uttar Pradesh Technical University, Lucknow (UP), June 2012  
Discipline: Mechanical Engineering, Marks: **71.32%**  
**Project:** Portable Refrigerator
- **Intermediate: Buddha Inter College, Kushinagar**  
U.P. Board 2006  
Stream: PCM, Marks: **69.40%**
- **High School: Buddha Inter College, Kushinagar**  
U.P. Board 2004  
Stream: Science, Marks: **73.50%**

## **Teaching & Research Experience:**

**09+ Years** of Teaching Experience at KIPM College of Engineering & Technology, GIDA, Gorakhpur (U.P.)

- **Assistant Professor**, Mechanical Engineering Department, KIPM College of Engineering & Technology, GIDA, Gorakhpur (U.P.), August 2014 to Sep. 2015. **(01+ Year)**.
- **Assistant Professor & HOD** , Mechanical Engineering Department, KIPM College of Engineering & Technology, GIDA, Gorakhpur (U.P.), from 16/09/2015 to 04/02/2021 **.(05+Years)**.
- **Assistant Professor & Workshop Superintendent** ,Mechanical Engineering Department, KIPM College of Engineering & Technology, GIDA, Gorakhpur (U.P.), feb 2021 to till date **.(03+ Year)**

## **Other Experience**

- **Center Observer**,NTA NEET EXAM 2019, GORAKHPUR CENTRE
- **Center Observer**, NTA CTET EXAM 2018, 2019 & 2020

## **Research Interest:**

- Flexible manufacturing
- Mechanical elements Design
- CAD/CAM, CIM

## **Research Publications:**

Total Research Publications: **2**, In Referred Journals **:(02 International )**

- 1) Published a research paper with title “**SCHEDULING OF FMS USING FUZZY LOGIC APPROACH**” in IJTRE volume 2 , issue 1 , september 2014 ISSN(Online) 2347-4718
- 2) Published a research paper with title “**SCHEDULING OPTIMISATION IN FMS USING GENETICALGORITHM WITH MAKESPAN CRITERION**” in IJTRE volume 1, issue 12, August 2014 ISSN(Online) 2347-4718

## **B.Tech. Project supervised:**

Supervised: **25 students group**

## Conference/ Workshop/ Training Attended:

1. Attended **TEQIP-III** sponsored one-week short term training program on “**Advancements in Mechanical Engineering (AME-2018)**” organized by Department of Mechanical Engineering, Madan Mohan Malaviya University of Technology Gorakhpur, UP, India 17<sup>th</sup> – 23<sup>rd</sup> December 2018
2. Attended TEQIP-III sponsored one-week Short Term Course on “**ROBOTICS**” organized by Mechanical Engineering Department, IIT KANPUR , India Jan 2019
3. Attended **2, 8 Days workshop of UHV Level 1 & refresher**
4. Attended TEQIP-II sponsored one-week training program on “**EMERGING TRENDS IN THERMAL, DESIGN& MANUFACTURING** ” organized by Department of Mechanical Engineering, Madan Mohan Malaviya University of Technology Gorakhpur, UP, India 26<sup>th</sup> – 30<sup>st</sup> March 2020
5. Attended one-week Short Term Course on “**Environment Impact Assessment**” organized by NITTR Chennai, India 25<sup>th</sup> – 31<sup>th</sup> July 2020
6. Attended TEQIP-III sponsored one-week Faculty Development Programme on “**Recent Advances In Material Characterization**” organized by Mechanical Engineering Department, NITTR, Chandigarh India 23<sup>st</sup>-28<sup>th</sup> May 2020 .
7. Got NPTEL online certification 4-week course “**Principles of Vibration Control**” Sep-Oct 2020.
8. Attended Institutions innovation council sponsored 5 days Faculty Development Programme on “**Thermal energy based micro/nano machining processes**” organized by Department of Mechanical Engineering ,BBDNITM ,Lucknow from 02-06 November 2021.
9. Attended TEQIP-III sponsored one-week Faculty Development Programme on “**Future & challenges in engineering & technology**” organized by Krishna Engineering college , Gaziabad , U.P. From 14th may -18th may 2021.
10. Attended TEQIP & AICTE sponsored one week Faculty development programme on “**Cyber security**” organized by REC Sonbhadra, 25-31 Jan 2022

## Subject Taught:

- **UG Level**

1. Engineering Mechanics
2. Strength Of Materials
3. Theory Of Machines
4. Machine Design
5. Fluid Mechanics & Fluid Machinery
6. Measurement & Metrology
7. Fundamental of Mechanical Engineering & Mechatronics
8. Manufacturing Science

## **Achievements:**

- Gate -2012, 2014, 2017 Qualified

## **References:**

### **1. Prof. S. K. Srivastava,**

Professor, MED, M. M .M. University of Technology, Gorakhpur,

E-mail: [drsksme@gmail.com](mailto:drsksme@gmail.com) Tel. No. +91-9235500566

### **2. Prof. D K Singh**

Professor, MED, M. M. M. University of Technology, Gorakhpur

E-Mail: [dhirenks@gmail.com](mailto:dhirenks@gmail.com) Tel. No. +919452972971

### **3. Dr. S. C. Jaiswal**

Professor , MED, M. M. M. University of Technology, Gorakhpur

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## **Personal Information:**

Mother's Name:	Gayatri Devi
Father' Name:	Ravindra Kishor Singh
Date of Birth:	25 <sup>th</sup> May 1990
Gender:	Male
Marital Status:	Married
Languages:	English, Hindi
Nationality:	Indian
Religion:	Hindu

**Declaration:** All the information given above is true and accurate to the best of my knowledge & belief.

**Date:** 15-02-2024

**Place:** Gorakhpur

**(Amit Kumar Singh)**