

## **CURRICULUM VITAE**

**DR. RAM SAJEEVAN**

**Lecturer**

Department of Mechanical Engineering,

Mahamaya Polytechnic of Information Technology, Anaugi Kannauj – 209733 (U. P.), INDIA

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### **Career Objective:**

To work and create an atmosphere where I can improve my skills and work towards organizational goals as well as National Growth.

### **Personal Details:**

**Date of Birth** : 10<sup>th</sup> Nov., 1984  
**Place of Birth** : 321, Jorawarpur, Naubasta (Bhaupur), Kanpur Dehat (U. P.), India  
**Sex** : Male  
**Nationality** : Indian  
**Religion** : Hindu  
**Father's Name** : Late Sri D.P. Kamal  
**Mother** : Late Smt. Sonkali  
**Passport No.** : Z2630986  
**Blood Group** : B<sup>(+ve)</sup>  
**Marital Status** : Married  
**Wife** : Neetu Singh  
**Children** : Anvi (Daughter), Advit (Son)

### **PROFESSIONAL QUALIFICATION:**

- **Doctor of Philosophy (Ph.D.)** in Mechanical Engineering (Advanced Machining) from **Motilal Nehru National Institute of Technology Allahabad (Prayagraj)** in 2022.
- **Master of Technology (M. Tech.)** in Manufacturing Science & Technology from **Bundelkhand Institute of Engineering & Technology, Jhansi.** (Affiliated to UPTU) in 2014.
- **Bachelor of Technology (B.Tech)** in Mechanical Engineering from **Pranveer Singh Institute of Technology, Bhauti, Kanpur** Affiliated to Uttar Pradesh Technical University, Lucknow in 2008.
- **Three Years Diploma in Agriculture Engineering** from **Jawahar Lal Nehru Polytechnic Mahmudabad (Sitapur)** affiliated to Board of Technical Education Lucknow in 2005.

### **Professional Training:**

Title	Duration	Organized at	Sponsored by
Summer training (Four Week) on tractor and other agricultural equipments.	Aug. 1- 30, 2004	Central Farm Machinery Training and Testing Institute, Budni, Madhya Pradesh	CFMTTI, Budni
Summer training (Four Week) on thermal power plant.	July 05 – Aug.1, 2007	Panki Thermal power Station Kanpur	PTPS, Panki Kanpur
TEQIP-III Sponsored One Week Short Term Course on Advances in Materials and Manufacturing.	Oct. 12 – 16, 2018	M.N.N.I.T. Allahabad.	TEQUIP-III
Induction Training Program	Sep. 02 – 06, 2019	IRDT Kanpur	IRDT

Developing Strategic Leadership among Students.	Sep. 24 – 28, 2019	IRDT Kanpur	IRDT
FDP on Robotic and Automation	Feb 08-12, 2021	Online	ALTTC Ghaziabad/IRDT
Industrial IoT and Robotics	Nov. 22-27, 2021	Online	NITTTR, Chandigarh
Designing and Machining Tool Path generation for New Product Development	Dec. 20 – 24, 2021	Online	NIT Kurukshetra/IRDT
Introduction to Futuristic Research and Innovation	Feb. 07 – 11, 2022	Online	IIT Kanpur
Embedded Artificial Intelligence.	March 21 – 26, 2022	Online	NITTTR, Chandigarh
Industrial Applications of Mechatronics: System Engg. & Mechanical, Electrical and Pneumatic Components.	May 23 – 27, 2022	Online	NIT Kurukshetra/IRDT
3-D Printing	Nov. 19-23, 2022	Online	IIT Patna/IRDT
U.H.V.	Nov.28 – Dec 02, 2022	IRDT Kanpur	IRDT

**Employment Details:** Teaching Experience – Approx. 08 years

Organization	Position Held	Period		Functional Activities
		From	To	
Mahamaya Polytechnic of Information Technology, Anaugi Kannauj	Lecturer	May, 2018	Till date	Teaching/ Administration
Krishna Institute of Technology, Kanpur	Assistant Professor	October , 2014	November, 2015	Teaching/ Administration
Bhabha College of Engineering, Kanpur Dehat	Assistant Professor	June 2009	September 2010	Teaching/ Administration
Kali Charan Nigam Institute of Technology, Banda	Lecturer	August 2008	May 2009	Teaching

**Subject Taught:**

- Engineering Mechanics.
- Workshop Technology.
- Theory of Machine.
- I.C. Engine.
- Machine Design.
- Industrial Engineering.
- Production Engineering.
- Automobile Engineering.
- Computer Aided Manufacturing.

**Administrative/ Academic/ Professional Responsibilities:**

- President (Working President) of Training and Placement Cell (Since 2018) at MMIT Anaugi Kannauj.
- President (Working President) of Academic Cell (Since 2022) at MMIT Anaugi Kannauj.
- Department-in-Charge of Mechanical Engineering Branch (Since 2018) at MMIT Anaugi Kannauj.
- President of AICTE committee for maintaining/representing the norms for diploma courses (Since 2021) at MMIT Anaugi Kannauj.
- President of Security/Gardening committee (Since 2018) at MMIT Anaugi Kannauj.
- Officer-in-Charge of Hydraulics Laboratory and Applied Mechanics Laboratory (Since 2018) at MMIT Anaugi Kannauj.

## List of Research Publications:

### Journals

1. **Ram Sajeevan**, Avnish Kumar Dubey, "Machining Quality Comparison of Al-TiB<sub>2</sub> Composite Using Conventional EDM and Magnetic Force-assisted Powder-mixed EDM", *Advances in Materials and processing Technologies* 8 (3) (2022) 3057-3073. - (Taylor & Francis).
2. **Ram Sajeevan**, Avnish Kumar Dubey, Ajit Kumar Singh, Pankaj Kumar Shrivastava, "AI-based Modeling and Optimization of Magnetic Force Assisted Powder Mixed EDM", *International Journal of Abrasive Technology* 11(1) (2022) 17-32. - (Inderscience.)

### Conferences Proceedings

3. Vijay Verma and **Ram Sajeevan**, Multi process parameter optimization of diesinking EDM on titanium alloy (Ti6Al4 V) using Taguchi approach, *Materials Today Proceedings* 44 (2) (2021) 2993-2996. - (Elsevier).
4. **Ram Sajeevan**, Avnish Kumar Dubey, "Experimental Study of Magnetic Force-assisted Powder-mixed EDM", *Materials Today Proceedings* 44 (1) (2021) 930-934. - (Elsevier).
5. **Ram Sajeevan**, Avnish Kumar Dubey, "Parametric Study of Die-Sinking Electric Discharge Machining on Aluminium Based Metal Matrix Composite", *Materials Today Proceedings* 44 (2) (2021) 2993-2996. - (Elsevier).
6. **Ram Sajeevan**, Avnish Kumar Dubey, "Experimental Study on Indigenously developed Magnetic Force-assisted Powder-mixed EDM Set-up of Al based MMC" *Advances in Materials and processing Technologies* 8 (sup3) (2022) 585-595. (Taylor & Francis).
7. **Ram Sajeevan**, Avnish Kumar Dubey, "Experimental Investigation of Magnetic Force-assisted Powder-mixed EDM for Aluminium Based Metal Matrix Composite," 2022 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), Kuala Lumpur, Malaysia, (2022) 1449-1453, doi: 10.1109/IEEM55944.2022.9989594.
8. **Ram Sajeevan**, Avnish Kumar Dubey, "Study of Surface Quality in Rotating Magnetic Force-assisted Powder-mixed EDM of Metal Matrix Composite", *Indian Journal of Engineering and Materials Sciences (IJEMS)* - Submitted.

## Achievements:

- N.C.C "C" Certificate in armed wing.
- First Merit Holder in Polytechnic
- GATE-2013 Exam Qualified.

## Academic Project and Thesis Work:

- Ph.D. Thesis Entitle: Experimental Investigation on Magnetic Force-assisted Powder-mixed Electric Discharge Machining of Metal Matrix Composite
- M.Tech. Thesis Entitle: Thesis on Optimization of Process Parameter of Titanium Alloy (Ti6Al4V) On Die-Sinking Electric Discharge Machine using TAGUCHI'S Method.
- B.Tech. project Entitle: Design, fabrication and Testing of Abrasive Jet Machine.
- Diploma Project Entitle: Design, Fabrication and Testing of Animal Drawn Mould Board Plough.

## Personal Traits:

- Positive Attitude.
- Flexible Nature.
- Goal Oriented.
- Optimistic.

**Date: 17.01.2023**

**Place: Kannauj**

**Dr. Ram Sajeevan**