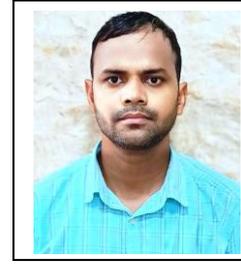


RESUME

Discipline : Mechanical Engineering
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• Qualifications

Degree	Year	Board/University	Status of Degree
PhD	2023	Jadavpur University, Kolkata, West Bengal	Awarded
PG (M.Tech.)	2014	National Institute of Technology, Rourkela, Odisha	Passed
UG (B.Tech.)	2011	Gautam Buddha Technical University, Lucknow, U. P. /B. B. I. E. T. & R. C., Jahangirabad, Bulandsahar, U. P.	Passed
Intermediate	2004	Harish Chandra Inter College, Varanasi, (affiliated to U. P. Board)	Passed
High School	2001	Harish Chandra Inter College, Varanasi, (affiliated to U. P. Board)	Passed
AICTE-QIP-PG-Certificate Program in AI & ML	2025	Indian Institute of Information Technology, Lucknow, Uttar Pradesh	Completed
AICTE QIP PG Certificate Programme in Advances in Robotics: Process, Application & Technology	2026	Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh	Completed

• Experience

➤ **Total (12 Years):**

S.N.	Designation	From	To	Organization /institution
1.	Lecturer	01/July/2011	24/July/2012	DPG Institute of Technology and Management, Gurgaon, Haryana
2.	Assistant Professor	09/Feb/2015	23/July/2015	Poornima College of Engineering, Jaipur, Rajasthan
3.	Assistant Professor, Head of Department	01/Aug/2015	Working	Ashoka Institute of Technology and Management, Varanasi, U. P.

- **Publication**

Total No. of Publications: 12

Total No. of Publications in SCI/ABDC Journal: 02

Total No. of Publications in Scopus/WOS indexed Journal: 09

Total No. of Publications **as first author**: 07

Total No. of Publications in SCI/ABDC Journal **as first author**: 02

Total No. of Publications in Scopus/WOS indexed Journal **as first author**: 03

Publications

- **Rajiv Kumar Yadav**, Kumar Abhishek, Siba Sankar Mahapatra, A Simulation Approach for Estimating Flank wear and Material Removal Rate in Turning of Inconel 718, *Simulation Modelling Practice and Theory*. Vol. 52, 2015, pp. 1-14. (*SCI Journal*)
- **Rajiv Kumar Yadav**, Suman Chatterjee, Kumar Abhishek, Siba Sankar Mahapatra, Assessment of Machinability of Inconel 718: A Comparative Study of CVD and PVD coated tools, *Indian Journal of Engineering and Materials Sciences*, Vol. 26, October-December 2019, pp. 281-297. (*SCI Journal*)
- **Rajiv Kumar Yadav**, Anadh Gandhi, Kumar Abhishek, Siba Sankar Mahapatra, Goutam Nandi, Effect of Feed and Nose radius on various machinability criteria in dry machining of Inconel 825, *Materials Today: Proceedings*, Vol. 18 (2019), pp. 5231-5239. (*Scopus Journal*)
- **Rajiv Kumar Yadav**, Anadh Gandhi, Kumar Abhishek, Siba Sankar Mahapatra, Goutam Nandi, Machining Performance Optimization for Turning of Inconel 825: An integrated Optimization Route Combining Grey Relation Analysis with JAYA and TLBO, *International Journal of Innovative Technology and Exploring Engineering*, Volume-8 Issue-10, August 2019, pp. 1-7. (*Scopus Journal*)
- **Rajiv Kumar Yadav**, Kumar Abhishek, Siba Sankar Mahapatra, Goutam Nandi, A study on machinability aspects and parametric optimization of Inconel 825 using Rao1, Rao2, Rao3 approach, *Materials Today: Proceedings*, Vol. 47 (2021), pp. 2784-2789. (*Scopus Journal*)
- Suman Chatterjee, Kumar Abhishek, **Rajiv Kumar Yadav**, S.S. Mahapatra, Optimization of Drilling Process Parameters by Harmony Search Algorithm, *IEEE Xplore-Recent Advances and Innovations in Engineering (ICRAIE)*, DOI: 10.1109/ICRAIE.2014.6909278.
- Kumar Abhishek, Suman Chatterjee, **Rajiv Kumar Yadav**, Rajesh Kumar Verma, Saurav Datta, Siba Sankar Mahapatra and Pradip Kumar Pal, A Fuzzy-ICA Based Hybrid Approach for Parametric Appraisal in Machining (Turning) of GFRP Composites, *International Journal of Basic and Applied Science Research (IJBASR)*, Vol. 1(1) 2014, pp. 61-65.

- Suman Chatterjee, Kumar Abhishek, Siba Sankar Mahapatra, Saurav Datta, **Rajiv Kumar Yadav**, NSGA-II Approach of Optimization to Study the Effects of Drilling Parameters in AISI-304 Stainless Steel, *Procedia Engineering*, Vol. 97, 2014, pp. 78-84.
- Soni Kumari, Anshuman Kumar, **Rajiv Kumar Yadav**, K. Vivekananda, Optimisation of Machining Parameters using Grey Relation Analysis integrated with Harmony Search for Turning of AISI D2 Steel, *Materialstoday: Proceedings*, Vol. 5, Issue 5, 2018, pp. 12750-12756.

Book Chapter

- Soni Kumari, Din Bandhu, Anshuman Kumar, **Rajiv Kumar Yadav**, K. Vivekananda, Application of Utility Function Approach Aggregated with Imperialist Competitive Algorithm for Optimization of Turning Parameters of AISI D2 Steel, *Recent Advances in Mechanical Infrastructure*, pp. 49-57. ISBN No. 978-981-32-9971-9 (e-book)
- Anshuman Kumar, Vivekananda Kukkala, Chandramani Upadhyay, Rajiv Kumar Yadav, Experimental investigation and hybrid metaheuristic optimization using ANNMOJAYA on corner accuracy during WEDM for Ti-3Al-2.5V, pp. 1-16, ISBN No. 978-981-96-8372- 7 (e-Book)

Conference

- **4th Nirma University International Conference on Engineering**, (NUiCONE-2013)
Duration: 28th November to 30th November 2013.
Organized by: Nirma University Institute of Technology, Sarkhej, Ahemdabad, Gujarat.
Paper: Numerical Simulation and Parametric Optimization in turning of Inconel718.
- **9th ICMPC-2019**
Duration: 8th March to 10th March 2019.
Organized by: Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, Telangana 500090.
Paper: Effect of Feed and Nose radius on various machinability criteria in dry machining of Inconel 825
- **Three Day International Conference on recent advances in mechanical Engineering**, (ICRAME-2020)
Duration: 26th to 28th February 2020.
Organized by: Andhra University College of Engineering, Department of Mechanical Engineering.
Paper: An Experimental investigation of dry turning of Inconel 718 using CVD coated tool.
- **3rd International Conference on Advance in Mechanical Engineering and Nanotechnology**, (ICAMEN 2021)
Duration: 18-19 March 2021.
Organized by: Manipal University, Jaipur, Rajasthan.

Paper: A study on machinability aspects and parametric optimization of inconel 825 using rao1, rao2, rao3 approach.

Certifications:

A) Conference organized (Minimum 2 Days)

Role: Member of organizing committee

Description: 2023 IEEE World Conference on Applied Intelligence and Computing (AIC 2023)

Jointly Organized by Rajkiya Engineering College, Sonbhadra, India & Ashoka Institute of Technology and Management, Varanasi, India

Date: 29 July 2023 to 30 July 2023

B) Workshop organized (5 Days)

Role: Convener

Description: One week Faculty Development Program (FDP) on ‘**Modern Optimization Techniques for Engineering and Scientific Applications**’ from **25 th June to 29 th June 2018**, organized by Department of Mechanical Engineering, Ashoka Institute of Technology and Management, Varanasi, Uttar Pradesh.

Personal Profile

Father’s Name : **Bachchu Singh Yadav**
Marital Status : **Married**
Permanent Address : **S/O Sri Bachchu Singh Yadav,**
SA-10/65-M-15-F, Buddhanagar Colony, Ganj,
Sarnath, Varanasi-221007, Uttar Pradesh, India

Declaration

I hereby declare that information mentioned above is true to the best of my knowledge.

Date :

Dr. RAJIV KUMAR YADAV

Place : **Varanasi**