

## Curriculum Vitae



**Dr. Rahul shukla**

**(Ph. D)**

**Assistant professor**

**Department of Mechanical Engineering**

**I.E.T Bundelkhand university jhansi (INDIA)**

**Emails:**rahul\_shukla97@yahoo.com

**Broad area of specialization:** Mechanical Engineering

**Specific areas of specialization:** manufacturing science, Nanofluids, machining .

**Mailing Address:**

759 shivaji nagar jhansi

284001

**Academic Credentials:**

. **Ph. D from A.K.T.U Lucknow Thesis title(Enhancement of metal cutting performance using various nanofluid-based cutting fluid)2022**

- M.Tech from B.I.E.T Jhansi in Manufacturing science and technology (2013 )
- Thesis title-(Temperature and surface behavior of HSS-M2 in dry grinding process)
- B.Tech. Mechanical Engineering, from M.P.C.T ,Gwalior (2010)

**Professional Experience:**

**Assistant Professor**, from October 2013 Exp-10 years

Mechanical Engineering Department (Institute of Engineering & Technology, Bundelkhand University, Jhansi, Uttar Pradesh)

**Guest Lecturer**, 2012-2013

Mechanical Engineering Department (Bundelkhand Institute of Engineering & Technology, Jhansi, Uttar Pradesh)

**Administrative Responsibilities:**

- Coordinator Training and placement cell (IET) 2022,
- Member stride project core committee
- Assistant evaluation incharge 2021
- Member BOS 2022.
- Public relation officer 2019-2021 in TEQIP-III
- Media coordinator 2018-2021 in TEQIP-III
- Incharge flying squad at district level during 2018
- Assistant Proctor bundelkhand university 2018-2019
- Assistant incharge of online counselling university campus 2018
- Assistant incharge Btech counselling 2018
- Member scrutiny committee 2016
- Observer B-ED entrance exam 2017, 2018, 2022
- Observer P-hd entrance exam
- Protocol officer during vice chancellors meeting

- B-ED exam bu representative

### **Achievements and Awards**

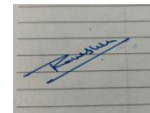
- Awarded with bharat vikas award in 2016

### **International journal papers published/communicated:**

- (1)R SHUKLA,A K TIWARI,S AGARAWAL[Effects of surfactant and MoO<sub>3</sub> nanofluid on tribological and machining characteristics in minimum quantity lubrication \(MQL\)-turning of AISI 304 steel](#),Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering(SCI)
- (2)R SHUKLA,AK TIWARI,S AGARAWAL[Assessment of machining performance parameters of nanofluid-based MQL-turning: An experimental analysis and CFD modelling](#)Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering(SCI)
- (3)Syed Asghar Husain Rizvi <sup>a</sup>, Sanjay Agarwal <sup>b</sup>, Aman Singh <sup>b</sup>, Udit Bhardwaj <sup>b</sup>, Rahul Shukla <sup>c</sup>[Modeling of Black Layer and Tool Wear in EDM of AISI 4340 using Cu-W electrode](#)PROCEDIA CIRP
- (4)Brajesh Kumar Lodhi, Rahul Shukla, “Experimental analysis of on Turning parameters for Surface roughness and MRR” Journal of Emerging Technologies and Innovative Research (JETIR), Volume 1, Issue 6, November 2014, pp. 554-557,(ISSN-2349-5162).
- (5) Rahul Shukla and Brajesh lodhi “Experimental Analysis of Machining parameters in WEDM of AISI D3 steel Using Taguchi Method”, Applied Mechanics and Materials, Vols. 799-800, (2015), pp 343-350.
- (6)Brajesh Kumar Lodhi, Deepak Verma, Rahul shukla “Optimization of machining parameters in EDM of CFRP Composite using Taguchi Technique”, International Journal of Mechanical Engineering & Technology, Volume 5, Issue 9, September 2014, pp. 70-77 , ISSN 0976 – 6340 (Print), ISSN 0976 – 6359 (Online)

### **Conference papers presented/communicated:**

Brajesh Kumar Lodhi and Rahul Shukla, “Experimental Analysis of Machining parameters in WEDM of AISI D3 steel Using Taguchi Method”, Paper no. (V2001), 2nd International Conference on Manufacturing and Industrial Technologies, (ICMIT 2015), March 28 29, 2015, Pattaya, Thailand. Publisher: scientific.net



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Place: jhansi