

## CURRICULUM VITAE



### **Dr. ANKIT ASTHANA**

**Designation:** Associate Professor

**Department:** Mechanical Engineering

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**ACADEMIC/INDUSTRIAL EXPERIENCE:** - 18 Years

**QUALIFICATION:** - Ph.D.(Mechanical Engineering)

**Area of Interest:** -Machine Design, Theory of Machines, Mechatronics, Composites, Manufacturing Processes, Industrial Engineering

#### **Research Publications:**

1. Ankit Asthana et al. "Development and mechanical properties evaluation of environmentally sustainable composite material using various reinforcements with epoxy". *Case Studies in Construction Materials*, Volume 21, 2024, e00624, ISSN 2214-5095, <https://doi.org/10.1016/j.cscm.2024.e00624>.
2. Ankit Asthana et al. "Mechanical, Surface and Wear Analysis of Hybrid AA6062Reinforced with Boron Carbide and Potashio Shell Powder Composite Developed Using Stir Casting Technique". *SAGE, Journal of Mechanical Engineering Science*.
3. Ankit Asthana et al. (2022), An Interpretive structural modelling approach to lean manufacturing obstacles, *International Journal of mechanical Engineering*, Vol 7(5), 81-88.
4. Ankit Asthana, Vivek Srivastava (2021), Analysis of mechanical strength and Young's modulus of ultrasonically functionalised CNT-epoxy composites, *Advances in Materials and Processing Technologies*, 7 (2), 1105-1112. (Citation-, Impact factor-1.56)
5. Ankit Asthana and Vivek Srivastava (2021), Mechanical behavior of silk/fiberglass/wood – Epoxy composite, *Elsevier's- Materials Today*, 44 (P1), 2228-2231. (Citation-1, Impact factor-1.24)
6. Ankit Asthana and Vivek Srivastava (2021), Hardness and Impact Strength of Glass Fiber/Coir – epoxy composite, *Journal of Interdisciplinary Cycle Research*, 13, 434-440.
7. Ankit Asthana and Vivek Srivastava (2021), Hardness and Impact Strength of Silk/Fiberglass-epoxy Composite, *International Journal of Fracture and Damage Mechanics*, 7(1), 34-38.