


CURRICULUM VITAE

Name	Mr. Pramod Prabhakar Bijalwan		
Department	Mechanical Engineering		
Designation	Assistant Professor		
Mobile	7003348055		
			
Email	<i>Pramodbijalwan9@gmail.com</i>		
Educational Qualification	B. Tech (Graphic Era University) M. Tech (IEST Shibpur) Ph. D., NIT Uttarakhand (Persuing)		
Areas of Interest/ Specialization	Materials Science Engineering, Natural Fiber reinforced composites, Advance Manufacturing Process.		
Teaching Experience	1 Year	Research Experience	4 Years (JRF + SRF)
Administrative Experience: OIC Finance (IT Baun)			

Research Publications:

Journal Paper

- **Bijlwan, P. P.,** Prasad, L., & Sharma, A. (2024). Analysis of mechanical properties and free vibrational characteristics of novel Grewia optiva/basalt fiber reinforced hybrid polymer composites. Journal of Applied Polymer Science, 141(13), e55165. **(SCI, Impact Factor = 3).**
- **Bijlwan, P. P.,** Prasad, L., Sharma, A., Gupta, M. K., & Kumar, V. (2023). Experimental study on the mechanical and hygroscopic properties of alkaline-treated Grewia optiva/basalt fiber-reinforced polymer composites. Biomass Conversion and Biorefinery, 1-11. **(SCI, Impact Factor = 4).**
- **Bijlwan, P. P.,** Prasad, L., Sharma, A., & Kumar, S. (2023). Taguchi optimized sliding wear behavior and hardness of novel Grewia optiva/Basalt fiber reinforced hybrid polyester composites. Journal of Applied Polymer Science, 140(30), e54106. **(SCI, Impact Factor = 3).**
- Kumar, S., Prasad, L., **Bijlwan, P. P.,** & Yadav, A. (2022). Thermogravimetric analysis of lignocellulosic leaf-based fiber-reinforced thermosets polymer composites: an overview. Biomass Conversion and Biorefinery, 1-26. **(SCI, Impact Factor = 4).**
- Sarkar, S., **Bijalwan, P.,** Santra, A., Ghorai, U. K., & Banerjee, D. (2020). Europium-doped g-C₃N₄: An efficient remover of textile dyes from water. Semiconductor Science and Technology, 35(9), 095008. **(SCI, Impact Factor = 2.048).**

Conference Paper

- **Bijlwan, P. P., Prasad, L., & Sharma, A. (2023).** Numerical investigation to predict the elastic properties of natural fiber-reinforced composite using homogenization technique. In *Emerging Trends in Mechanical and Industrial Engineering: Select Proceedings of ICETMIE 2022* (pp. 497-505). Singapore: Springer Nature Singapore.
- **Bijlwan, P. P., Prasad, L., & Sharma, A. (2021).** Recent advancement in the fabrication and characterization of natural fiber reinforced composite: A review. *Materials Today: Proceedings*, 44, 1718-1722.

National Level Exam

- Qualified GATE (2016, 2017, 2018, 2019, 2020, 2021).

FDP/Online Course

- Participated in five days short term training program on “Advanced Computational Techniques in Engineering Science & Mechanics” at National Institute of Technology Uttarakhand.
- Participated in a workshop on “Intellectual Property Right” Organised by HNB Garhwal University.
- Participated in AICTE Training and Learning (ATAL) Academy Faculty Development Program On Hydropower Engineering and Technology From 20/11/2023 to 25/11/2023 at THDCIHET.

Awards and Achievements

- Published more than 8 Publications in various reputed Journals, International conferences and Book chapter.
- MHRD Scholarship for Ph. D. Research work from 2020 onwards.
- MHRD Scholarship for M. Tech program from 2017- 2019.
- Qualified GATE (2016, 2017, 2018, 2019, 2020, 2021).
- Participated in Regional level Volleyball competition.
- Active Partition in Scout and Guide since 2002 to 2006.

Pramod Prabhakar Bijlwan