



Department of Mechanical Engineering

Faculty Profile				
Name of the Faculty	Dr. Pooja. Angolkar			
Designation	Associate Professor			
Contact Detail	8919925014			
Email:	pooja.angolkar@aitmbgm.ac.in			
Date of Joining	05.04.2024			
Gender	Female			
Appointment Type	Permanent (Regular)			
Institute Name	Angadi Institute of Technology and Management - Belagavi			
Academic Profile	UG	PG	Ph.D.	
	B.E. Mechanical Engineering	M.Tech. CAD/CAM	Awarded - May 2024	
Total Experience in Years	Teaching	Industry	Research	
	16	NIL	05	
Research Profile:				
Research areas	Metal Additive Manufacturing, Tribology, Machine Learning, Deep Learning, Composite materials etc			
Projects/Thesis (UG/PG/ Ph.D.)	UG		PG	
	Guided	On-going	Guided	On-going
	22	04	02	NIL
Papers Published in journals	National		International	
	04		18	
Papers Presented in Conferences/workshops	National		International	
	02		05	
Books Published / IPRs/ Patents	Nil			
H-index	Scopus	Google Scholar	Other	
	2	3	-	
Google scholar Profile	https://scholar.google.com/citations?user=WyS1GxUAAAAJ&hl=en&authuser=1			
Professional Profile:				
Professional Memberships	IEEE			
Consultancy Projects(if any)	NIL			
Awards	BEST Ph.D. THESIS AWARD in Additive Manufacturing at AMTECH 2024, December 2024, KPTO, Bengaluru. ☐ AWARD OF EXCELLENCE IN ADDITIVE MANUFACTURING – AMTECH 2023, HITEX Exhibition Center, December 2023, Hyderabad. ☐ Best Paper Award at AMMA 2023, International Conference on Advancements in Materials, Manufacturing and Automation			



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	AMRITA Vishwa Vidyapeetham, Chennai Campus. ❑ IRSD Prominent Innovative Educators Award 2023 awarded during the 10th International Conference on Interdisciplinary Research for Sustainable Development 2023 (IRSD 2023), organized by Green ThinkerZ, India, & International Institute of Organized Research (I2OR), India, on 30th May 2023 in Jamia Hamdard, New Delhi, India.
Grants fetched	- Selected for the prestigious AICTE- INAE–INFOSYS Foundation CEEE Program at IIT Madras (June 2025) in <i>Mechanical, Aerospace, and Energy Engineering</i>, and awarded a grant of ₹50,000. - Selected for the prestigious AICTE QIP PG Certificate Programme (2025–26) in Deep Learning at NITK Surathkal, under the AICTE-sponsored category.
Books published / IPRs/ Patents:	- Indira, M., Abraham Peele, K., Angolkar, P., Ram Prabhu, T. (2025). Challenges and Innovations in 3D Printed Bio-organs and Their Materials. In: Khan M., A., Singh, G., Sulaiman, S. (eds) Challenges and Innovations in 3D Printed Bio-Organs and Their Materials. Springer Tracts in Additive Manufacturing. Springer, Cham. https://doi.org/10.1007/978-3-031-90807-1_5 “Polymer Matrix Composites Processing and Characterization” - Pratibha Dharmavarapu, Pooja Angolkar, C. Sravanthi. Metro Composites Publishers, Dec-2021: ISBN: 9788195451388 “A Kind of Thermal Conductivity measuring Device for Bad Conductors.” . Intellectual Property India- applied on 06/10/2021. Patent Application Number: 202141045433
Interaction with Professional Institutions/Bodies	3