

## Dr. B Adaveesh

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### Education

	Degree	Year	Institute	Specialization
1	Ph.D	23/08/2012	Dr. MGR Educational & Research Institute, Chennai	Composite Materials
2	M.Tech.	27/01/2005	UVCE Bangalore University	Manufacturing Science
3	B.E	02/03/1991	PES College of Engineering, Mandya	Industrial Production

### Professional Experience

Sl. No.	Date (from-to)	Designation	Organization
1	11/09/2011 (Till date)	Associate Professor	Siddaganga Institute of Technology
2	05/09/2008	Assistant Professor	Siddaganga Institute of Technology
3	11/09/1995	Lecturer	Siddaganga Institute of Technology

*(Please fill in reverse order. Current designation should be at the top)*

### Positions held

*(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)*

- Project coordinator
- Timetable coordinator
- Test coordinator

### Courses Taught

#### Undergraduate Courses

- Strength of Materials
- Financial Management and Costing

- Project Management
- Production Technology
- Operations Research
- Advanced Manufacturing
- Advanced Operations Research
- Materials Management
- Research Methodology
- Operations Management
- Facilities Planning & Design
- Total Quality Management
- Engineering Economics

#### Postgraduate Courses

- Computational Methods in Engineering

#### Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1	Mahadeva Reddy	Preparation and Mechanical Characterization of Epoxy Reinforced with Pineapple Leaf Fiber, Graphite and Silicon Carbide Hybrid Composite.	24/02/2023

#### Research Areas

- Characterization of Polymer and Metal matrix composites

#### Publications

##### Journals

- Unveiling the impact of particle size on the physio-mechanical properties of eco-friendly polymer composites. Adaveesh, B., Mahesh, V., Rakesh, M., Channabasavaradhya, S.M., Disha, I.G. Iranian Polymer Journal English Edition, 2025, 34(5), pp. 689–701
- Prediction of Physico-Thermal Properties of Combined Biodiesel Blends using Waste Fish Oil and Coconut Oil. Impa, Kumar, V.S., Lakshmiddevamma, M.M., Adaveesh Basavalingappa, Basavaraju, S., Kunar, B.M. Evergreen, 2024, 11(2), pp. 787–796
- M. S. Raksha, Adaveesh Basavalingappa, Madeva Nagaral, Chandrashekar Anjinappa, B. Omprakash, Abdul Razak, Nasim Hasan, “Impact of micro graphite particles addition on the mechanical behavior of Al2011 alloy metal composites”, Engineering reports, <https://doi.org/10.1002/eng2.12746>
- Raksha MS, B A, Nagaral M, Boppana SB, Anjinappa C, Khan MS, Wahab MOA, Islam S, Bhardwaj V, Palavalasa RK, Khan MA, Razak A. Impact of Boron Carbide Particles and Weight Percentage on the Mechanical and Wear Characterization of

Al2011 Alloy Metal Composites. ACS Omega. 2023 Jun 22;8(26):23763-23771. doi: 10.1021/acsomega.3c02065. PMID: 37426234; PMCID: PMC10324077.

- B Adaveesh, G V Prabhushankar and Madeva Nagaral (2023). "Tribological and tensile behaviour of Si<sub>3</sub>N<sub>4</sub> reinforced Cu-Sn Matrix composites", Materials physics and mechanics, 2023, 51(x), [http://dx.doi.org/10.18149/MPM.51x2023\\_x](http://dx.doi.org/10.18149/MPM.51x2023_x)
- Reddy, M., Adaveesh, B., & Nagaral, M. (2022). Effect of silicon carbide and pine apple leaf fibre on wear rate of graphite reinforced polymer matrix composites. International Journal of Vehicle Structures & Systems, 14(4), 481-484. doi:<https://doi.org/10.4273/ijvss.14.4.13>
- Reddy M., Adaveesh B., Mohan Kumar T.S., Nagaral M, "Tensile And Flexural Behaviour of Graphite Filler Particles and Pineapple Leaf Fiber (Palf) Reinforced Polymer Composites", Metallurgical and Materials Engineering (2022), Vol. 28, ISSUE. 1, PP. 141 - 155, DOI. 10.30544/659.
- Adaveesh B., Kumar M., Deeepa T.S, "Processing and property evaluation of nano Al<sub>2</sub>O<sub>3</sub> reinforced copper- 5% tin composites for bearing applications", International Journal of Recent Technology and Engineering (2019), Vol.8, Issue. 2 Special Issue 8, PP. 1027 -1032, DOI. 10.35940/ijrte.B1007.0882S819.