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Education

Sl No	Degree	Year	Institute	Specialization
1	Ph.D	2011	Dr. MGR University, Chennai	Chilled alloy steel
2	M.Tech.	1998	KREC, Surathkal, Mangalore University	Advanced Manufacturing Engineering
3	B.E	1991	SIT, Tumkur, Bangalore University	Mechanical Engg

Professional Experience

Sl No.	Date	Designation	Organization
1	2011 to Till date	Associate Professor	SIT, Tumkur
2	2008 to 2010	Assistant Professor	SIT, Tumkur
3	2005 to 2008	Selection Grade Lecturer	SIT, Tumkur
4	2000 to 2005	Senior Lecturer	SIT, Tumkur
5	1990 to 2000	Lecturer	SIT, Tumkur

Positions held

- Assistant Controller of Examinations, SIT, Tumkur
- Deputy Warden, SIT Group of Hostels, SIT, Tumkur
- Transportation Co-ordinator, SIT, Tumkur
- Department Time table Co-ordinator, SIT, Tumkur

Affiliations of Professional organizations

- Member, ISTE (The Indian society for Technical Education - LM26448)
- Member, IIM (The Indian Institute of Metals - LM35631)
- Member, SFA (Society For Failure Analysis - FLM-SFA-0082)
- Member TSI (Tribology Society of India)

Courses Taught

Undergraduate Courses

- Metal Casting and Joining Processes
- Operations Research
- Engineering Materials and Metallurgy
- Mechanical Engineering Science
- Research Methodology and IPR
- Manufacturing Processes
- Computer Aided Engineering Drawing
- Machine drawing

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1	Gopal Krishna U B	Preparation and Evaluation of Mechanical and Wear Properties of Al-7075 Reinforced with WC-Co Hybrid Metal Matrix Composites	2023

Research Areas

Chilled Steels

- Composite materials

Publications

Journals

- Effect of cobalt and tungsten carbide particles inclusions into the aluminium composite on the hardness and wear properties, Gopal Krishna U.B.;Vasudeva B.;Auradi V.;Nagaral M., Materials Physics and Mechanics, Volume 51, Year 2023, Pages 99-106, DOI:10.18149/ MPM.5152023_10
- Mechanical characterization and tensile fractography of Al7075-WCP-CoP composite, Gopal Krishna U.B.;Vasudeva B.;Auradi V.;Nagaral M., Article Frattura Ed Integrita Strutturale, Volume 16, Year 2022, Pages 283-290, DOI:10.3221/IGF-ESIS.60.20
- Preparation and Evaluation of Hardness and Wear Properties of WC-Co Particulates Reinforced 7075Al Composites, Gopal Krishna U.B.;Vasudeva B.;Auradi V.;Nagaral M.,Article Journal of Mines Metals and

Fuels, Volume 70, Year 2022, Pages 167-174, DOI:10.18311/jmmf/2022/32038

- Microstructure and Wear Behaviour of Matrix Al7075 Reinforced with Micro Wc-Co Particulate Composite Processed by Stir Casting Method, Gopal Krishna U.B.;Manoj Kumar D.;Naveen A.;Naveen H.R.;Nikhil H.S.;Auradi V.;Vasudeva B.;Boppana S, Conference Paper IOP Conference Series Materials Science and Engineering, Volume 1013, Year 2021, DOI:10.1088/1757-899X/1013/1/012020
- Effect of Percentage Variation on Wear Behaviour of Tungsten Carbide and Cobalt Reinforced Al7075 Matrix Composites Synthesized by Melt Stirring Method, Krishna U.B.G.;Vasudeva B.;Auradi V.;Nagaral M., Journal of Bio and Tribo Corrosion, Volume 7, Year 2021, DOI:10.1007/s40735-021-00528-1
- Influence of WC-Co addition in the improvement of mechanical properties of aluminium matrix composite via liquid metallurgy route, Gopal Krishna U.B.;Pavan S.M.;Jyothi S.;Somashankar X.;Shetty N.;Auradi V.;Vasudeva B. Conference Paper Materials Today: proceedings, Volume 27, Year 2020, Pages 1723-1727 DOI:10.1016/j.matpr.2020.03.648
- Studies on dry sliding wear characteristics of Cermet WC-Co particulate reinforced Al7075 metal matrix composite, Gopal Krishna U.B.;Ranganatha P.;Rajesh G.L.;Auradi V.;Mahendra Kumar S.;Vasudeva B., Materials Today: Proceedings, Volume 16, Year 2019, Pages 343-350, DOI:10.1016/j.matpr.2019.05.100
- Processing and Microstructural Characterization of Cermet-Reinforced Aluminium Matrix Composite by Solidification Process, Gopal Krishna U.B.;Auradi V.;Vasudeva B.;Kori S.A., Transactions of the Indian Institute of Metals, Volume 71, Year 2018, Pages 2851-2854, DOI:10.1007/s12666-018-1432-7
- Processing and Evaluation of Microstructure & Physical Properties of Al7075 Reinforced with Cermets by Stir Casting Route, Gopal Krishna U.B.;Ajay Kumar N.L.;Vishal V.K.;Salimath V.V.;Kappadi S.S.;Hadimani S.S.;Auradi V.;Va, IOP Conference Series: Materials Science and Engineering, Volume 404, Year 2018, DOI:10.1088/1757-899X/404/1/012033
- Microstructural evolution in WC-Co cermet reinforced - Al7075 metal matrix composites by stir casting, Gopal Krishna U.;Ranganatha P.;Auradi V.;Mahendra Kumar S.;Vasudeva B., IOP Conference Series: Materials Science and Engineering, Volume 149, Year 2016, DOI:10.1088/1757-899X/149/1/012090