Annexure -1

Faculty Profile

Faculty	**Dr. Anjan Babu V A** **Assistant Professor – Department of Mechanical Engineering** East Point College of Engineering & Technology
	Dr.Anjan Babu V A holds a Ph.D, Materials in Mechanical engineering from University Visvesvaraya College of Engineering, Bengaluru, M.Tech (Design Engg) Degree from Dayanand Sagar College of Engineering, Bengaluru and B.E. from PES Institute of Technology, Bengaluru under Visvesvaraya Technological University Belgaum. He has worked at organizations such as Hi-Tech Air Power Pvt Ltd, Bangalore and Kaizen Industries Ltd, Bengaluru. Currently working in East Point College of Engineering and Technology from past 12 years. A dedicated, passionate at teaching and enthusiastic in learning new skills. With more than 17 years of experience in organizations, academic and administrative roles. Has published more than 15 publications in Peer reviewed and refereed Journals
	Publications
	Books Chapter
	Journals • Mechanical characterization of Al2030 alloy and B4C particula reinforced composites", International Journal of Computatio Engineering Research, 8, 9, 2018. • Hardness and Tensile Behavior of Al2030 Alloy and 9 wt.% of I Reinforced Composites", International Journal of Manageme Technology And Engineering, Volume IX, Issue V AUGUST/2019,ISSN NO : 2249-7455. • Microstructure, Tensile and Flexural Strength of Boron Carbide Particles Reinforced Al2030 Alloy Composites,***Indian Journal of Science and Technology***.2021;14(28)2342-2350. • • Microstructural Characterization and Wear Behavior of 12 wt. % of Boron Carbide Reinforced Al2030 Alloy Composites accepted *in* ***Materials Today Proceedings.****MATPR-D-21-07472R1.* • Mechanical and Wear Characterization of Boron Carbide Particles Reinforced Al2030 Alloy Composites Developed by Two Stage Stir cast Method, Accepted for Publication in the Journal of **Advances in Materials and Processing Technologies (Taylor and Francis Journal)** on 25th April 2022. • Automotive Crash Box Performance Analysis During Frontal Rigid Barrier Crash Simulation

Annexure -2

	Patents
	• Optimization Of Human Manpower Using Robotics- Based Iot System in the Field Of Agriculture.
	Conferences
	• *Automotive Crash Box Performance Analysis During Frontal Rigid Barrier Crash Simulation"* at a National Level conference held at Tumkur. • *Hardness and tensile behavior of Al2030 alloy and 9 wt. % of B_4C reinforced composites"* in the National Conference on Science, Engineering and Management, organized by The Oxford College of Engineering, Bengaluru, held on 8th and 9th of May 2019 • *Mechanical characterization of Al2030 alloy and B_4C particulates reinforced composites*" in the National Conference organized by the Department of Mechanical Engineering, East Point College of Engineering and Technology, Bengaluru on 11th and 12th of December 2020. • *Microstructure, Tensile and Flexural Strength of Boron Carbide Particles Reinforced Al2030 Alloy Composites*" in the International Conference on Advanced Research in Mechanical, Materials and Manufacturing Engineering, organized at Reva University, Bengaluru, held on 9th and 10th of July 2021.
	Achievements / Awards / Recognitions
	• Member of Indian Foundry Men