




Name of the faculty	Dr. Amith Kumar S J		
Designation	Asst. Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	07-08-2006		
Qualification	B.E.	PG: M.Tech., Design Engineering	Ph. D. Composite Materials
Total Experience in Years	Teaching : 19	Industry :02	Research : 15
Papers Published in Journals	International: 18	National: --	
Papers Presented in Conferences / Symposium	International: 06	National: 04	
PhD Guide, field & University	Approved PhD Guide: 7792 (VTU07197792) Visvesvaraya Technological University		
PhDs / Projects Guided	No. of Ph.D's Awarded: -- No. Ph.D's Guiding : 01	Projects at Masters Level: 21	
Books Published /IPRs/ Patents	<div>1. Engineering Graphics Book – ISBN: 9789354372841</div> <div>2. Book Chapter : Polymer Based Bio-nanocomposites: Properties, Durability and Applications - Online ISBN: 978-981-16-8578-1 Print ISBN: 978-981-16-8577-4 : Springer, Singapore</div> <div>3. Patent: 202341027281 A - CONVERSION OF FUEL POWERED CAR INTO ECONOMICAL ELECTRIC CAR WITH MANUAL GEARING SYSTEM. Intellectual property in India, Government of India. OFFICIAL JOURNAL OF THE PATENT OFFICE, ISSUE NO. 21/2023, DATE: 26/05/2023.</div> <div>4. Patent: 202341046009 A - DESIGN OPTIMIZATION OF ARECA NUT DEHUSKING MACHINE FOR IMPROVED EFFICIENCY AND HIGH PRODUCTION RATE. Patent Journal Office, Intellectual Property Rights. OFFICIAL JOURNAL OF THE PATENT OFFICE, ISSUE NO. 21/2023, DATE: 01/09/2023</div> <div>5. Patent: 202341046010 A - MULTIFUNCTIONAL MECHANISM OF ROBOTIC ARM. Patent Journal Office, Intellectual Property Rights. OFFICIAL JOURNAL OF THE PATENT OFFICE, ISSUE NO. 21/2023, DATE: 01/09/2023</div>		

Professional Memberships	<ol style="list-style-type: none"> 1. Life member (LMB2968) of Material Research Society of India, Indian Institute of Science (IISc), Bangalore. URL:https://www.mrsi.org.in 2. Life member (RSL089) of Global Academicians & Researchers Network (GARNet). https://www.rsquarel.org/ 3. Life member (LM54420) of Indian Society for Technical Education (ISTE), New Delhi. http://www.isteonline.in/
Consultancy work taken (project, company, amount)	<ol style="list-style-type: none"> 1. Successfully completed the Proposed Research Work on “Investigations on strength, wear and machining characteristics of bio-fiber based polymer matrix composites” during 2010-2012 sponsored by VTU Research Grant Scheme 2010. 2. Successfully completed the Proposed Project Work on “Design and Fabrication of Electric Quad Bike with Reverse Gear (Electric Vehicle)” during 2019-2020 sponsored by NAIN Centre, KITS-Government of Karnataka. 3. Successfully completed the Proposed Project Work on “Design and Fabrication of Electric Car” during 2021-2022 sponsored by Department of Science & Technology (DST) – Government of India through NewGen IEDC. 4. Successfully completed the Proposed Project Work on “Design and Development of Arecanut Dehusking Machine” during 2022-2023 sponsored by Department of Science & Technology (DST) – Government of India through NewGen IEDC. 5. Successfully completed the Proposed Project Work on “Development of Multifunctional AI based Robot” during 2022-2023 sponsored by Department of Science & Technology (DST) – Government of India through NewGen IEDC. <p>➤ Conducted 3rd party inspections consultancy works of Solid waste management systems, Vehicles and Mechanical Equipments purchased by City Corporation and Town Panchayaths in Shimoga District.</p>
Awards received	<ol style="list-style-type: none"> 1. “Young Researcher” Award in Research Recognition and Listing on 11-03-2022 by RSquareL - Global Academicians & Researchers Network GARnet. 2. Elsevier Reviewer Recognition Award in Materials Today: Proceedings on 03-03-2022 by Elsevier International Journals. 3. Elsevier Reviewer Recognition Award on 14-12-2022 by Elsevier Journal.
Members of BoS, BoE or any other	

Grants/Funding received (Project, agency, amount, year)	<ol style="list-style-type: none"> 1. Received a Financial Research Grants of Rs.5,00,000/- (Rupees Five Lakhs Only) from VTURGS-2010 on the Proposed Research Work “Investigations on strength, wear and machining characteristics of bio-fiber based polymer matrix composites” during 2010-2012. 2. Received a Financial Research Grants of Rs.3,00,000/- (Rupees Three Lakhs Only) from KITS – Government of Karnataka through NAIN Centre on the Proposed Project Work on “Design and Fabrication of Electric Quad Bike with Reverse Gear (Electric Vehicle)” during 2019-2020. 3. Received a Financial Research Grants of Rs.2,50,000/- (Rupees Two Lakh Fifty Thousand Only) from Department of Science & Technology (DST) – Government of India through NewGen IEDC on the Proposed Project Work on “Design and Fabrication of Electric Car” during 2021-2022. 4. Received a Financial Research Grants of Rs.2,50,000/- (Rupees Two Lakh Fifty Thousand Only) from Department of Science & Technology (DST) – Government of India through NewGen IEDC on the Proposed Project Work on “Design and Development of Arecanut Dehusking Machine” during 2022-2023. 5. Received a Financial Research Grants of Rs.2,50,000/- (Rupees Two Lakh Fifty Thousand Only) from Department of Science & Technology (DST) – Government of India through NewGen IEDC on the Proposed Project Work on “Development of Multifunctional AI based Robot” during 2022-2023. 6. Received a Financial Research Grants of Rs.8,00,000/- (Rupees Eight Lakhs Only) from VTURGS-2021 on the Proposed Research Work “Development of Geopolymeric Syntactic Foam Embedded with Hollow Microballoons as an Alternative to Portland Cement to Minimize Global Warming” in the Year 2022.
Industry Interactions, Professional Institutions, MoUs	