

Name	Mr.A.Sathish Kumar
Designation	Assistant Professor
Contact details (Phone number & Official Mail ID)	+91 9566045244, sathishkumara@stjosephstechnology.ac.in
Date of birth	29.09.1991
Qualification:	B.E., M.E. (Ph.D)
Years of Experience:	Total of 8 Years 10 Months
	Teaching: 8 Years 10 Months
	Industry: Nil
Subjects handled:	<ol style="list-style-type: none"> 1. Dynamics of Machines 2. Engineering Mechanics 3. Fluid Mechanics and Machinery 4. Engineering Graphics 5. Process Planning and cost Estimation 6. Production planning and Control 7. Manufacturing Technology 8. Kinematics of Machinery
Area of research:	Metal Matrix Composites, Welding
Guide ship Details:	Nil
Research Guidance:	Guided 20 batches of UG mechanical Students
Awards and Achievements(Journal editors):	Nil

<p>Journal Publication Details:</p>	<ol style="list-style-type: none"> 1. Sathish R, Sathish kumar A & Kumar, R. A. (2024). CORROSION AND INHIBITION STUDIES ON AISI 316 WITH AISI 410 FIBER LASER WELDED JOINTS. Bulletin of the Chemical Society of Ethiopia, 38(3), 811–823. https://doi.org/10.4314/bcse.v38i3.20. 2. Y.Brucely, Manas Ranjan Sahoo, Shubhajit Halder, M.Thiyagu, A Sathish Kumar, Investigating mechanical strength of luffa and pineapple fibre reinforced polymer composite, Materials Today Proceedings, Volume 69, Part 3, 2022, Pages 1300-1303. 3. K.Ramesh K.Gnanasekaran S. PrathapSingh, A SATHISH KUMAR, Optimization Of Turning Process Parameters In Machining Of Heat Treated Ductile Iron Bar Using Taguchi Technique, Materials Today Proceedings, Volume 22, Part 4, 2020, Pages 2316-2323. 4. P.KRISHNA KUMAR, A SATHISH KUMAR, Investigation Of Frictional Characteristics Of Laser Textured Aluminium 6061 And Aluminium 7071 Alloys Under Dry Sliding Conformal Contact In Pin On Disc Tribometer, Materials Today: Proceedings, Volume 45, Part 2, 2021, Pages 670-676. 5. P.SABARISH KUMAR, K.ARUN VASANTHA GEETHAN, S ASHWIN KANAN, A SATHISH KUMAR, Impact Of Antioxidant Performance And Emission Characteristics Of Diesel Engine, International Journal Of Pure & Applied Mathematics, Volume 8, no. 4 (2016): 207.
<p>Book and Chapter Publications:</p>	<p>Nil</p>
<p>International Conference:</p>	<ol style="list-style-type: none"> 1. Investigation of frictional characteristics of laser textured aluminium 6061 and aluminium 7071 alloys under dry sliding conformal contact in pin on disc tribometer, ICAMR 2019 at Bannari Amman Institute of Technology, Sathyamangalam.
<p>National Conference:</p>	<ol style="list-style-type: none"> 1. Effect of ethanol on Direct Flame Solid-Oxide fuel cell, NCRAMS-2019 at Rajalakshmi Institute of Technology. 2. Development Characterisation and comparison of cotton fabric reinforced and nylon Fabric Reinforced polyester composite, RIAMS'19 at Rajalakshmi Institute of Technology 3. Experimental Analysis of Microstructure and Mechanical properties of MIG Welding AA7075, National conference on Green manufacturing and Sustainable energy technology at Easwari Engineering College.
<p>Patent:</p>	<ol style="list-style-type: none"> 1. Dr. Indradeep Kumar, Manu Kumar Thakur, A Sathish Kumar 7)Mr. M. Sudhakar, Internal combustion engine using alternative fuel injection system and method thereof.- UTILITY PATENT PUBLISHED DATE :06/09/23 2. Dr. V. SAVITHIRI, Mr. R. RANJITH KUMAR, Mr. D. SAKTHIVEL, Mr. A. SATHISH KUMAR, FUEL CELL FIXTURE - DESIGN PATENT APPLICATION DATE : 25.1.2022 3. Dr.K.Rajaram , Mr.D.Sakthivel, Mr.R.Ranjith Kumar, . Mr.A.Sathish Kumar, Mr.P.Krishna Kumar A MODERN MACHINE TO EXTRACT WATER FROM AIR USING WIND ENERGY PUBLISHED DATE : 15/12/2020

<i>FDP/Workshop/STTP attended:</i>	<ol style="list-style-type: none"> 1. Advancements in additive manufacturing and nano science technology at SRM institute of science and technology from 9/10/23 to 14/10/23.\ 2. Autodesk Fusion 360 at Sri Sairam Engineering college from 01 St August to 5th August 2022 3. Futuristic Research in Mechanical at SRM Institute of Science and Technology, Ramapuram Campus from 08th August to 13th August 2022 4. Purely the fundamentals of Mechanical Engineering at Chennai Institute of Technology from 01.06.2020 to 05.06.2020/5days 5. Computational fluid dynamics and Engineering simulation at Sri SAI RAM Engineering College from 05.06.2020- 07.06.2020/ 3days 6. FDP on MECHANICAL BEHAVIOUR OF ADVANCED MATERIALS AND ITS SCOPE FOR ENGINEERING APPLICATIONS at Sri Venkateswara College of Engineering, Sriperumbudur from 10.6.2020 to 14.6.2020 7. BASIC CNC MAINTENANCE at National Skill Training Institute, Chennai from 29/4/2019 To 02/4/2019
<i>FDP/Workshop/STTP Conducted:</i>	Nil
<i>Online Courses:</i>	<ol style="list-style-type: none"> 1. Manufacturing of Composites – Nptel 2. Fundamental of Welding Science and Technology- nptel 3. Finite element modeling of welding processes – nptel 4. Advances in welding and joining technologies –Nptel 5. Manufacturing Automation - Nptel
<i>Funded Projects:</i>	Nil
<i>Consultancy work:</i>	<p>Mr. P. Krishhna Kumar, Mr.S.Ashwin kannan, Mr.A.Sathishkumar, Development of 3d Printed Orthotic Brace ,INSTA3D TECHNOLOGIES</p>
<i>Professional Body Membership:</i>	Life term Membership in INDIAN SOCIETY FOR TECHNICAL EDUCATION