

**St.Joseph's College of Engineering – Chennai 600119**  
**Department of Mechanical Engineering**  
**Faculty Information Sheet**

Staff Name	:	<b>Mr. G. Ashwin Prabhu</b>
Faculty ID	:	TME64
Designation	:	Assistant professor
Qualification	:	M.E., (PhD.)
E- Mail ID	:	ashwinprabhug@stjosephs.ac.in
Total Experience (Years)	:	7 years & 5 Months
Teaching Experience (Years)	:	7 years & 5 Months
Area of specialization	:	Engineering Design
Subjects handled in UG with Subject Code	:	ME8692 -Finite Element Analysis  CE8395 - Strength of Materials for Mechanical engineers  ME8594-Dynamics of Machinery  GE8152 -Engineering Graphics  BE8252-Basic Civil and Mechanical Engineering  GE6075-Professional Ethics in Engineering  GE6351-Environmental Science and Engineering
Subjects handled in PG with Subject Code	:	MF7104-Robot Design and Programming
Labs handled in UG with Subject Code	:	CE8381- Strength of Materials and Fluid Mechanics and Machinery Laboratory  ME8511- Kinematics and Dynamics Laboratory

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	<p>ME8682 - Design and Fabrication Project</p> <p>GE8261 - Engineering Practices Laboratory</p> <p>HS8381 - Interpersonal Skills / Listening &amp; Speaking</p> <p>HS8461 - Advanced Reading and Writing</p>
<p>Department Responsibilities Held</p>	<p>:</p> <ul style="list-style-type: none"> <li>• Higher Studies coordinator</li> <li>• Scrutinizing committee member</li> <li>• Website Updation In charge</li> <li>• Civil Service In charge</li> <li>• Exam Committee Co-In charge</li> <li>• Strength of Materials Lab Co-In charge</li> <li>• Class Counsellor (Batch 2018-2022 'C' Section)</li> </ul>
<p>Journals published</p>	<p>:</p> <p><b>Ashwin Prabhu G.</b>, N.Sathishkumar, Pravinkumar, K., Kumar, P. M., Balasubramanian, T., &amp; Sudharsan, P. L. (2020). Heat treatment and analysis of nickel super alloy for gas turbine applications. <i>Materials Today: Proceedings</i>.</p> <p>N. Sathishkumar, K Pravinkumar, <b>G Ashwin Prabhu</b>, M Siva, PL Sudharsan. Investigation of mechanical properties in Al359 hybrid metal matrix composite reinforced with SiC and fly ash. <i>Materials Today: Proceedings</i>.2020.</p> <p>Manoj Kumar, P., Elakkiyadasan, R., Sathishkumar, N., <b>Ashwin Prabhu, G.</b>, &amp; Balasubramanian, T. (2020). Performance enhancement of a domestic refrigerator with Nanoparticle Enhanced PCM over the condenser side. <i>FME Transactions</i>, 48(3), 620-627.</p> <p>B.Stalin, S.Arivukkarasan and <b>G.Ashwin Prabhu</b>, "Microstructure and Mechanical Properties Evaluation of Aluminium Matrix Reinforced with Tungsten Carbide and</p>

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		Silicon", ISSN 0973-4562 Vol. 10 No.55 (2015).
International Conference Attended	:	<p>ICTAMDMES 2020, St. Joseph's College of Engineering, International Conference, Chennai, Tamil Nadu, 20th - 21st February 2020</p> <p>2nd International Conference on Recent Trends in Metallurgy, Materials Science and Manufacturing (IMME19), 27th December- 28th December 2019, NIT Tiruchirappalli, India.</p> <p>International Mechanical Engineering Congress (IMEC-2019), 29th November- 1st December 2019, NIT Tiruchirappalli, India.</p> <p>International Conference On Mechanical Engineering Design (ICMechD 2019) held at Sri Sivasubramaniya Nadar College of Engineering (SSN) , Chennai, India on 25-16 April 2019.</p> <p>ICAAET-2015, Organized by Syed Ammal Engineering College, Ramanathapuram, Tamilnadu, India on May 14-16,2015.</p>
National Conference Attended	:	National conference on Recent Trends in manufacturing Technology RTMT-2015, Organized by Department of manufacturing engineering (DoME), College of Engineering Guindy Campus, Anna university, Chennai on 16th & 17th March 2015.
Faculty Development Programme Attended	:	<p>Finite Element Method (Jeppiaar Engg. College) from 26/11/16 to 30/11/16(5 Days).</p> <p>Fundamentals of Vibration &amp; Analysis (St. Joseph College of Engg. ) from 30/10/17 to (10 Days).</p>

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		<p>FDP on "Material Science", Organized by R.M.K College of Engineering and Technology, on 9th January 2018.</p> <p>FDP on "Strength of Materials - 1", Organized by University College of Engineering, Tindivanam from 4th to 10th June 2018.</p> <p>14 days Anna University FDP on "Design of Transmission Systems", conducted at St.Joseph's Institute of Technology, between 26/11/2018 and 08/12/2018.</p> <p>Two Weeks FDP on "The Role of Smart Materials in Digital Manufacturing and Fourth Industrial Revolution (Factories for Futures)", conducted at KCG College of Technology, between 10/10/2019 and 23/10/2019.</p> <p>6 days Anna University FDP on "Engineering Mechanics – GE8292", conducted at St.Joseph's Institute of Technology, between 18/11/2019 and 23/11/2019.</p>
Workshops Attended	:	<p>"Advanced Product Design and Development through Solid Modeling and Rapid Prototype Techniques" Conducted by the Department of Mechanical Engineering on 23rd November 2017 at SKR Engineering College, Chennai</p> <p>One Day Workshop on Third National Finite Element Developers' / Users' Meet 2018, Held at Panimalar Engineering College, Chennai on 14th December 2018.</p>
NPTEL Courses Attended	:	<ul style="list-style-type: none"> <li>• Basics of Finite Element Analysis I – 8 Weeks Course – IIT Kanpur</li> <li>• Engineering Metrology – 12 Weeks Course – IIT Kanpur - Elite</li> </ul>

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No. of UG Projects Guided	:	<ul style="list-style-type: none"><li>• Academic Year: 2017-2018 – 3 Batches</li><li>• Academic Year: 2018-2019 – 3 Batches</li><li>• Academic Year: 2019-2020 – 3 Batches</li></ul>
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