

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

<b>FacultyName</b>	Mr.K.Gnanasekaran M.E.,(Ph.D)	
<b>FacultyId</b>	TME73	
<b>Designation</b>	AssistantProfessor	
<b>E-Mail Id</b>	<a href="mailto:gnanasekarank@stjosephs.ac.in">gnanasekarank@stjosephs.ac.in</a>	
<b>Qualification</b>	UG	B.E.Mechanical Engineering
	PG	M.E. Manufacturing Engineering
	(Ph.D)	Metal Matrix composites
<b>CollegeName</b>	UG	Dhanalakshmi srinivasan college of engineering and technology
	PG	St.Joseph's college of engineering
	(Ph.D)	College of Engineering- Guindy
<b>AcademicRecord with Class Obtained</b>	UG	First Class
	PG	First Class With Distinction (University 5 <sup>th</sup> RANK)
<b>Dateof Joining</b>	17-07-2022	
<b>Teaching Experience</b>	17-07-20222 to Till Date.	
<b>Areasof specialization (Research)</b>	AdditiveManufacturing,Rapid Tooling,CompositeMaterials,Machining.	
<b>Subjectshandled in UG with Subject Code</b>	GE6152 – Engineering Graphics, GE6351 – Environmental Science and Engineering, ME6501 – Computer Aided Design, ME6602 – Automobile Engineering, , ME6703 – Computer Integrated Manufacturing Systems, GE8152 – Engineering Graphics, ME8691 – Computer Aided Design and Manufacturing, OAT551 – Automotive Systems, OAT551 –Testing of Materials, Graphics,GE1205–BasicCivilandMechanicalEngineering.	

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<b>Subjects handled in PG with Subject Code</b>	MF5102–Computer Integrated Manufacturing Systems, MF5203–Tooling For Manufacturing, MF1018–Additive Manufacturing.	
<b>Labs handled in UG with Subject Code</b>	GE6162 – Engineering Practices Laboratory, GE6261 – Computer Aided Drafting and Modeling Laboratory, ME6511–Dynamics Laboratory, ME6513–Metrology and Measurements Laboratory, ME6712–Mechatronics Laboratory, ME6611–CAD/CAM Laboratory, ME8511–Kinematics and Dynamics Laboratory.	
<b>Department Responsibilities Held</b>	Class Counsellor, Time Table Team, FM Lab Incharge, Hackathon coordinator, school Program coordinator feedback Incharge, Students completion Incharge.	
<b>Total number of Publication in International Journals</b>	<u><i>SCI, ESCI, SCOPUS, WOS &amp; UGC Indexed-22</i></u>	
<b>Publication in Proceedings of International Conferences</b>	<u><i>Chapters in Book Series-02</i></u>	
<b>Conference's Attended</b>	11	
<b>Continuous Learning Activities</b>	<u><i>FDP's Attended: 12</i></u> <u><i>GIAN Courses: 02</i></u> <u><i>NPTEL Courses Completed: 04</i></u> <u><i>Workshop's Attended: 05</i></u> <u><i>Industrial Trainings Completed: 02</i></u>	
<b>Online Webinars &amp; Guest Lecture Delivered</b>	<u><i>Webinars Organized</i></u>	07
	<u><i>Webinars Attended</i></u>	51
	<u><i>Guest Lecture Delivered</i></u>	02

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<b>Authored Text Books</b>	<p><b><u>Book Title:</u></b> “Renewable energy technology ”</p> <p><b><u>Authors:</u></b> K. Gnanasekaran.</p> <p><b><u>Volume:</u></b> 1, First Edition,</p> <p><b><u>Pages:</u></b> 200.</p> <p><b><u>ISBN:</u></b> 978-93-6786-963-</p>
<b>Industrial Projects</b>	<p>Successfully completed an industrial project on developing "3D printed sparse build hydroforming die for making thin metallic bellows" to the company Metallic Bellows (India) Pvt. Ltd 3/136, East coast road, Vettuvankeni, Injambakkam, Chennai 600115.</p>
<b>No of student projects guided</b>	UG – 15
<b>Google Scholar</b>	<a href="#">GNANASEKARAN K - Google Acadêmico</a>
<b>ORCID Id</b>	<a href="https://orcid.org/0000-0002-0480-2882">https://orcid.org/0000-0002-0480-2882</a>
<b>Scopus Author Id</b>	57255867900  <a href="#">Gnanasekaran, K. - Author details - Scopus Preview</a>
<b>Web of Science Researcher Id</b>	AAT-1608-2021 <a href="#">GNANASEKARAN K - Web of Science Researcher Profile</a>
<b>Anna University Staff Id</b>	3124149
<b>Patents Published</b>	10
<b>Reviewer in Journals</b>	<ol style="list-style-type: none"> <li>1. Materials Today: Proceedings, ISSN: 2214-7853.</li> <li>2. Journal of Polymer Bulletin, – Anna University Annexure I.</li> <li>3. Journal of scientific reports- Anna University Annexure I.</li> </ol>

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<b>Fund received</b>	<ul style="list-style-type: none"><li>• Received a fund amount of 60000 rupees from BIS for conducting a one day BIS Conclave 2025</li><li>• Received a fund amount of 39000 rupees from BIS for conducting a one day BIS Quality connect</li><li>•</li></ul>
<b>Awards or Achievements</b>	<ul style="list-style-type: none"><li>• Manufacturing Of Composites ( 8 Week course WITH ELITE SILVER )</li><li>• Introduction to Mechanical Vibration (8 week course)</li><li>• Mechanical Measurement Systems ( 8 week course with ELITE)</li><li>• Fundamentals Of Manufacturing Processes(12 week course with ELITE)</li><li>• Basics of Mechanical Engineering - 1(12 week course with SILVER ELITE TOP 2%)</li><li>• Basics of Mechanical Engineering - 2(12 week course with SILVER ELITE )</li><li>1. Product Design and Development(4 week course with SILVER ELITE</li><li>• Nptel Discipline Star Award</li><li>• Nptel Top Mentoring Award</li><li>• Acted as A Reviewer In Scientific Report Journal</li><li>• Acted as A Guest Speaker In National Level Workshop At SSN Engineering College</li><li>• Acted as A Guest Speaker In One Day Seminar At Dhanalakshmi Srinivasan College Of Engineering And Technology</li><li>• Acted as Cordinator in 24 hours hackathon in St.Joseph's college of engineering.</li><li>•</li></ul>