

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

Staff Name	:	Mr.PRAVINKUMAR KAMATCHI
Faculty ID	:	TME68
Designation	:	Assistant Professor
Qualification	:	M.E., (Ph.D)
E- Mail ID	:	kpravinkumar.mech@gmail.com , pravinkumark@stjosephs.ac.in
Total Experience (Years)	:	05 Years
Teaching Experience (Years)	:	05 Years
Industrial Experience(Years)	:	Nil
Area of specialization	:	Joining of Metals. Friction Stir Welding. Heat Treatment of Metals. Composite Materials (Mechanics, Manufacturing and Characterization). Unconventional Machining.
Subjects handled in UG with Subject Code	:	ME8501/Metrology and Measurement ME8491/Engineering Metallurgy GE8152/Engineering Graphics ME8351/Manufacturing Technology-I ME8541/Manufacturing Technology-II GE6251/Basic Civil and Mechanical Engineering
Subjects handled in PG with Subject Code	:	MF7101/Advanced Materials Technology MF5103/Advances in Casting and Welding
Department Responsibilities Held	:	Inplant/Intenship Training Incharge
Journals published	:	<ul style="list-style-type: none"> • K Pravinkumar , S Balaji , T Manichandran , M Anandakumar & G Kumaraguruparan"Oxygen

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		<p>reduction reaction of manganese oxide/graphene oxide nanocomposite" Indian Journal of Chemistry Vol. 55A, February 2016, pp. 177-181.</p> <ul style="list-style-type: none"> • N Sathishkumar, P Premkumar, AR Bruce, K Pravinkumar, PL Sudharsan "Design and analysis of an impeller of a turbocharger" International Journal of Research and Review 7 (4), 45-51,2020. • N Sathishkumar, K Pravinkumar, GA Prabhu, M Siva, PL Sudharsan "Investigation of mechanical properties in Al359 hybrid metal matrix composite reinforced with SiC and fly ash" Materials Today: Proceedings https://doi.org/10.1016/j.matpr.2020.04.024 • GA Prabhu, N Sathishkumar, K Pravinkumar, PM Kumar "Heat treatment and analysis of nickel super alloy for gas turbine applications" Materials Today: Proceedings.
International Conference Attended	:	Nil
National Conference Attended	:	Nil
Faculty Development Programme Attended/ Workshops Attended	:	<ul style="list-style-type: none"> • Attended Faculty development Programme on "Autodesk Inventor" by ICT Academy of Tamilnadu, Chennai, conducted at St.Joseph's Institute of Technology, Chennai during Jun-13th to 18th Jun 2016. • Attended Faculty development Programme on "Engineering Mechanics" conducted at St.Joseph's Institute of Technology, Chennai during 18th to 23th Nov 2019.. • Participated in Two day National Workshop on "Manufacturing Application of Micromachining

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		<p>for Automobile Components” conducted at St. Joseph's Institute of Technology during July 16 -17, 2019.</p> <ul style="list-style-type: none"> • Attended online FDP on “Welding for additive Manufacturing” from June 10-15, 2020 organized by Indian Welding Society (IWS) forum in connection with Department of Mechanical Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Tamilnadu. • Participated in the five days virtual FDP on “Welding Technology” held from 6th Jan 2021 to 11th Jan 2021, organized by Sri Sai Ram Engineering College, Department of Mechanical Engineering, Chennai.
NPTEL Courses Attended	:	<ul style="list-style-type: none"> • Introduction to Abrasive Machining and Finishing Process (April-Sep 2018). • Fundamentals of Welding Science and Technology (Jan-March 2019). • Fundamentals of Surface Engineering, Mechanisms, Processes and characterizations. (Jul - Oct 2019).
Patent details	:	Nil
No. of UG Projects Guided	:	15