Name	Mr.K.RAMESH
Designation	Assistant Professor
Contact details (Phone number & Official Mail ID)	+91 7708808411, rameshk@stjosephstechnology.ac.in
Date of birth	03.06.1987
Qualification:	M.E., (P.hD)
Years of Experience:	***12 Years***
	Teaching: 12 Years
	Industry: Nil
Subjects handled:	Engineering Thermodynamics Heat and Mass Transfer Thermal Engineering Power Plant Engineering Renewable Energy Resources Engineering Graphics Environmental Science and Sustainability
Area of research:	Biodiesel – Internal Combustion Engine
Guide ship Details:	Nil
Research Guidance:	Nil
Awards and Achievements(Journal editors):	Nil
Journal Publication Details:	1. Feasibilty of Adding Fusel oil as an oxygenate to Gasoline on reducing MPFI Engine Emissions, "Environmental Engineering and Management Journal" 2022. 2. A Comparative Study Of Combustion, Emission, And Performance Characteristics Of Rice-Bran-, Neem-, And Cottonseed-Oil Biodiesels With Varying Degree Of Unsaturation, "Elsevier – Fuel",2017. 3. Nano Coated Lead Free Solders For Sustainable Electronic Waste Management, "Brazilian Archives Of Biology And Technology", 2016. 4. Experimental Study On Modified Water Injected Four Stroke Petrol Engine, "Materials Today Proceedings",2019. 5. Experimental study of micro-EDM on EN24 steel with normal brass, tin coated brass, cryogenic treated brass tool by varying the machining parameters 6. Experimental Study Of Machining Parameters Of EN8 & EN19 Steel With Tungsten Carbide Tool By Using Conventional Lathe Machine. 7. Study Of Machining Parameters Of Micro ECM On SS304

	Steel With Nickel Coated Copper Tool 8. Optimization Of Turning Process Parameters In Machining Of Heat Treated Ductile Iron Bar Using Taguchi Technique. 9. Optimization Of Turning Process Parameters In Machining Of Heat-Treated Ductile Iron Bar Using Tic/Ticn/Al_2O_3-Coated Tungsten Carbide Tool 10. Investigation Of Machining Parameters Of Super Hardened Tool In Micro Electrical Discharge Machining.
Book and Chapter Publications:	**Nil**
International Conference:	**1.** Experimental Study of Micro-EDM on EN24 Steel with Normal Brass, Tin Coated Brass, Cryogenic Treated Brass Tool by Varying the Machining Parameters, 'ICRAEM2022", Alva's Institute of Engineering & Technology, March 2022. **2.** Experimental Study Of Micro-EDM On EN24 Steel With Normal Brass, Tin Coated Brass, Cryogenic Treated Brass Tool by Varying the Machining Parameters," ICRAMER", SRM UNIVERSITY, March 2021
National Conference:	**Nil**
Patent:	**1.** Sea Water Desalination using Solar Still
FDP/Workshop/STTP attended:	**1.** Attended one week Faculty Development Program, "Futuristic Research in Mechanical Engineering" at SRM Institute of Science and Technology, Ramapuram Campus, from 08th August to 13th August 2022. **2.** Attended Two week Faculty Development Program, "Easwari Engineering College" at Easwari Engineering College, From 7.10.22 to 20.10.22
FDP/Workshop/STTP Conducted:	**Nil**
Online Courses:	**1.** Fundamentals of Additive Manufacturing Technologies – NPTEL **2.** Fundamentals of Combustion - NPTEL **3.** Fundamentals of manufacturing processes – NPTEL **4.** Manufacturing Process Technology I & II – NPTEL **5.** Refrigeration and air conditioning - NPTEL
Funded Projects:	**Nil**
Consultancy work:	**Nil**

Professional Body Membership:	1. INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)