

PROFILE

Name and Designation : Mr.P.K.Sriraman
Assistant Professor
Department : Mechanical Engineering



Academic Qualifications:

S.No.	Degree	Specialization	University	Year of passing	% Marks	Class
1.	B.E.	Mechanical Engineering	Anna University	2012	7.04	First
2.	M.E.	Computer Aided Design	Anna University	2014	7.51	First

Teaching Experience: (9Years)

Designation	Name of the Institution	Years of experience
Assistant Professor	K.S.R. College of Engineering, Tiruchengode	01.06.2015 to till date
Assistant Professor	N.S.N. College of Engineering and Technology, Karur	09.06.2014 to 28.05.2015

Detail of Publications

1. S. Rajaganapathy, M. Periyasamy, **P. K. Sriraman**, S. Vinoth Kumar, “**Design of Compaction Device for Ti64 Alloy Powder Particles**”, International Journal of Research in Science and Technology, (IJRST) 2016, Vol. No. 6, Issue No. I, Jan-Mar (IJRST) 2016.
2. N. Thamarai Selvan, **P. K. Sriraman**, “**Hazard Identification and Risk Assessment in Blast Furnance Gas**”, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 10, Issue 4, April 2023.

Book Publication

1. A Book Titled “**Optimization of Double Pipe Heat Exchanger Using Nano-Fluids as Working Fluids**” by **Gnanavel.C, P K Sriraman, Vijay Ananth S, Ruban.M**, published by SRR Publishers in 2024.

Programs Organized

S. No.	Title of the Programme	Date(s)
1.	Advancements in NON Destructive Testing and Micro Machining Operations	05.10.2017
2.	Medical Application of Nano Engineering Materials	05.01.2018
3.	Enhancements of Solar Power Generation Using Nanomaterial	19.01.2018
4.	Current Trends in Rapid Prototyping Techniques	06.07.2018
5.	Institution of Engineers	17.06.2021

Programs Attended

S. No.	Type of Programme	Name of the Programme	Organized By	Date(s)
1.	Seminar	Medical Application of Nano Engineering Materials	K.S.R.College of Engineering, Tiruchengode	05.01.2018
2.	Seminar	Enhancements of Solar Power Generation Using Nanomaterial	K.S.R.College of Engineering, Tiruchengode	19.01.2018
3.	Seminar	Current Trends in Rapid Prototyping Techniques	K.S.R.College of Engineering, Tiruchengode	06.07.2018
4.	Faculty Development Program	Refrigeration and Air Conditioning	IIT, GUWAHATI	02.11.2018 - 06.11.2018
5.	FDP	CFD Simulation of Thermal Management of Batteries and power converters	VIT, Vellore	21.05.2020
6.	Webinar	Heat pipe applications to Solar Energy Systems	Francis Xavier Engineering College, Tirunelveli	21.05.2020
7.	Webinar	Applications of Artificial Intelligence in Manufacturing Industry	Sri Sai Ram Institute of Technology, Chennai	21.05.2020
8.	Seminar	Institution of Engineers	K.S.R.College of Engineering, Tiruchengode	17.06.2021
9.	Faculty Development Program	Essentials of Research And Publications	Easwari Engineering College, Chennai	13.03.2023- 17.03.2023
10.	Workshop	Introduction to Embedded Systems and Robotics	K.Ramakrishnan College of Technology, Tiruchirappalli	25.09.2023- 26.09.2023

Certificate Course Completed

S. No.	Name of the course	Issuing Authority	Year
1.	Using Rapid Prototyping in the Engineering Design Process	COURSEERA	2024
2.	Attention Mechanism	COURSEERA	2024
3.	Quantum Mechanics	COURSEERA	2024

Subjects Handled:

- Computer Aided Manufacturing
- Gas Dynamics and Jet Propulsion
- Design of transmission systems
- Design of Machine Elements
- Mechatronics
- Rapid Prototyping Tooling and Manufacturing
- Flexible Manufacturing Systems



Signature