


A1	Personal Details	
Mr. S.Surendar		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504, Tamil Nadu, India		
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A2	Areas of Interest
	Renewable Energy

A3	Subject Taught	
	UG	UG
	Power Plant Engineering	Gas Dynamics & Jet Propulsion
	Engineering Thermodynamics	Computer Integrated Manufacturing System
	Heat and Mass Transfer	Basic Civil and Mechanical Engineering
	Thermal Engineering	
	Fluid Mechanics and Machinery	
	Advanced I.C. Engines	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Year of Passing
M.E.	Thermal Engineering	C.M.S College of Engineering, Namakkal, TN.	Anna University-Chennai	2015
B.E.	Mechanical Engineering	Knowledge Institute of Technology, Salem, TN.	Anna University-Chennai	2013

A5	Work Experience as on Feb 2021						
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		June 2015		Present	
Total Experience	9.09 Years	Teaching	7.09 Years	Research	-	Industry	2 Years

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		2	-	-	2
Publications (Journals)					
1.	S.Surendar, L.Ajeeth, V.R.Dharanidharan, T.Karthik, N.Prabhu., Characteristics Optimization of Al ₂ co ₃ and Tio ₂ for Spur Gear, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. IV, Issue VIII, August 2018.				
2.	S. Kamalakannan, V. Karthikeyan, S. Surendar., On-Site Traffic Safety Management System In Process Industry. Advances in Natural and Applied Sciences . 10(9); Pages: 86-93 Special 2016.				
Recent Publications (Conferences)					
1.	S.Surendar, L.Ajeeth, V.R.Dharanidharan, T.Karthik, N.Prabhu., Characteristics Optimization of Al ₂ co ₃ and Tio ₂ for Spur Gear, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. IV, Issue VIII, August 2018.				
2.	S.Surendar, Experimental Investigation and shear rate Dependent viscosity of rice brain and synthetic oil of Temperature, Challenge and opportunities for Mechanical Engineering, COME- 2015 , Mechanical Engineering, Kongunadu College of Engineering & Technology, Namakkal-Trichy road, Trichy-621215, 31 st March 2015.				

A7	Highlights of Major Contributions
1.	Mechanical Department Alumni Coordinator of KIOT
2.	Centre of Excellence (CoE) Faculty Incharge for IAPMO of KIOT
3.	Faculty Incharge for R & AC Club and ISHRAE Student Chapter of KIOT
4.	Mechanical Department EFMD Co-Coordinator of KIOT
5.	KIOT-Alumni Association Salem (KIOT-AAS) - Joint Secretary
6.	KIOT-Online Exam – Overall Coordinator

A8	Training Programmes Attended
At KIOT	
1.	Attended a “Thermal Science and Materials Engineering ” Workshop organized by Srinivasa Ramanujan Institute of Technology, from 07.11.2022 to 11.11.2022 at Andhra Pradesh.(Through Virtual Mode)
2.	Attended a “Inculcating Human Values in Technical Education” Workshop organized by AICTE from 28.03.2022 to 01.04.2022 at New Delhi.(Through Virtual Mode)
3.	Attended a “Heating Ventilation & Air Conditioning” Workshop organized by NITTTR from 21.03.2022 to 25.03.2022 at Chennai.(Through Virtual Mode)

4.	Attended a “Green Campus, Energy and Environment Management Audits” Workshop organized by Nehru Arts & Science College from 07.03.2022 to 11.03.2022 at Coimbatore.(Through Virtual Mode)
5.	Attended a “Cryogenic Machining & Heat Treatment” Workshop organized by NITTTR on 08.03.2022 at Chennai.(Through Virtual Mode)
6.	Attended a “ Entrepreneurship Skill Development ” Workshop organized by Hindustan Engineering College from 21.02.2022 to 25.02.2022 at Coimbatore.(Through Virtual Mode)
7.	Attended a “Wind Energy Applications and Research Opportunities” Workshop organized by NITTTR on 16.02.2022 at Chennai.(Through Virtual Mode)
8.	Attended a “Solar Energy: Technology & Applications” Workshop organized by Saveetha College of Engineering on 09.02.2022 at Chennai.(Through Virtual Mode)
9.	Attended a “Introduction to Hybrid and Electric Vehicle Technology in Automotive Sector ” Workshop organized by MCKV Institute of Engineering College from 23.12.2021 to 30.12.2021 at West Bengal.(Through Virtual Mode)
10.	Attended a “HVAC Systems, Types Design, Energy Conservation Measures And Application” Workshop organized by Hindustan Engineering College from 23.03.2021 to 27.03.2021 at Coimbatore.(Through Virtual Mode)
11.	Attended a FDP on “Mentoring Phase –II”, organized by Knowledge Institute of Technology, from 17.03.2021 & 18.03.2021 at Salem.
12.	Attended a “Problem Solving in Energy Audit of Thermal utilities “Workshop organized by Kongu Engineering college on 06.03.2021 at Erode .(Through Virtual Mode)
13.	Attended a “Solar Energy Systems “FDP organized by HAL-IISc Skill Development Cell Centre from 04-01-2021 to 08-01-2021 at Bengaluru.(Through Virtual Mode)
14.	Attended a “ME 8493 Thermal Engineering-I “FDP organized by Mechanical Engineering from 28-12-2020 to 04-01-2021 at Sri Sai Ram Engineering College, West Tambaram Chennai. (Through Virtual Mode)
15.	Attended a “Alternate Fuels “FDP organized by ATAL Academy 21-09-2020 to 25-09-2020 at Don Bosco Institute of Technology, Bengaluru.(Through Virtual Mode)
16.	Attended a “Energy Auditing and Management “Workshop organized by Department of Energy Science from 28-08-2019 to 29-08-2019 at Periyar University Salem.
17.	Attended a “Use of ITC in Education for online and blended Learning “FDP organized by Indian Institute of Technology from 02-05-2016 to 10-07-2016 at Bombay.
18.	Attended a Workshop “Mission 10X for Engineering Faculty” from 03-02-2016 to 05-02-2016 at Knowledge Institute of Technology, Salem.

A11	Programs Organized
1.	Organized on Alumni Meet - 2K23 through KIOT-Alumni Association Salem (KIOT-AAS) at KIOT Campus on 11.02.2023
2.	Organized on 2 nd Executive Committee Meeting (ECM) through KIOT-Alumni Association Salem (KIOT-AAS) (online Mode) at KIOT Campus on 07.01.2023
3.	Organized on Technical Talk “Enhancing Competencies of HVAC&R Service Professionals” through R& AC Club and ISHRAE Hosur Chapter on 27.08.2022.
4.	Organized on Technical Talk “Causes of Environmental Pollution & Reducing Actions” through R& AC Club and ISHRAE Hosur Chapter (virtual mode) on 04.06.2022.
5.	Organized on 1 st Executive Committee Meeting (ECM) through KIOT-Alumni Association Salem (KIOT-AAS) (online Mode) on 04.02.2022
6.	Organized on Technical Talk “Causes of Environmental Pollution & Preventive Measures” through R& AC Club and ISHRAE Hosur Chapter (virtual mode) on

	05.06.2021.
7.	Organized on Technical Talk “Career Opportunities in Utilities Industry” through R& AC Club and ISHRAE Hosur Chapter (virtual mode) on 15.05.2021.
8.	Organized “Regional alumni Chapter” through virtual mode for Respective Alumni Chapter like Salem, Chennai & Bengaluru at KIOT, 2021(virtual mode).
9.	Organized “Alumni Connect- Sangamam” through virtual mode for Respective batch 2020, 2019, 2018 & 2017 at KIOT, 2020.
10.	Organized “Alumni Interaction Programme” for Mechanical Engineering Student at KIOT.
11.	Organized Hands on Training on “Solar Lamp Assembly 2019” for Mechanical Students on 02.10.2019 at KIOT.
A12	Universities Visited
1.	Anna University, Chennai
2.	Periyar University, Salem