


Name	S. MOHANAVELAN			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.			
Area of Specialization	THERMAL ENGINEERING			
Date of Joining (KSR IET)	08.06.2015			
Experience (as on 01.01.2020)	Teaching:8 Years	Industry: NIL	Others: NIL	
Number of Papers Published	National Journals : NIL		International Journals : 2	
Number of Papers Presented	National Conferences : 03		International Conferences : 02	
Books Published	National Publisher : NIL		International publisher : NIL	
Contact Details	E Mail: mohanavelan.s@ksriet.ac.in Mobile:9566848538			

Publications (International Journals)

1. S. MOHANAVALAN ,”Design And Development of Oxy –Hydrogen Engine” **International Research Journal of Engineering and Technology (IRJET)**,volume:06 issue:03/mar2019.
- 2.S. MOHANAVALAN,” Design and Analysis of Pick and Place Robot”, **International Journal of Engineering Science and Computing (IJESC)**,volume:09 issue:03/Mar2019.

Publications (National Journals) NIL

Publications (International Conferences)

1. S.MOHANAVELAN “Performance Analysis of Gasoline Engine Using HHO Gas as Fuel”, Inter National conference on KSR college of engineering,tiruchengode,19th&20th March 2019.
- 2.S.MOHANAVELAN “Charaterisation of Pyrolysis Oil Blended With Petrol”, Inter National conference on Muthayammal Engineering College,Rasipuram,30th&31st March 2018.

Publications (National Conferences)

1. S.MOHANAVELAN “Design and Analysis of Flat Plate Solar Air Dryer”, National conference on C.S.I college of engineering, Ketti ,Ooti , 24th&25th January 2020.
2. S .MOHANAVAIAN,”Design and Analysis of Pick and Place Robot”, National conference on Kongunadu College Of Engineering and Technology,Namakkal,16th March2019.
- 3.S.MOHANAVALAN “Experimental Investigation of Heat Transfer Coefficient of Nanofluids”, National conference on Nandha College of Technology,Erode,22th March-2018.

Program Attended

S.No.	Title of the Programme	Type of the Programme	Conducted by (Dept. and Institution)
1.	Piezoelectric Energy Harvesting Applications	Webinar	Department of Mechanical Engineering Paavai College of Engineering,Namakkal
2.	Emerging research area in engineering	FTD	Department of Mechanical Engineering SRM Institute of Science and Technology, Chennai
3.	Techpreneur -The Future	Webinar	Department of Mechanical Engineering Gnanmani college of technology,Namakkal
4.	Small Satellite Mission: Design to Operation	Webinar	Department of Aerospace Engineering Karunya deemed university, Coimbatore
5.	Internet of Things	FTD	Computer Science and Engineering NITTTR,chandigarh

Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	-	-	-	-

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	-	-	-	-

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	-	-	-	-

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	-	-

Training Offered

- Nil

Membership in Professional Bodies

Nil

Subject Links

- **THERMAL ENGINEERING -II**

STEAM NOZZLE

<https://drive.google.com/file/d/1W0JRyZ61HnJxsUhSIE3fDJarsxZ9-q1P/view?usp=sharing>

STEAM BOILERS

<https://drive.google.com/file/d/11-CKQZJNDvb7uT4aktx1YLcMRk0woCQC/view?usp=sharing>

STEAM TURBINE

<https://drive.google.com/file/d/1dNdOSfbSahwBUj-r2Y7ND2dsS-VHdmp1/view?usp=sharing>

COGENERATION AND RESIDUAL HEAT RECOVERY

https://drive.google.com/file/d/1T_gq_k4Na16iQSo_yFdf3K6z2Grvmdf4/view?usp=sharing

REFRIGERATION AND AIR CONDITIONING

https://drive.google.com/file/d/1_Kk4hYGCofb4gOUFRF2Fosv5JptGlhJ5/view?usp=sharing

- **POWER PLANT ENGINEERING**

<https://drive.google.com/file/d/1bBk0HcyKfdURGEfWu25K8GzdoWwwmjF3/view?usp=sharing>

- **HEAT AND MASS TRANSFER**

<https://drive.google.com/drive/folders/1Vy63ZwE0u8sTgbI2iaFp2Gh5jFj6YNkA?usp=sharing>