


### Faculty Profile

Name	: M.GANESH KARTHIKEYAN			
Date of Birth	: 04.06.1984			
Highest Qualification	: M.E			
Date of Joining	: 26.09.2012			
Designation	: ASSISTANT PROFESSOR			
Date of promotion (Present Designation)				
Area of Interest	: Heat transfer, Thermal Engineering			
Mobile No	: +91 9940827619	Email ID	: ganeshkarthikeyan.m@trp.srmtrichy.edu.in	
Experience	: Teaching :	18 Years & 11 Months	Industry :	Research :
Address (for Communication)	No.26, Y.M.I.A street, Lalgudi Trichy-621601			

#### Association with Professional Bodies

Name (Professional Body)	Indian Welding Society (IWS)	SAEINDIA	International Association of Engineers (IAENG)	ISHARE
Type of Membership	Life Member	Member	Life Member	Member

#### Research

Ph. D Guidance					
Supervisor / Guide ship No. :		University :		No. of Scholars :	
Publication*					
International Journals	: 02	National Journals	:		
International Conference	: 03	National Conference	:	01	
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount)	:		Applied (Amount)	:	
Patent					
Published	:	02	Granted	:	

#### Books

Published	:	
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#### FDPs / STTPs / Workshops / Seminars etc.,

FDP	STTP	Workshop	Seminar	Others
Attended : 08	Attended : 02	Attended : 01	Attended :	Attended :
Organized :	Organized :	Organized :	Organized : 03	Organized :

Online courses (NPTEL, MOOC etc.)	02
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## **\*List of Publications :**

### **Indexed Journal**

M. Chandrasekar, S. Suresh, T. Senthilkumar, M. Ganesh Karthikeyan "Passive cooling of standalone flat PV module with cotton wick structures" Energy Conversion and Management Volume 71, July 2013, Pages 43-50

### **Web of Science**

Y. Brucely ; G. Paulraj; M. Thilak; M. Ganesh Karthikeyan "Minimization of defects in glove manufacturing using total failure mode effects analysis flower pollination optimization"

### **Scopus**

T. Raja jayasingh, T. Raja jeyaseelan, C. Kannan, M. Ganesh Karthikeyan "Numerical (CFD) Analysis of Thermal Spray International Coating Process" Journal Of Modern Engineering Research (IJMER), ISSN: 2249-6645, Vol. 4 | Iss. 3 | Mar. 2014 | 46 |

### **Non Indexed Journal**

M.Ganesh Karthikeyan, Praveen Kumar.R, Raj Kumar.R, Raj Kumar.B.G, Santhosh.A "Design and Analysis of Material for the Pipeline between Power Plant Accessories" International Journal of Innovative Research in Science,Engineering and Technology(An ISO 3297: 2007 Certified Organization) Vol. 5, Special Issue 8, May 2016

M. Ganesh Karthikeyan, Shanmugasundaram K, Shree Bubesh Kumaar S, Siddhath K, Srinath "Enhancement of the Efficiency of Windmill Using Helical Designed Savonius Turbine" International Journal of Innovative Research in Science,Engineering and Technology (An ISO 3297: 2007 Certified Organization) Vol. 5, Special Issue 8, May 2016

M.Ganesh Karthikayan, P.Prem Ananth , R.Vijay , K.S.Logeshan, Yacoob Mohammed Ashraf Ali" Process and Mechanical Design of Shell and Tube Heat Exchanger" International Journal of Innovative Research in Science,Engineering and Technology(An ISO 3297: 2007 Certified Organization)Vol. 5, Special Issue 8, May 2016

S.Rajarethinam, M.Ganesh Karthikeyan" Investigation of Thermal Efficiency of the Double Pass Oscillating Bed Solar Dryer" International Journal of Engineering and Management Research Page Number: 394-400, Volume-6, Issue-3, May-June 2016, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962

P.Rajkumar M. Ganesh karthikeyan,Dr.M.Prabhakar,S.Senthil Kumar" A Numerical Investigation of Compact Spiral Fin Heat Exchanger for Circular Tubes with Hydrophilic Coating" IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 01, 2016 | ISSN (online): 2321-0613

Jerry Vasanth P, Ganesh Karthikeyan M, Jayasingh T " Steam Dryer using a Mixture of Charcoal and Solid Biomass as a Fuel" International Journal of Engineering and Management Research, Volume-5, Issue-1, February-2015, Page Number: 145-151 ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962,

Mohamed Mustaq.M,Naveen Narbat.K , Vivek.K,Elanseran.K,Ganesh Karthikeyan.M "Performance And Analysis Of Steam Dryer Using Briquetting Biomass" International Journal of Scientific Research and Engineering Studies (IJSRES) Volume 2 Issue 3, March 2015 ISSN: 2349-8862

Mohanasaravanan P S, Prabhakar M, Kannan C, Ganesh Karthikeyan M, Jayasingh T "Energy Recovery Analysis through Adding Solid Food Waste Pulverizer for the Existing Biogas Plant" Volume-5, Issue-1, February-2015 International Journal of Engineering and Management Research Page Number: 117-121ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962

D Pavithran, C Kannan, T Raja Jayasingh, M.Ganesh Karthikeyan "A Study on the Influencing Parameters on Biogas Production from Jack Fruit Waste Feedstock" Volume-5, Issue-2, April-2015 International Journal of Engineering and Management Research Page Number: 10-13, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962

T. TAMILSELVAN, T. RAJAJAYASINGH, C KANNAN, M. GANESH KARTHIKEYAN “DESIGN, FABRICATION AND EXPERIMENTAL ANALYSIS OF SOLAR WATER HEATER” International Journal of Engineering Research-Online, Vol.3., Issue.1, 2015, ISSN: 2321-7758

A. VICTOR RICHARDSON, M. GANESH KARTHIKEYAN, C KANNAN, T. RAJAJAYASINGH “HEAT TRANSFER ENHANCEMENT OF HEAT PIPE USING TiO<sub>2</sub> NANOFLUID” International Journal of Engineering Research-Online, Vol.3., Issue.1, 2015, ISSN: 2321-7758

J.Mohamed Ajas, M.Nirmal Prethum, L.Lesterjulian, S.Raam Kumar, M.Ganesh Karthikeyan “Experimental Analysis of Summer Air Conditioning System Using PCM” International Journal for Modern Trends in Science and Technology Volume: 03, Issue No: 04, April 2017 ISSN: 2455-3778

Periyasamy R, Ganesh Karthikeyan M, Thilak M, Indhusekaran N “EXPERIMENTAL ANALYSIS OF WATER COOLED CONDENSER SYSTEM WITH NANO FLUIDS “Volume 4 Issue 1 | ISSN: 2349-6002

S.Shanmugapriya , M.Ganesh karthikeyan , Dr.M.Prabakar and S. Senthilkumar “PERFORMANCE ANALYSIS ON DOUBLE PIPE HEAT EXCHANGER USING WIRE COILED AND PIN WIRE COILED TURBULATOR INSERTS “Volume 4 Issue 1 | ISSN: 2349-6002

**Book chapter published:**

Published book titled “Hydrogen Fuel Cells as Clean Energy Source” in March 2021, Published by Emerging Research in Engineering and Technology.

**Patents**

1. Patent titled “Analysis of CA-TiO<sub>2</sub> Catalysis for the best adsorption / photocatalysis compromise for water depollution” got published.
2. Patent titled “STRAPLESS NASAL AND ORAL MASK” got published.
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