



SRM Valliammai Engineering College


(An Autonomous Institution)

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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Department of Mechanical Engineering

Personal Details

Name :	Dr. S. Suresh Pungaiah		
Designation :	Assistant Professor (O.G.)		
Educational Qualification:	M.E., MBA., Ph.D.		
Experience:	12 Years		
Area of Specialization :	Thermal Engineering		
Date of Birth :	30/09/1986		
Date of Joining :	16/06/2014		
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	Mechanical Engineering	Sethu Institute of Technology	2008
2	MBA	General – HR	Alagappa University	2011
3	M.E.	Thermal Engineering	JJ College of Engineering and Technology	2014
4	Ph.D	Heat Transfer	Anna University	2021

Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. Society of Automotive Engineers (SAE).
3. Indian Science Congress Association.
4. International Association of Engineers.

Publication Details

Journals:

1. Sudalai Suresh Pungaiah and Chidhambara Kuttalam Kailasanathan, 2020, 'Thermal Analysis and Optimization of Nano coated Radiator Tubes using Computational Fluid Dynamics and Taguchi Method', Coatings 2020, 10, 804; DOI:10.3390/coatings10090804. ISSN: 2079-6412 (Annexure I). IF – 2.436.
2. Suresh Pungaiah S and Kailasanathan C, 2020, 'Design of a Nano Coated Heat Exchanger working with Organic Nanofluids using Hybrid Technique', Transactions of the Canadian Society for Mechanical Engineering, Vol. 45, Issue no. 2, DOI:10.1139/tcsme-2020-0080. ISSN: 0315-8977 (Annexure I). IF – 0.573.
3. A review of surface coating technology to increase the heat transfer, International Journal of Mechanical Engineering and Robotics Research, Vol. 7, No. 5, Sep 2018. ISSN 2278 –0149.
4. Thermal performance of spiral tube heat exchanger using nano fluid - experimental study, Australian journal of basic and applied sciences, (9) 11, 417-421,2015, ISSN :1991-8178

5. Study and development of new portable refrigerator kit for medical application, International journal of mechanical engineering and robotics research, vol 2, no. 2, pg.no 315-319, April 2013 ISSN 2278- 0149.

Conferences:

6. Experimental investigation of tio₂-sesame oil nano fluid, ICADM 2014
7. Experimental Investigation of forced convection solar air heater integrated with pin fin absorber plate GTMTS 2018.

Awards Received

1. Received best supporting faculty award for Aero Design Challenge2017.
2. Received best supporting faculty award for Aero Design Challenge2018.
3. Received Dhronacharya Award – Bharat Formula Karting Championship - 2019

Other Particulars

1. Admission Cell in charge
2. Management Committee Member – SAEINDIA MWC Division
3. Management Committee Member – SAE BAJA Event
4. Faculty Advisor – SRMVEC SAE Collegiate Club
5. Mentor – Team Autobots – OFF Road Racing
6. Mentor – Team Excalibur – ON Road Racing
7. Mentor – Team VEC Aerons – ADC
8. Mentor – Team Mercenaries – ETWDC
9. Champion for Aero Design Challenge -2019