

**GODSON ASIRVATHAM LAZARUS**

Professor, Department of Mechanical Engineering

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Email : godson@karunya.edu / godsonasirvatham@gmail.com**RESEARCH INTERESTS**

Experimental heat transfer; Enhancement of phase-change heat transfer; Thermal management of electronic devices; Nanofluid Heat transfer in thermal energy systems. Heat pipes for electronic cooling applications, Mini and micro-channel heat transfer.

EXPERIENCE

Professor, Mechanical Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2017 – present

Associate Professor, Mechanical Engineering, Karunya Institute of Technology and Sciences, India, 2013 – 17

Assistant Professor, Mechanical Engineering, Karunya Institute of Technology and Sciences, India, 2011 – 12

Research Fellow, College of Engineering, Anna University, Chennai, India, 2006 – 10

Lecturer, Mechanical Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2002 – 2006

RESEARCH PROFILES

1	Google Scholar Profile	https://scholar.google.co.in/citations?user=d_IUVmMAAAAJ
2	Scopus Profile	https://www.scopus.com/authid/detail.uri?authorId=26424520000
3	LinkedIn Profile	https://www.linkedin.com/in/godson-asirvatham/

PATENTS

1	Rotating spherical fuel injector within a spherical combustor for gas turbine and other applications', Indian Patent Application No: 6924/CHE/2015 – Final Examination Report Submitted
2	Modified expander re-heat cycle within a spherical combustor for gas turbine and other applications', Indian Patent Application No: 6923/CHE/2015 – Final Examination Report Submitted
3	Mini-loop thermosyphons, Indian Patent Application No: 201741029966 – Published in Aug 2017
4	A coolant pipe for Concrete roof, Indian Patent Application No: 202141021161 - Published in June 2021

RESEARCH PROJECTS

#	Title of the project	Funding Agency	Amount (Rs.)	Year
1	Thermoelectric cooling of electronic devices with nanofluids in mini-channel heat exchanger	DST-SERB- India	19.62 Lakhs	2014-2017
2	Numerical prediction of high heat flux to plasma facing material using thermal plasma jet impingement model	BRFST - India	2.18 Lakhs	2016-2017

SUMMARY OF INTERNATIONAL JOURNAL & CONFERENCE PUBLICATIONS - [PUBLISHED & ACCEPTED]

Year	International Journal Publications	International Conference Publications	National Conference publications	Cumulative Impact Factor	Scopus Citations	Google Scholar Citations	h-index
2009 - 2021	85	11	5	220	2325	2965	25

EDITORIAL BOARD MEMBER: Editor, JP Journal of Heat & Mass Transfer, Pushpa Publishing House, 2019 - Present

EDUCATION

Degree	Branch / Specialization	University	Class	Mode	Month & Year of Passing
Ph.D.,	Mechanical Engineering	Anna University	Commendable	Full Time	July 2011
M.E.,	Thermal Engineering	Bharathiar University	Distinction	Full Time	May 2001
B.E.,	Mechanical Engineering	Bharathiar University	First Class	Full Time	May 1999

TEACHING INTERESTS

Engineering Thermodynamics, Heat and Mass Transfer, Advanced Thermodynamics and Heat Transfer, Thermal Engineering, Advanced Instrumentation in Thermal Engineering.

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	5	6
Master of Engineering - Master's Thesis advising	15	--