

NAME: Dr. Godwin John J

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SPECIALIZATION:

- Internal Combustion Engineering
- Alternate Fuels
- Automotive Materials
- Fuels and Lubricants



EDUCATION:

- B.E – Anna University, Chennai – 2012.
- M.Tech – Hindustan Institute of Technology and Science (Deemed to be University), Chennai – 2014.
- PhD – Hindustan Institute of Technology and Science (Deemed to be University), Chennai – 2019.

PATENTS:

S.No	Title	Year	Status
1	SYSTEM AND METHOD FOR AUTOMATIC HELMET DETECTION TO ENHANCE THE RIDER SAFETY USING DEEP LEARNING	2022	Granted

RECENT PUBLICATIONS:

AUTHOR / CO-AUTHOR	Title of the Article	Name of the Journal, Volume, Issue, Year, Page	Scimago Ranking	SCOPUS INDEXED	WoS INDEXED
AUTHOR	Waste cooking oil biodiesel with FeO nanoparticle – A viable alternative fuel source	Materials today: Proceedings, Volume 72, Part 4, 2022, Pages 1991-1995	Q2	YES	NO
CO-AUTHOR	Evaluation of thermal barrier coating on the engine components using finite element analysis	AIP Conference Proceedings, Vol. 2385, Issue1, 2022, pages 070002	Q3	YES	NO
CO-AUTHOR	Potential of Oxygenated Palm Stearin Wax- An Agricultural Waste as Biofuel in a CI Engine - An RSM Approach	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH, Vol.12, No.3, 2022, pages 1601-1613	Q3	YES	YES
CO-AUTHOR	Engine Overheating Prevention and Vehicle Security Enhancement – An Experimental Approach	International Journal of Vehicle Structures and Systems,	Q4	YES	NO

CO-AUTHOR	Influence of Al ₂ O ₃ Nanoparticles Additives in R134a Refrigerant for Vapour Compression Refrigeration System	INTERNATIONAL JOURNAL OF VEHICLE STRUCTURES AND SYSTEMS , Vol. 14, no. 6, 2022, pp.801 - 806	Q4	YES	NO
CO-AUTHOR	Experimental and FEA Studies on Tensile and Flexural Characteristics of Carbon - Kevlar Hybrid Composite	INTERNATIONAL JOURNAL OF VEHICLE STRUCTURES AND SYSTEMS , Vol. 14, no. 5, 2022, pp.663 - 667	Q4	YES	NO
CO-AUTHOR	Effect of Nanofluids as Coolant in Automotive Radiator - A Numerical Approach	INTERNATIONAL JOURNAL OF VEHICLE STRUCTURES AND SYSTEMS, Vol. 14, no. 5, 2022, pp.668 - 671	Q4	YES	NO
CO-AUTHOR	Optimized Grapeseed Biodiesel Production and its Effect on the CI engines Combustion Characteristics at Variable Compression Ratios	INTERNATIONAL JOURNAL OF VEHICLE STRUCTURES AND SYSTEMS , Vol. 14, no. 2, 2022, pp.242 - 256	Q4	YES	NO
CO-AUTHOR	Scenedesmus obliquus and Chlorella vulgaris - A Prospective Algal Fuel Source	NATURE ENVIRONMENT AND POLLUTION TECHNOLOGY, Vol. 21, no. 5, 2022, pp.2129 - 2139	Q4	YES	YES
CO-AUTHOR	OPTIMIZED BIODIESEL PRODUCTION FROM C. INNOPHYLLUM BIO-OIL USING KRIGING AND ANN PREDICTIVE MODELS	Thermal Science, Vol. 26, No. 5, 2022, pp. 4217-4232	Q3	YES	YES
CO-AUTHOR	Mechanical characterization of partially stabilized zirconia on aluminium alloy 6061 for automotive applications – A comprehensive approach	Materials today: Proceedings, Volume 72, Part 4, 2022, Pages 2113-2117	Q2	YES	NO
AUTHOR	Development of automotive cam shaft using aluminium – silicon carbide composite – An effectiveness study	Materials today: Proceedings, Volume 72, Part 4, 2022, Pages 2108-2112	Q2	YES	NO

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Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57204971104>

Google Scholar: <https://scholar.google.com/citations?user=GqbWX9YAAAAJ&hl=en&oi=ao>

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