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**SPECIALIZATION:**

- I C Engines
- Materials Science
- Manufacturing
- Optimization



**EDUCATION:**

- Bachelors – B.E (Automobile)-Bharathiar University (IRTT), Erode – 1990
- Masters –M.Tech. (Industrial), Kerala University– 1999
- Ph.D – Anna university (RECT)– 2007

**TEACHING EXPERIENCE:** 28 Years

**No.of Students Guided (Ph.d) : 3**

**PUBLICATIONS:**

2022-2023 (Journal Articles/Conference proceedings)

1. R. Christu Paul, Raja Joseph, V. Nadana Kumar, P. Booma Devi & S. Manigandan , (2022) “Experimental analysis of hybrid metal matrix composite reinforced with Al<sub>2</sub>O<sub>3</sub> and graphite”, International Journal of Ambient Energy, Vol.43, No. 41, pp. 648–652.(Scopus), ISSN: 0143-0750, <https://doi.org/10.1080/01430750.2019.1653984>
2. Sajin Justin Abhram Baby, Christu Paul, Ratheesh R, Akhil Kunnel Vijayan Pillai, Sivasubramanian Rathinam, (2022), “Emission study on dimethyl ether-biodiesel blends fuelled diesel engine”, International Journal of Ambient Energy, 2022, 43(1), pp. 1198–1203 (Scopus)<https://doi.org/10.1080/01430750.2019.1694984>, ISSN: 0143-0750
3. Hariram V, Allen Jeffrey J, Sangeethkumar E , Christu Paul R , Adam Hashim Dalal , Shweta Sunil Menon, Vinoth Kumar M\* , Godwin John J, “Potential of Oxygenated Palm Stearin Wax- An Agricultural Waste as Biofuel in a CI Engine – An RSM Approach”, International Journal Of Renewable Energy Research,( 2022)Vol. 12 , No. 3, pp. 1601-1603, Online ISSN: 1309-0127,
4. R.C. Paul, B.P.S. Bundel, J.G. John and V. Hariram, (2022), “Engine Over heating Prevention and Vehicle Security Enhancement – An Experimental Approach”, Int. J. Vehicle Structures & Systems, 14(5), 672-674-doi: 10.4273/ijvss.14.5.22
5. Loganathan, P., A. A. Arivalagar, V. Nadanakumar, **R. Christu Paul**, and J. Godwin John. "Study on microstructure, mechanical and wear behavior of AA7075/hBN composites fabricated via liquid metallurgy." Materials Today: Proceedings (2023).

6. Ramaian, **Christu Paul**, V.Nadanakumar., Dhanraj, J.A., Selvaraju, N., Anaimuthu, S. and Solomon, J.M., An explicit revelation on swarm robotics and its optimization techniques. In AIP Conference Proceedings (Vol. 2690, No. 1). (2023).
7. **Ramaian Christu Paul**, Nadanakumar Vinayagam, Kuppan Chetty Ramanathan, Joshua Arockia Dhanraj, Nandakumar Selvaraju, Jenoris Muthiya Solomon, and Shridhar Anaimuthu. "A critical evaluation on design and development of smart dust sensor for mechatronics applications." In AIP Conference Proceedings, vol. 2690, no. 1. (2023).
8. Hariram, V., Hussain Said Al Riyami, V. Nadanakumar, J. Godwin John, **R. Christu Paul**, R. S. Nakandhrakumar, and P. Rameshkumar. "Influence of Al<sub>2</sub>O<sub>3</sub> Nanoparticles Additives in R134a Refrigerant for Vapour Compression Refrigeration System." International Journal of Vehicle Structures & Systems 14, no. 6 (2022): 801-806.
9. Solomon, Jenoris Muthiya, Mohankumar Subramaniam, C. Dinesh Kumar, Joshua Arockia Dhanraj, Nadanakumar Vinayagam, **Christu Paul Ramaian**, and A. V. Sivabalan. "Experimental Assessment on Performance and Emission Characteristics of (Tamanu) Seed Oil in Direct Injection Diesel Engines." In Technology Innovation in Mechanical Engineering, pp. 283-292. Springer, Singapore, 2022.
10. Arockia Dhanraj, Joshua, Jenoris Muthiya Solomon, Mohankumar Subramaniam, Meenakshi Prabhakar, **Christu Paul Ramaian**, Nandakumar Selvaraju, and Nadanakumar Vinayagam. "Misfire Prediction on Spark Ignition Four-Stroke Engine Through Statistical Features Using Rough Set Theory Classifier." In Technology Innovation in Mechanical Engineering, pp. 129-138. Springer, Singapore, 2022.

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Google Scholar: <https://scholar.google.com/citations?authuser=1&user=NGIZZGMAAAAJ>

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