




Name	: Dr.C.RAMESH KANNAN					
Date of Birth	: 10.04.1977					
Highest Qualification	: M.E., Ph.D					
Date of Joining	: 06.10.2022					
Designation	: Professor & Vice Principal (Academics)					
Date of promotion (Present Designation)	: 11.11.2022					
Areas of Interest	: Cryogenic Process, Tribology , Metal Joining and Machining					
Mobile No	: +91 9943566023	Email ID	: rameshkannan.c@trp.srmtrichy.edu.in			
Experience	: Teaching :	23	Industry :	2	Research :	4
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	: Tamil nadu, India					

.Association with Professional Bodies

Name (Professional Body)	Indian Society for Technical Education	International Association for Engineers and Computer Scientists	Indian Cryogenics Council	The Institute of Research Engineers and Doctors
Type of Membership	Life Member	Life Member	Life Member	Fellow Member
Membership No.	LM33959	LM268090	LM0819	SM101000821251

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	RSE08180	University:	KAHE	No. of Scholars:	2
Publication					
International Journals	: 65	National Journals	:	19	
International Conference	: 19	National Conference	:	16	
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount)	:	Applied (Amount)	:		
Patent					
Published	:			5	

Books/Book Chapters

Published	:	2
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	8	Attended :	2	Attended :	17	Attended :	14	Attended :	8
Organized :	9	Organized :	5	Organized :	11	Organized :	11	Organized :	9

Online courses (NPTEL, MOOC etc.)	-
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Recent Publications:

20. Kubendiran, M., **Kannan, C.R.**, Manivannan, S., and Naveen, S., 2023. Sustainable development and conservation of agro-waste coconut shell powder strengthen lightweight aluminum bio-composite for user friendly. *Environmental Quality Management*.
19. Shaji, Y.C., DeenaRose, D., **Kannan, C.R.**, Aruna, M. and Brucely, Y., 2023. Synthesis and characterization of quercetin-layer double hydroxide (LDH) nanohybrid and their enhanced antioxidant activity. *Bulletin of the Chemical Society of Ethiopia*, 37(4), pp.917-929.
18. Raghuvaran, S., Vivekanandan, M., **Kannan, C.R.**, Barik, D., 2023. Evaluation of Thermal Adsorption and Mechanical Behaviour of Intralaminar Jute/Sisal/E-Glass Fibre-Bonded Epoxy Hybrid Composite as an Insulator. *Adsorption Science & Technology*.
17. Venkatesh, **Kannan, C.R.**, Yadav, A., Karthigairajan, M., Vivekanandan, P. and Murugan, A., 2023. Thermal adsorption and mechanical behaviour of polypropylene hybrid composite synthesized by glass/hemp fibre via an injection moulding process. *Adsorption Science & Technology*, 2023, p.7450085.
16. Venkatesh, R., **Kannan, C.R.** and Naveen, S., 2023. Performance evaluation and conservation of waste solid plastics into alternative fuel for a pollution-free environment. *Environmental Quality Management*, 33(2), pp.103-110.
15. Manivannan, S., **Kannan, C.R.**, Karthikeyan, N. and Naveen, S., 2023. Conservation of waste melon shell and fly ash utilized as reinforcements for aluminum alloy matrix in terrestrial ecosystem acquired green hybrid composites. *Environmental Quality Management*, 33(2), pp.87-92.
14. Sasikumar, R., **Kannan, C.R.**, Aruna, M., Mukilarasan, A., 2023. Mechanical and Thermal Adsorption Actions on Epoxy Hybrid Composite Layered with Various Sequences of Alkali-Treated Jute and Carbon Fibre. *Adsorption Science & Technology*, 2023.
13. Vivekanandan, M., **Kannan, C.R.**, Krishna, J.P., Dhanabalan, S., Thirugnanasambandham, T. and Majora, M., 2023. Synthesis and Thermal Adsorption Characteristics of Silver-Based Hybrid Nanocomposites for Automotive Friction Material Application. *Adsorption Science & Technology*, 2023.
12. Prakash, T., **Kannan, C.R.**, Karthigairajan, M. and Bobe, K., 2022. Synthesis and adsorbent performance of modified biochar with Ag/MgO nanocomposites for heat storage application. *Adsorption Science & Technology*, 2022, pp.1-14.
11. **Ramesh Kannan, C.**, Vivekanandan, M., Phani Krishna, J., Manivannan, S., Rajkumar, S. and Vijayan, V., 2022. Synthesis and characterization of mechanical properties of AA8014+ Si3N4/ZrO2 hybrid composites by stir casting process. *Advances in Materials Science and Engineering*, 2022, pp.1-11.
10. Krishnan, R., Manivannan, S., Das, A.D., **Kannan, C.R.** and Sasikumar, B., 2022. An Investigation on Effects by Adding Cerium and Lithium on Mechanical and Metallurgical Properties of AZ91D+ XCe+ XLi Cast Mg Alloy. *Advances in Materials Science and Engineering*, 2022.
09. **Kannan, C.R.**, Venkatesh, R., Manivannan, S., Vivekanandan, M., Krishna, J.P., Mezni, A., Islam, S. and Rajkumar, S., 2022. Synthesis and experimental investigations of

tribological and corrosion performance of AZ61 magnesium alloy hybrid composites. *Journal of Nanomaterials*, 2022.

08. **Kannan, C.R.**, Manivannan, S., Stalin, B. and Kailasanathan, C., 2022. Metallographic Characterization of SiC-Ni-Ti Layer Reinforced on Austenitic Stainless Steel (AISI 316L) by Two-step Laser Fabrication. *Silicon*, 14(10), pp.5393-5400.
7. **Ramesh Kannan.C**, Veerabathiran Anbumalar, 2022, Cryogenic Treatment for Enhancing the Wear Resistance of Tool in Screw Briquetting Process, *ERIODICO di MINERALOGIA*, Volume 91, No. 3, pp-167-174, 2022, ISSN: 0369- 8963.
6. Nithiyapathi, C., **Kannan, C.R.**, Balaji, R.S. and Preethi, V., 2021. An experimental study on enhancement of cutting tool properties by tool hardening and hard coating method. *Materials Today: Proceedings*, 37, pp.2048-2051.
5. **Kannan, C.R.** ,Muhammed, K.A., Stalin, B. and Ravichandran, M., 2020. Experimental investigation on AW 106 Epoxy/E-Glass fiber/nano clay composite for wind turbine blade. *Materials Today: Proceedings*, 21, pp.202-205.
4. Arun, K., **Kannan, C.R.** and Stalin, B., 2020. The effect of cryogenically treated drilling tool on GFRP composite drilling holes-A comparative study. *Materials Today: Proceedings*, 33, pp.4362-4367.
3. Rajarajan, S., **Ramesh Kannan, C.** and Dennison, M.S., 2022. A comparative study on the machining characteristics on turning AISI 52100 alloy steel in dry and microlubrication condition. *Australian Journal of Mechanical Engineering*, 20(2), pp.360-371.
2. **Ramesh Kannan, C.** Stalin, B., Ravichandran, M., and Sathiya Moorthi, K., 2019. Design and analysis of stringer on the chassis frame in load carrying vehicle. In *Advances in Manufacturing Technology: Select Proceedings of ICAMT 2018* (pp. 219- 225). Springer Singapore.
1. **Ramesh Kannan, C.**, Stalin, B., Ravichandran, M. and Sathiya Moorthi, K., 2019. Performance analysis of SS304 steel hat stringer on the chassis frame. In *Advances in Manufacturing Technology: Select Proceedings of ICAMT 2018* (pp. 289-296).