


FACULTY PROFILE

Name of Teaching Staff / RMK ID	SANKARLAL R L / T0719			
Designation	Asst. Professor (Grade – II)			
Department	Mechanical Engineering			
Date of Joining the Institution	18.06.2012 (Regular)			
Qualifications	D.M.E. , B.E. (Mech)	M.E. (CAD)	(Ph.D)	
Total Experience	Overall : 25 Years		in RMK : 11.5 Years	
Papers Published in Journal	Overall : 9		After Joining RMK : 9	
List of Papers Published	<ol style="list-style-type: none"> 1. R. L. Sankarlal, K. Kalaichelvan, 2018, 'Analysis of 3-Point Bending Characteristics of AA6061 Miniature Specimens', TAGA Journal, ISSN: 1748-0345 (Online), Vol. 14, 2290-2298. (Annexure – 1, AU) – 2018. 2. R. L. Sankarlal, Dr. K. Kalaichelvan, S. Sathishkumar, April 2020, 'Influence of Size Effect on Torsional Strength of AA6061 Miniature Specimens', Test Engineering & Management Journal, ISSN: 0193-4120, Vol.83, 7546-7552. 3. S. Sathish Kumar, M. Kannan, R. L. Sankarlal, 2020, 'Thermal Stress Analysis of Integrated Combustion Engine Piston Using CAE Tools (Aluminium Silicon Alloy, Aluminium Silicon Alloy Steel)', Acta Mechanica Malaysia Journal, ISSN: 2616-4302 (Online), Vol. 3, Issue 1, 20-23. (Google Scholar DOI: http://doi.org/10.26480/amm.01.2020.20.23 – Jun 2020 4. Sankarlal R L, Nitin K George, Mohan R, Niranjana B N, Shiva Raghava Rayalu, 2021, 'Design aspects in the Fabrication of an All-Terrain Vehicle', Pensee International Journal, ISSN: 0031-4773, Volume 51, Issue 1, 449-457. (Scopus) – Jan 2021 5. Sankarlal R L, Balaji S M, Prashanth M D, Senthilnathan N, 2021, 'Fabrication & Testing of Sisal Fibre Reinforced Composite Materials', Pensee International Journal, ISSN: 0031-4773, Volume 51, Issue 1, 658-663. (Scopus) – Jan 2021 			

	<p>6. Sankarlal R L, Duraimurugan P, Karthikeyan G, Kollipara Seshubabu, 2021, 'Design & Anaysis of Sisal Wheelchair Ramp in Government Buses', International Journal of Mechanical Engineering, ISSN: 0974-5823, Volume 06, No. 3, 1535-1538. (Scopus) – Dec 2021</p> <p>7. Sankarlal R L, Duraimurugan P, Karthikeyan G, Kollipara Seshubabu, 2021, 'Design of a Piezo-electric Wheel for Power Generation in Automobiles', International Journal of Mechanical Engineering, ISSN: 0974-5823, Volume 06, No. 3, 1539-1544. (Scopus) – Dec 2021.</p> <p>8. S. Jasper, D. Vijayakumar, R.L. Sankarlal, B. Stalin, S. Rajesh, 2022, 'Optimization of parameters for hardness of brass – AlN Composite', Materials Today: Proceedings, ISSN: 2214-7853, (Scopus) – Nov 2022.</p> <p>9. S. Jasper, D. Vijayakumar, M. Ravichandran, R.L. Sankarlal, R. Subash, 2023, 'Micro structure and wear analysis of multi-layer nitride coating deposited on the austenitic steel', Materials Today: Proceedings, ISSN: 2214-7853, Page: 2214-7853 (Scopus) – May 2023.</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall :	After Joining RMK :
Ph.Ds / Projects Guided	Ph.Ds Guided : -	Student Projects Guided : 50+
Books Published :	Count : Nil	
Patents	Published Count : 3	
	Granted Count : - List : <ol style="list-style-type: none"> 1. Multi-rotor Horizontal Wind Turbine – Published on 11/06/2021 2. A device for fabricating AA6061 Using TIG Welding – Published on 09/07/2021 3. Autonomous Terrain Maintainer for Water Bodies – Published on 10/12/2021 	
Professional Memberships	Count : 2	
	List : <ol style="list-style-type: none"> 1. Annual Member in Society of Automotive Engineers (MSAE) 2. Life Member in Indian Society for Technical Education (MISTE) 	
Consultancy Projects Completed	Count : 06	
	List : <ol style="list-style-type: none"> 1. Solar Installation Project for Rs. 50,000/- 2. Optimized Design and Analysis of Metal Framed Structure for Static and Dynamic loads - Rs.30,000/- 	

	<ul style="list-style-type: none"> 3. Solar Installation Project for Rs. 40,000/- 4. Solar Installation Project - 5000W for Rs. 50,000/- 5. Solar Installation Project for Rs. 52,000/- 6. Solar Installation Project (Vaniyambadi) for Rs. 53,000/-
Awards Received	Count : 3
	List : <ul style="list-style-type: none"> 1. Best Faculty of the Department 2012 – Mech @ DACE 2. Best Faculty - Results 2011 – Mech @ DACE 3. Best Faculty - Results 2012 – Mech @ DACE
Research grants Received	<ul style="list-style-type: none"> 1. Tamilnadu State Council for Science and Technology (TNSCST) fund – Under Students Projects Scheme during 2021-22.
Orcid Link / ID	ID : 0000-0002-0198-2988
Google Scholar Link / ID	ID : sZ2FFOIAAAAJ
Vidwan Link / ID	ID : 305212
Research Gate Link / ID	-
Scopus Link / ID	ID : -