

CENTRE FOR RESEARCH



ANNA UNIVERSITY, CHENNAI – 600 025

LIST OF PUBLICATION OF DC MEMBER



Name of the Scholar : Vinitha.T

Programme : Ph.D. (PT)

Research Topic : Studies on Tribological Behavior of Bio-Based Polymer Composites

Name of the Supervisor: Dr. M. RAMESH / 2620070

Member from other University / Institutions

Name of the member: Dr. Mani. N

S.No	Title	Year of Publication
1	N Mani, M Palanivendhan, M Siranjeevi and K Balaji, "Investigation on mechanical behaviour of Al-6061 SiC Metal Matrix with Ni composite", IOP Conf. Series: Materials Science and Engineering, 993, 012126, 2020.	2020
2	V. Hari Krishnan, N. Mani, S. Subin Anand, R. Guruvendhan, and S. Vishal, "Mechanical and microstructural analysis of Al-W-Sn metal matrix composites", AIP Conference Proceedings, 2283, 020022, 2020.	2020
3	Ravindran, S., Mani, N., Kannan, M., Santhosh, S, "Wear testing of polypropylene termina chebula fibres", IOP Conference Series: Materials Science and Engineering, Vol. 912(5), 052024, 2020.	2020
4	N. Prem Kumar, N. Mani and K. Palanikumar, "Influence of Rutile Nano TiO ₂ on Thrust Force, Mechanical, Wear and Microstructural Behavior of Al-SiC Composites", Nano science and Nanotechnology Letters, Vol. 11, pp.1502-1512, 2019.	2019
5	Ravindran, S., Mani, N., Balaji, S., Abhijith, M., Surendaran, K, "Mechanical behaviour of aluminium hybrid metal matrix composites - A review" Materials Today: Proceedings, Volume 16, Part 2, pp. 1020-103, 2019.	2019
6	N. Prem kumar, N.Manu and K.Palanikumar, "Influence of Thrust Force in Drilling Al – SiC / Nano TiO ₂ Metal Matrix Composites Using Box Behnken Design (BBD)", Caribbean Journal of Science, Volume 53, ISSUE 1, pp. 556 – 564, 2019.	2019
7	N. Prem kumar, N.Manu and K.Palanikumar, "Study of Thrust Force in Drilling Al / SiC - Nano TiO ₂ Metal Matrix Composites Using Response Surface Method", Tierärztliche Praxis, Vol 39, Issue 11, pp: 77-93, 2019.	2019
8	N.Manu, R.B.Dhiyanesswar,S. Dhiyaneswar,B.MohanRaj, V.Premkumar, "Design and Development of Electric Tri-Wheeler", International Journal of Engineering Research in Computer Science and Engineering, Vol 6, Issue 7, July 2019.	2019

9	Kumar, N. Prem, Mani, N. , “Mechanical and Micro-Structural Characteristics of Al SiC Metal Matrix with TiO ₂ Nano Composites”, Journal of Advanced Microscopy Research, Volume 13(1), pp. 107-111(5), 2018.	2018
10	Ravindran, S., Mani, N., King, M. Francis Luther; Vimalathithan, R., “An Investigation on the Mechanical Properties of Nano-Al ₂ O ₃ and TiC Reinforced Aluminum Matrix Hybrid Composites”, Journal of Advanced Microscopy Research, Volume 13(1), pp. 118-124(7), 2018.	2018
11	S. Ravindran, N. Mani , D. Vignesh, V. Anjan shrinivasan and C. Vignesh, “Experimental and Investigation of Aluminium T6 Nano-Reinforced hybrid metal matrix composite” International Journal of Mechanical and Production Engineering Research and Development, Vol. 8, (8), pp.226-231, 2018.	2018
12	Mani N. , Thanigaiyarasu G. and Chellapandi P., “Parametric study of Pullout radius for Steam Generator Shell Nozzle Junction for FBR” Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, pp 1-11, 2013.	2013
13	Mani N. , Thanigaiyarasu G. and Chellapandi P., “Leak Before Break analysis of Steam Generator Shell Nozzle Junction for Sodium cooled Fast Breeder Reactor”. ASME Journal of Pressure vessel Technology. Vol.134 (2), 021211, 2012.	2012
14	Mani N. , Thanigaiyarasu G. and Chellapandi P., “Stress analysis of steam generator shell nozzle junction for sodium cooled fast breeder reactor”, International Journal of Engineering Science and Technology, Vol. 2(7), pp. 2690-2698, 2010.	2010
15	Mani N. , Thanigaiyarasu G. and Chellapandi P., “Static stress analysis of steam generator shell nozzle junction for Leak Before Analysis”, International Journal on Design and Manufacturing Technologies, Vol. 3, No. 1, pp. 45-50, 2009.	2009