


Faculty Profile

Name :	M.Dhanenthiran	
Date of Birth :	13-04-1991	
Highest Qualification :	M.E., (Ph.D)	
Date of Joining :	01.07.2016	
Designation :	Assistant Professor	
Date of promotion (Present Designation) :	-	
Area of Interest :	Metal Matrix Composites, Optimization Techniques	
Mobile No :	9791601008	Email ID : dhanenthiran.m@trp.srmtrichy.edu.in
Experience :	Teaching : 8.8Years	Industry : - Research : -
Address (for Communication) :	No:3/73, Anna Nagar 4 th Street, South Kattur, Pappakurichi	
	Tiruchirappalli - 620019	

Association with Professional Bodies

Name (Professional Body)	Member of International Association of Engineers (IAENG)	Life Member of Indian Society for Research and Development (ISRD)		
Type of Membership	Lifetime	Lifetime		

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	-	University :	-	No. of Scholars :	-
Publication*					
International Journals :	7	National Journals :	1		
International Conference :	6	National Conference :	3		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount) :	-	Applied (Amount) :	-		
Patent					
Published :	2	Granted :	-		

Books

Published :	Solar Thermal Energy Devices
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	15	Attended :	10	Attended :	15	Attended :	15	Attended :	-
Organized :	-	Organized :	-	Organized :	-	Organized :	7	Organized :	-

Online courses (NPTEL, MOOC etc.)	2
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List of Publications:

Sl. No	Article Title	Journal Title	Volume / Issue No./Year	ISSN No.
1.	Experimental Investigation and Comparative Analysis of Aluminium Hybrid Metal Matrix Composites Reinforced with Silicon Nitride, Eggshell and Magnesium	Materials-Multidisciplinary Digital Publishing Institute	Volume 15 / Issue 17 / Sep 2022	https://doi.org/10.3390/ma15176098
2.	Predict the fatigue life of solution treated and aged TIG welded AA6061 Aluminum alloy joints	AIP Conference Proceedings	020020-1 to 020020-5 Oct 2022	https://doi.org/10.1063/5.0108128
3.	CFD Analysis of Hot and Cold steam flow in the elbow	International Research journal of engineering and technology	Volume 7 Issue 3, March 2020	p-ISSN: 2395-0072
4.	Parameters of micro turning of Aluminum rod Al6063 using CNC Machine	International Journal of Engineering, Science and Mathematics	Vol. 7 Issue4, April 2018	2320-0294
5.	Experimental investigation of the process parameters during turning Operation on cast iron	International Journal of Engineering, Science and Mathematics	Vol. 7 Issue4, April 2018	2320-0294
6.	A numerical analysis effect of vent hole parameters on the Mechanical properties in sand casting process	International Journal of Pure and Applied Mathematics	Volume 117 No. 16 2017	1311-8080
7.	An investigation of the effect of process parameters in turning operation on cast iron	SSRG International Journal of Mechanical Engineering	Volume 3, Feb-2016	ISSN: 2348 – 8360