




ADHI

COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY PROFILE

NAME		Dr. Arulkirubakaran. D				
DESIGNATION		Associate Professor				
DEPARTMENT		Mechanical Engineering				
MAIL ID	arul.mech@adhi.edu.in		CONTACT NO	9486138574		
EDUCATIONAL QUALIFICATION						
Category	Name of the degree	Specialization	Year of Passing	Name of the College	Name of the University	
UG	B.E	Mechanical	2008	Jayaram College of Engineering and Technology, Trichy.	Anna University	
PG	M.E	Product Design and Commerce	2010	PSG College of Technology, Coimbatore.	Anna University, Coimbatore.	
Ph.D	Ph. D	Production	2017	National Institute of Technology, Trichy.	National Institute of Technology, Trichy.	
PROFESSIONAL EXPERIENCE						
Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days



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TOTAL	7	7	53
Areas of Interest/ Specialization	Manufacturing and Design Engineering		
NO.OF PAPER PUBLISHED	25		
Journal	14		
Top 5 International Journals Published	<ol style="list-style-type: none"> 1. Arulkirubakaran, D., Senthilkumar.V and Vijay Kumawat (2016) “Effect of micro- textured tools on machining of Ti-6Al-4V alloy: An experimental and numerical approach”, International Journal of Refractory and Hard Materials, vol.54, pp.165-177. (SCI-Impact factor-2.263) 2. Arulkirubakaran, D., V. Senthilkumar, S. Dinesh (2017) “Effect of textures on machining of Ti-6Al-4V alloy for coated and uncoated tools: A numerical comparison”, International Journal of Advanced Manufacturing Technology, vol.93 (1-4), pp.347-360. (SCI-Impact factor-1.568) 3. Arulkirubakaran, D., V. Senthilkumar (2016) “Performance of TiN and TiAlN coated micro-grooved tools during machining of Ti-6Al-4V alloy”. International Journal of Refractory and Hard Materials (Accepted for publication- SCI-Impact factor-2.263). 4. Dinesh, S., V. Senthilkumar, P. Asokan, D.Arulkirubakaran(2015), “Effect of cryogenic cooling on machinability and surface quality of biodegradable ZK60 Mg alloy”, Materials and Design, vol.87, pp.1030-1036. (SCI-Impact factor-3.997) 5. Senthilkumar, V., .A. Balaji, D. Arulkirubakaran (2013), “Application of constitutive and neural network models for prediction of high temperature flow behavior of Al/Mg based nanocomposite”, 		



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	Transactions of Nonferrous Metals Society of China, vol.23 (6), pp.1737- 1750. (SCI-Impactfactor-1.340)
Conference	11
NO.OF WORKSHOP ATTENDED	8
NO.OF EVENT ORGANIZED	3
PROJECTS GUIDED	
❖ UG Level	3
Administrative Assignments:	Entrepreneurship Development Cell Coordinator (EDC Coordinator)
Membership of Reputed Bodies: (District/State/National/International Level)	ISTE