




ADHI

COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PROFILE

NAME		Dr. Palanisamy. D					
DESIGNATION		Associate Professor					
DEPARTMENT		Mechanical Engineering					
MAIL ID	palanisamy.mech@adhi.edu.in		CONTACT NO				
EDUCATIONAL QUALIFICATION							
Category	Name of the degree	Specialization	Year of Passing	Name of the College	Name of the University		
UG	B.E	Mechanical	1997	VMKV Engg college	Madras University		
PG	M.E	Manufacturing	2010	Jayaram College of Engg and Tech	Anna University		
PhD	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				10	5	52
INDUSTRIAL EXPERIENCE						
Name of the Industry	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
TOTAL				6	5	21
Areas of Interest/ Specialization		Manufacturing				
NO.OF PAPER PUBLISHED		28				
Journal		15				
Top 5 International Journals Published		<ol style="list-style-type: none"> 1. D. Palanisamy, P. Senthil and V. Senthilkumar (2016) The Effect of Aging on Machinability of 15Cr-5Ni Precipitation Hardened Stainless steel. Archives of Civil and Mechanical Engineering, 16: 53-63. (SCI Journal–Impact Factor: 1.729). 2. D. Palanisamy and P. Senthil (2016) Machinability Study of Laser Surface Treated 15-5 PH Stainless Steel. Materials and Manufacturing Processes, 31: 1755–1762. (SCI Journal–Impact Factor: 1.63). 3. D. Palanisamy and P. Senthil (2016) Development of ANFIS Model and Machinability Study on Dry Turning of Cryo-Treated PH Stainless Steel with Various Inserts. Materials and 				



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	<p>Manufacturing Processes, (in print), DOI: 10.1080/10426914.2016.1221091, (SCI Journal–Impact Factor: 1.63).</p> <p>4.D. Palanisamy, P. Senthil(2017) A comparative study on machinability on cryo-treated and peak aged 15Cr-5Ni Precipitation hardened stainless steel. Measurement, 116: 162-169. (SCI Journal–Impact Factor: 2.34).</p> <p>5. D. Palanisamy, P.Senthil (2016) Optimization on Turning Parameters of 15-5PH Stainless Steel using Taguchi Based Grey Approach and Topsis, Archive of Mechanical Engineering, (DOI: 10.1515/meceng-2016-0023).</p>
Conference	13
NO.OF WORKSHOP ATTENDED	8
NO.OF EVENT ORGANIZED	3
PROJECTS GUIDED	
❖ UG Level	4
❖ PG Level	2
❖ PhD	1(ongoing)
Administrative Assignments:	General Academic Coordinator
Membership of Reputed Bodies: (District/State/National/International Level)	ISTE