


FACULTY INFORMATION

PERSONAL INFORMATION		
Name	Prof. S Sudhagara Rajan	
Designation	Assistant Professor	
Official Email ID	rs.sudhagara@jainuniversity.ac.in	
Academic Experience	6 years	
Industry Experience	NIL	
Core Discipline	Aeronautical Engineering	
Specialization	Aeronautical Engineering	
Research Interest	Aerospace Materials, Surface Engineering	

PROFESSIONAL QUALIFICATION		
Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D.	2020 Pursuing	Vellore Institute of Technology, Vellore
Master of Aeronautical Engineering	2014	Karpagam University, Coimbatore
Bachelor of Aeronautical Engineering	2011	JGI College of Engineering and Technology, Mysore

SUMMARY OF RESEARCH PUBLICATIONS		
INTERNATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Optics & Laser Technology	Vol 111, 2019, pp 481 - 488	Influence of laser peening without coating on microstructure and fatigue limit of Ti - 15V - 3Al - 3Cr - 3Sn.
Journal of Nanoscience and Nanotechnology	Vol 19, 2019, pp 7064 - 7073	Fatigue life enhancement of titanium alloy by the development of nano / micron surface layer using laser peening.
Lecture Notes in Mechanical Engineering (LNME)	2019, pp 314 - 320	A comparison of surface and sub - surface features induced by shot peening vs laser peening on a duplex aged beta Ti alloy.

SUMMARY OF CONFERENCES PARTICIPATED		
INTERNATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
INCASE	A Star, Singapore	2019
International Conference on Advances in Materials and Material Processing (ICAAMP)	IIT Kharagpur	2016

NATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
National Metallurgy Day and Annual Technical Meeting (NMD ATM)	Indian Institute of Metals	2017

BOOKS PUBLISHED / MONOGRAMS		
Name	Year	Description
Heat Treatment of Metastable Beta Titanium Alloys	2020	Intech Open - Book Chapter
Processing of Beta Titanium Alloys for Aerospace and Biomedical Applications	2018	Intech Open - Book Chapter

PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT		
Designation	From - To	Institution / Organization
Junior Research Fellow	August 2018 - December 2019	Vellore Institute of Technology, Vellore
Assistant Professor	July 2017- August 2018	Vellore Institute of Technology, Vellore
Researcher	February 2016 - May 2016	Laboratoire de Mecanique et Rheologie (LMR), France
Research Associate	October 2014 - July 2017	Vellore Institute of Technology, Vellore

POSITIONS HELD IN THE PRESENT ORGANIZATION		
Designation	From - To	Institution / Organization
Assistant Professor	December 2019 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology