


FACULTY INFORMATION

PERSONAL INFORMATION		
Name	Dr. Subramani P	
Designation	Assistant Professor	
Official Email ID	p.subramani@jainuniversity.ac.in	
Academic Experience	1 Year	
Industry Experience	1.5 Years	
Core Discipline	Mechanical Engineering	
Specialization	Metal Joining	
Research Interest	Welding, Hot Corrosion, Material Characterization	

PROFESSIONAL QUALIFICATION		
Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
B.E. (Mechanical)	2013	JJ College of Engineering and Technology, Trichy, Tamil Nadu
M.Tech (Green Energy Technology)	2015	Pondicherry University
Ph.D. (Mechanical)	2019	Vellore Institute of Technology (VIT)

MEMBERSHIP OF PROFESSIONAL BODIES		
Professional Society	From Year	Nature of Membership
Hong Kong Society of Mechanical Engineers	2019	Lifetime Membership

SUMMARY OF RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Materials Today: Proceedings	2020, 22	Effect of Frequency on the Microstructural and corrosion behaviour of Alloy C-276 by pulsed current gas tungsten arc welding technique
Materials Today: Proceedings	2020, 22	Effect of welding speed on Aspect ratio of Hastelloy X weldment by key-hole plasma arc welding (K-PAW)
International Journal of Minerals, Metallurgy and	2019, 26 & 2	Development of Gas Tungsten Arc Welding Using Current Pulsing Technique to Preclude the Chromium Carbide Precipitate in the Aerospace Grade Alloy 80A
Transition of Indian Institute of Metals	2019, 72 & 6	Hot Corrosion Demeanour of Alloy 80A Weldments Fabricated Through Tungsten Inert Gas Welding Technique
Transition of Indian Institute of Metals	2019, 72 & 6	Hot Corrosion studies on Detonation-gun-sprayed NiCrAlY and 80Ni-20Cr coatings on alloy X22CrMoV12-1 at 600 °C
Sādhanā	2019, 44	Effect of post weld heat treatment on the microstructure and tensile properties of Electron Beam Welded 21st century Nickel based Super alloy 686
Journal of Manufacturing Processes	2018, 34	Development of welding technique to suppress the microsegregation in aerospace grade alloy 80A by conventional current pulsing technique
Materials Today: Proceedings	2018, 5	Investigations on the Microstructure, Microsegregation and Hardness Properties of Bead on Plasma Arc Welded C-276 Alloy
Materials Today: Proceedings	2018, 5	Investigation on Microstructure, Micro-segregation and Mechanical Properties of Gas Tungsten Arc Weldment of Alloy 600 by ERNiCrMo-10
IOP Conf. Series: Materials Science and Engine	2018, 402	Investigation on microstructure and tensile properties of dissimilar weld joints between AISI 316L and duplex 2205 stainless steel
Journal of Thermal Spray and Engineering	2018	High-temperature corrosion behavior of HVOF sprayed Cr ₃ C ₂ -25NiCr Coated on alloy X22CrMoV12-1 at 600°C
International Journal of Civil Engineering and Te	2018, 9 & 2	Effects of demonetisation amidst the workers of construction and engineering sectors
Springer Nature	2018	Welding Metallurgy of Corrosion Resistant 21st Century Ni-Based Superalloy 686

NATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Engineering Today Journal	2012	Optimization of machining parameter during turning of valve steel (X45CrSi93) by using taquchi method

SUMMARY OF CONFERENCES PARTICIPATED

INTERNATIONAL CONFERENCES		
Name of the Conference	Organizer, Place, Paper Title	Year
International Conference on Materials, Manufacturing and Modelling	VIT, Vellore (Effect of Frequency on Microstructural and Corrosion Demeanour of Alloy C-276 Weldment)	2019
International conference on Advanced Materials and Manufacturing Processes for Strategic Sectors (ICAMPS-2018)	Indian Institute of Metals and ISRO, Thiruvananthapuram (Influence of Overalloyed fillerwire to preclude the microsegregation in the weld joint of alloy C-276)	2018
International conference on advanced manufact	MITS, Thiruvananthapuram (Welding Metallurgy of Corrosion Resistant 21st Century Ni-Based Superalloy 686)	2018
International conference on science, engineering	VIT, Vellore (A Review on Development of Solar Drier for Proper Utilization of Solar Energy)	2015

NATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year

AWARDS / HONORS / ACHIEVEMENTS		
Nature	Year	Awarding Institution
Best Paper Presentation in National Level conferenc	2016	Vel Tech, Chennai

PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT		
Designation	From - To	Institution / Organization
Senior Engineer	2015-2017	Kraftwork Solar Pvt. Ltd.

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

RESEARCH GUIDANCE		
Total No. of Students Guided	Ph.D.	M.Phil
1	1	Nil

<https://www.jhs.ac.in/pdf/CBSE-IGCSE-Application-Form-JHS.pdf>