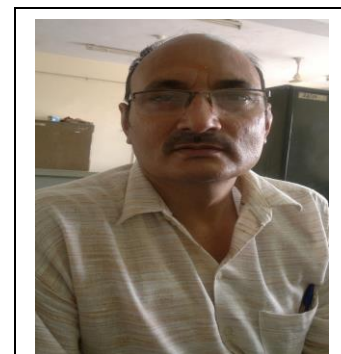


Faculty Profile

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Key Publications:-

S No.	Title of Paper (Vol and Page No.)	Name of Journal	National/ International (Publisher)	SCI/ SCIE/ SSCI/ ESCI	Scopus/ Journals of UGC listed	Year of Pub.
1	Optimal Design of flux for SAW weld metal properties based on RSM coupled with GRA and PCA,	IJMTM	International (Inder Science)		Scopus	2020
2	Experimental study on effect of flux composition on element transfer during SAW” Vol. 43 issue 2 article no 26 Feb. 2018	Sadhana Academy of sciences	International Springer	SCI	-	2018
3	. Correlation of Flux Ingredients with HAZ Width in Submerged Arc Welding”, Vol.36 No.1 pp76-81	Journal of Welding and Joining	International		-	2018
4	Influence of flux composition on microstructure and oxygen content of low carbon steels in SAW ,Vol 27(1).pp10-19	China Welding	International		Scopus	2018
5	Fuzzy Logic Optimization for Low Sulphur and Phosphorus in Submerged Arc weldments, Vol.35 No.6 pp67-72.	Journal of Welding and Joining	International		-	2017
6	Correlation of inclusion characteristics and microstructure with mechanical properties in low carbon steel weldments”, Vol.59(3) .PP 117-125.	Journal of Metallurgy and Material Science	International		-	2017

7	The correlation of weld microstructure and properties with elements transfer in SAW welds. Vol 20 (1) pp 97-100.	Journal of production Engineering	International		-	2017
8	Bead geometry optimization in SAW using RSM and GRA analysis..Vol.5(4) pp 820-825, ISSN 2348-7550, April 2017.	International journal of Advanced Technology in Engineering and sciences	International			2017
9	Optimization of heat affected zone in submerged arc welding'.Vol 6(6) pp226-232.	.International journal of advanced research in science and Engineering	International		-	2017
10	. Effect of flux composition on impact strength and hardness in submerged arc welding using developed agglomerated fluxes', vol 667pp, 158-169, 2016. Sci Impact factor 3.0.	Journal of Alloys and Compounds	International (Elsevier)	SCI	-	2016
11	Effect of flux composition on the percentage elongation and tensile strength of welds in submerged arc welding VoL LXIII No 3 PP 337-353.	Archieves of Mechanical Engineering,	International Polish Academy .		-	2016
12	Correlation of flux ingredients with area of penetration in SAW weldments.. Vol1, issue 3 pp 97-102, Nov 2016.	Journal of mechanical Engg and Bio mechanics	International		-	2016
13	Effect of minor additives on bead geometry and shape relationship using submerged arc welding fluxes," r, vol. 15, no. 2, pp. 183-196.	Journal of manufacturing science and production	International Deguryter		-	2015
14	Optimization of bead geometry in SAW using developed agglomerated fluxes.Spl issueNCPDM.pp 123-128	Blb Int.Journal of Science and	International			2015

		Technology				
15	Effect of flux composition on element transfer during SAW-A Literature Review. vol. 5, no. 12, pp. 4181-4186,	International journal of current Research	International		-	2013
16	Review on effect of flux composition on its behavior and bead geometry in submerged arc welding SAW”., vol. 5, no. 7, pp. 123-127.	Journal of Mechanical Engineering Research	International		-	2013

Papers presented in Conferences:-

S No.	Title of Paper	Name of Conferences/ Seminars	National/ International	Name of Host Institution	Year
1	Modeling of slag produced in Submerged arc welding	Int. conference on Emerging trends in Electro-Mechanical Technologies and management. 26-27 July 2019.	International	HMR,ITM Delhi	2019
2	Correlation of weld dilution with grain size and mechanical properties, paper no 64, 2-3 June 2017.	NCRAME	National	NIT Kurushetra	2017
3	Modelling and analysis of weld dilution in SAW. Pper no 38, 2-3 June 2017	NCRAME	National	NIT Kurushetra	
4	Weld Metal Properties Optimization from flux ingredients using fuzzy logic in SAW.	ICAPIE 2016 DTU Delhi.	International	DTU Delhi	2016

Awards and Recognitions:- N.A

Patent/Copyright: N.A

Sponsored Project/Consultancy: N.A

Book Chapter/Books published: N.A

Ph.D Supervised: N.A

Memberships of Professional bodies: N.A