



**Department of Mechanical Engineering**  
**JIS COLLEGE OF ENGINEERING**  
NAAC 'A' Accredited Autonomous Institution  
Affiliated by MAKAUT

## LIST OF PUBLICATION

SL no	Author(including co other)	Title of the paper	Detailed of paper	Nature of paper (journal/conference)	National /international	Journal impact no / SCI Index /ISBN No/ISSN No	Year of Publication
1	<b>Arijit Patra</b>	'Investigation on Mechanical and Physical Properties of Fly Ash Reinforced Epoxy Resin Composite',	International Organization of Scientific Research Journal, Volume 15, Issue 1, Version 2, 2018	Journal	International		2018
2	<b>Thia Paul, Sadananda Chakraborty, Dipankar Bose,</b>	Modeling and Analysis of Various Errors of Miniature Spur Gear in Wire-Cut EDM of Inconel-718,	Proceedings of COPEN-2017, PP. 619-622, 07-09/12/2017	Conference	International	ISBN: 978-93-80689-28-9	2017
3	<b>Thia Paul, Sadananda Chakraborty, Dipankar Bose,</b>	An Experiment Investigation on Surface Topography of Miniature Spur Gear by WEDM of Inconel- 718,	Proceedings of COPEN -2017, ISBN: 978-93-80689-28-9, PP. 623-626, 07-09/12/2017	Conference	International	ISBN: 978-93-80689-28-9	2017

SL no	Author(including co other)	Title of the paper	Detailed of paper	Nature of paper (journal/conference)	National /international	Journal impact no/ SCI Index /ISBN No/ISSN No	Year of Publication
4	<b>B.C.Bhunia,</b> D.R.Jana	Improvement of Thixocasting and Rheocasting Process: A Review	International Journal of Innovative Science and Research Technology, Volume 2, Issue 12, December - 2017, ISSN No:- 2456 - 2165	Journal	International	ISSN No:- 2456 - 2165	2017
5	<b>Arijit Patra</b>	Investigating Milling Burr Formation under Varying Tool Exit Angle',	Conference on Emerging Trends in Science and Technology, GITM, Krishnanagar, Nadia, 2016	Conference	<b>National</b>		2016
6	<b>Kundu, A.,</b> Banerjee, A., Mukhopadhyay, M., Mahata, S., Mandal, B., Das, S.,	An experimental investigation on grindability of Inconel using alumina wheel under dry condition,	Global Journal on Advancement in Engineering and Science, Vol. 2, Issue 1, pp. 149-153, 2016.	Journal	<b>National</b>		2016

SL no	Author(including co other)	Title of the paper	Detailed of paper	Nature of paper (journal/conference)	National /international	Journal impact no/ SCI Index /ISBN No/ISSN No	Year of Publication
7	Banerjee, A., Mukhopadhyay, M., Kundu, A., Mahata, S., Mandal, B., Das, S.,	On the performance of dry grinding of titanium grade 1 using alumina wheel;	Global Journal on Advancement in Engineering and Science, Vol. 2, Issue 1, pp. 134-148, 2016.	Journal	National		2016
8	Mukhopadhyay, M., Banerjee, A., Kundu, A., Mahata, S., Mandal, B., Das, S.,	Experimental investigation on grindability of titanium grade 1 using silicon carbide wheel under dry condition,	Global Journal on Advancement in Engineering and Science, Vol. 2, Issue 1, pp. 129-133, 2016.	Journal	National		2016
9	<b>Kundu, A.,</b> Mahata S., Mukhopadhyay, M., Banerjee, A., Mandal, B., Das, S.,	Investigating the use of soap water in SQL mode during grinding titanium alloy”,	Proceedings of National Conference on Advanced Functional Materials Processing & Manufacturing”, CMERI Durgapur, pp. 7-10.	Conference	National		2016

SL no	Author(including co other)	Title of the paper	Detailed of paper	Nature of paper (journal/conference)	National /international	Journal impact no/ SCI Index /ISBN No/ISSN No	Year of Publication
10	<b>Biswas, P., Kundu, A., Mondal, D.,</b>	An experimental investigation on hardness and microstructure of heat treated EN 9 steel,	IOP Conference Series: Materials Science and Engineering, Volume 225, conference 1. <b>DOI:</b> 10.1088/1757-899X/225/1/012055	Conference	<b>International</b>		2016
11	<b>Thia Paul, Sadananda Chakraborty, Dipankar Bose</b>	An experimental investigation on development of miniature spur gear by WEDM of Inconel 718, ,	Proceedings ofAIMTDR -2016, ISBN: 978-93-56256-27-0,PP-1523-1527,16/12/2016	Conference	<b>International</b>	ISBN: 978-93-56256-27-0	2016
12	<b>Ghosh S., Saha S. K.,</b>	“Experimental validation of RELAP5 predictions for subcooled leak flow through narrow circumferential slits”,	Annals of Nuclear Energy 75 (2015) pp. 507–515.	Journal	International		2015
13	<b>Ghosh S., Saha S. K.,</b>	“An Experimental Leak Test Facility for Subcooled Water leakages”,	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 4, Issue 5, Oct 2014, 1-12 © TJPRC Pvt. Ltd.	Journal	International	ISSN(P): 2249-6890; ISSN(E): 2249-8001,	2015

SL no	Author(including co other)	Title of the paper	Detailed of paper	Nature of paper (journal/conference)	National /international	Journal impact no/ SCI Index /ISBN No/ISSN No	Year of Publication
14	<b>Arijit Patra</b>	'Exploring Milling Burr Formation Under Different Tool Exit Angles',	Reason- A Technical Journal, ISSN 2277–1654, Vol – XIV, 2015	Journal	National	ISSN 2277–1654,	2015
15	<b>B.C.Bhunia, P.Das and S.Das</b>	Numerical Simulation of Flow Behavior of Molten Al-Si Alloy during High Pressure Die Casting Mould Filling of Knuckle Housing,	NWIC-2015, in association with Centre for Education and Training-(CET), February-14,Glass ceramic-Research Institute,.	Conference	National		2015
16	<b>P. K. Bardhan and Sujit Das.</b>	Experimental Analysis of Density of Sintered SiCp Reinforced AMMCS Using the Response Surface Method,	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-3, Issue-6, November 2013	Journal	International	ISSN: 2278-3075	2013
17	<b>Anirban Sarkar</b>	Improving Grindability Of Inconel 600 Using Alumina Wheel Through Pneumatic Barrier Assisted Fluid Application,	Advanced Material Research : Manufacturing Science And Technology III [ISSN: 1662-8985], Vol. 622-623, pp.394-398, 2013	Journal	International	ISSN: 1662-8985	2013

