

DETAIL OF PUBLICATIONS:

S.No	Title of Research Paper	Author Name	Co-Author(s) Name	Year	Volume	Page Number	Journal / Conference	Journal / Conference Name/Name of BOOK	National / International	Whether Journal is Refereed (Peer Reviewed)	ISBN/ISSN / Accn No.	DOI (If Applicable)
1	Biomachining of Aluminium alloy 46500 using Acidithiobacillus ferrooxidans Chapter in Research Book	Amanpreet Kaur Sodhi	Sonia, neeraj Bhanot	2021	113	567	conference	Sustainable Development Through Engineering Innovations, Lecture Notes In Civil Engineering	International	yes	Print ISBN 978-981-15-9553-0 Online ISBN 978-981-15-9554-7	https://doi.org/10.1007/978-981-15-9554-7_51
2	A Comparative Study for Biomachng of Aluminium Alloy 4004 using Acidithiobacillus ferrooxidans and Aspergillus niger	Amanpreet Kaur Sodhi,	Neeraj Bhanot and Pallvi Verma	2020	9	213-234	Journal	International Journal of Precision Technology	International	yes	ISSN online 1755-2079 ISSN print 1755-2060	DOI: 10.1504/IJPTEC H.2020.10032555
3	A study on removal of cutting oil from waste water by using agricultural wastes	Amanpreet Kaur Sodhi	Simran Kaur	10 April 2020	Volume=32, part 4	719-727	Journal	Materials Today: Proceedings	International	Yes	ISSN: 2214-7853	https://doi.org/10.1016/j.matpr.2020.03.328

4	Investigation on Potential use of EAF Dust and RSA for sustainable Concrete Production. Chapter in Research Book	Amanpreet Kaur Sodhi	Rajwinder Singh and Neeraj Bhanot	10 May 2019	32	127-135	Conference paper	EGRWSE-2018 Name of Book: Recycled Waste Materials, Springer, Singapore Part of the Lecture Notes in Civil Engineering book series	International	yes	Print ISBN 978-981-13-7016-8 Online ISBN 978-981-13-7017-5	https://doi.org/10.1007/978-981-13-7017-5_15
5	Application of <i>Aspergillus Niger</i> for Biomachining of Aluminium Alloy 4004 Chapter in Research Book	Amanpreet Kaur Sodhi	Pallvi Verma, Neeraj Bhanot	5 April 2019	30	127-132	conference	Sustainable Engineering Lecture Notes in Civil Engineering book series (LNCE, volume 30) Springer, Singapore	International	Yes	Print ISBN 978-981-13-6716-8 Online ISBN 978-981-13-6717-5	DOI https://doi.org/10.1007/978-981-13-6717-5_13

6	A Comparative Study on Application of <i>Acidithiobacillus ferrooxidans</i> and <i>Aspergillus niger</i> for Biomachining of EN-19 Alloy Steel. Chapter in Research Book	Amanpreet Kaur Sodhi	Jhajj T.S., Bhanot N	31 October 2018	21	323-335	conference	Proceedings of the 1st International Conference on Sustainable Waste Management through Design. ICSWMD 2018. Lecture Notes in Civil Engineering Springer, Cham	International	Yes	Print ISBN 978-3-030-02706-3 Online ISBN 978-3-030-02707-0	https://doi.org/10.1007/978-3-030-02707-0_38
7	A Study on Biomachining of Aluminium Alloy 4004 Using <i>Acidithiobacillus ferrooxidans</i> . Chapter in Research Book (Paper presentation)	Amanpreet Kaur Sodhi	Verma P., Bhanot N.	31 October 2018	21	45-50	conference	Proceedings of the 1st International Conference on Sustainable Waste Management through Design. ICSWMD 2018. Lecture Notes in Civil Engineering Springer, Cham	International	Yes	Print ISBN 978-3-030-02706-3 Online ISBN 978-3-030-02707-0	https://doi.org/10.1007/978-3-030-02707-0_7

8	Sustainable Concrete Production by Integrating Wastes: A Comparative Study with and Without <i>Bacillus Megaterium</i> . Chapter in Research Book (BEST PAPER AWARD)	Amanpreet Kaur Sodhi	Singh R., Bhanot N.	31 October 2018	21	377-385	conference	Proceedings of the 1st International Conference on Sustainable Waste Management through Design. ICSWMD 2018. Lecture Notes in Civil Engineering Springer, Cham	International	Yes	Print ISBN 978-3-030-02706-3 Online ISBN 978-3-030-02707-0	https://doi.org/10.1007/978-3-030-02707-0_43
9	Application of <i>Aspergillus niger</i> for Biomachining of EN- 19 alloy steel (Abstract)	Amanpreet Kaur Sodhi	Tanveer Singh Jhajjand Neeraj Bhanot	7-9 Feb 2018		112	Conference	21st Punjab Science Congress	National	yes		
10	Performance of Indian Mustard in Vertical Sub-surface Flow Constructed Wetlands(VSF-CW) for Heavy Metal Removal from Waste Water (Full Paper) (Paper Presented in Canada)	Amanpreet Kaur Sodhi	Simranjit Singh	15-16 July 2017		8	journal	Research Cell : An International Journal of Engineering Sciences	International	yes	ISSN: 2229-6913 (Print) ISSN: 2320-0332 (Online)	
11	Biodiesel Production using Waste Cooking Oil: A waste to energy conversion strategy (Full Paper)	Amanpreet Kaur Sodhi	Sonal Tripathi and K. Kundu	19 April 2017	19	1799	Journal	Clean Technologies and Environmental policy	International	yes	1618-954X	10.1007/S10098-017-1357-6

12	Bio- conversion of Solid Waste using Advanced Composting Technique (Abstract) (Paper Presented) (Best Paper Award)	Amanpreet Kaur Sodhi		7-9 Feb 2017		89	conference	20th Punjab Science Congress	National	yes		
13	Bio-conversion of Organic Waste by Vermi-composting. (Full Paper)	Amanpreet Kaur Sodhi		8-9 April 2016		173	conference	Research and Innovations in Engineering and technology	International	yes	978-93-856181-6-1	
14	Utilization of Wheat Straw for the Adsorption of Cutting Oil from Industrial Waste water (Full Paper)	Amanpreet Kaur Sodhi	Simran Kaur	11 March 2016		86	conference	Recent Trends in Environment Science and Technology	National	yes	978-93-84935-82-5	
15	Solid Waste Management through composting: A Review (Paper Presented) (Abstract)	Amanpreet Kaur Sodhi	Preetinder Kaur and Prateek Gill	11-12 Oct. 2014		66	conference	Geotechnical Engineering Practices and Sustainable Infrastructure Development	National	yes	978-93-82052-05-0	
16	Air Quality Monitoring and its Management	Amanpreet Kaur Sodhi	P PS Cheema, M S Bedi and Sunita kesar	30-31 May 2013		60	conference	DAV National Congress on Science and Technology.	National	yes		

17	Emerging Trends of Electronics and Communication in Chemistry Laboratory-A Review (Full Paper) (PAPER PRESENTED)	Amanpreet Kaur Sodhi		21-22 March 2013	II	529	conference	Recent Advances in Electronics and Communication Technologies	National	yes	978-81-923777-4-2	
18	Synthesis of Phosphonates and a Comparative Study of P-O-C (aliphatic) and P-O-C(aromatic) Linkage for their Herbicidal Use (Full Paper)	Amanpreet Kaur Sodhi		2011	3	269	journal	International Journal of Chemistry and Applications	International	yes	0974-3111	
19	Synthesis and Herbicidal Activities of Some Substituted Phosphonates and Thiophosphonates (Full Paper)	Amanpreet Kaur Sodhi	M.S.Bhatia	2005	14	161	journal	Chemical and Environmental Research	International	yes	0971-2151	
20	Studies on Synthesis of Acrylamides as Potential Herbicides (Abstract)	Amanpreet Kaur Sodhi	Ritu Mittal &M.S. Bhatia	28-30 April 1997		10	conference	1 st Punjab Science Congress	National	yes		
21	Synthesis and Herbicidal Activity of Phosphorous Compounds (Abstract)	Amanpreet Kaur Sodhi	M.S. Bhatia	28-30 April 1997		28	conference	1 st Punjab Science Congress	National	yes		

22	Herbicidal Activity of Some of the Newly Synthesized Compounds Containing Phosphorous (Abstract)	Amanpreet Kaur Sodhi	M.S. Bhatia	19-21 Feb 1997		89	conference	7 th Biennial Conference of Indian Society of Weed Sciences	National	Yes		
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