

Dr. Pardeep Kaur,
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Publications					
Publication in SCI and Non-SCI Journals					
No.	Author(s)	Year of Publication	Title of Paper	Name of the Journal, volume/ page numbers	IISN/ISB N no.
1	Kaur P, Kocher G S and Taggar MS	2020 (In Press)	Assessment of biological pretreatment vis- à-vis chemical pretreatment for bioethanol production from rice straw.	Indian Journal of Chemical Technology	0971-457X (Print)
2	Kaur P, Taggar MS and Kaur J	2020 (In press)	Cellulytic Microorganisms: Diversity and role in conversion of rice straw in to bioethanol.	Cellulose Chemistry and Technology	0576-9787 (Print)
3	Kaur P, Kocher G S and Taggar M S	2019	Development of fungal consortium for the pretreatment of rice straw under optimized solid state and shake flask conditions	Environment Progress and Sustainable Energy38(2) 635-646	1944-7450 (Online)
4	Kaur P, Kocher G S and Taggar M S	2019	Enhanced bio-composting of rice straw using agricultural residues: an alternate to burning.	International Journal of Recycling of Organic Waste in Agriculture doi.org/10.1007/s40093-019-0263-9.	2251-7715 (Online)
5	Kaur P, Kocher G S and Taggar M S	2018	Comparison of Ethanol Production from Rice Straw by <i>Saccharomyces cerevisiae</i> and <i>Zymomonas mobilis</i>	Journal of Biofuels 9(2)92-98.	0976-3015 (Print)
6	Kaur S, Sonam and Kaur P	2018	Bioethanol production from mild alkali pretreated sawdust and groundnut shells.	International Research Journal of Biological Science.7(12):8-14.	2278-3202 (Online)
7	Sood M, Dolma T and Kaur P	2018	Isolation and screening of fungal strains for bioremediation of textile effluent.	International Research Journal of Biological Science 7(12):8-14.	2278-3202 (Online)
8	Kaur P, Kocher G S, Taggar M S and Sooch S S and Kumar V	2018	Development of cellulase producing thermophilic fungal consortium for saccharification of two-step pretreated rice straw and its utilization for bioethanol production	International Journal of Pure and Applied Biosciences.6(5)1233-48	2582-2848 (Electronic)

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9	Kaur P , Kocher G S and Taggar M S	2017	Optimization of saccharification of biological pretreated rice straw by Response surface methodology.	International Journal of Current Microbiology and Applied Sciences 6(10):1112-23.	2319-7692 (Print)
10	Kaur B,,Taggar M S, Sharma P and Kaur P	2017	Screening of bacterial strains for lipase production and its application in biodiesel synthesis	International Journal of Chemical Studies 5(3): 230-36.	2349-8528 (Print)
11	, Kocher G S, Taggar M S, Sooch S S and Kumar V	2017	Assessment of thermophilic fungal strains for cellulase production using chemical pre-treated rice straw.	Chemical Science Reviews and Letters 6(21): 629-34.	2278-6783
12	GS Kocher Pardeep Kaur , and M S Taggar	2016	An overview of pretreatment processes with special reference to biological pretreatment for rice straw delignification.	Current Biochemical Engineering4(3):151-163.	2212-7119/17
13	Kaur P and Vyas A	2012	Characterization and optimal production of alkaline α -amylase from Bacillus sp. DLB 9	African Journal of Microbiology 6(11): 2674-81.	996-0808
14	Kaur P , Kocher G S, and Phutela R P	2011	Production of tea vinegar by batch and semi continuous fermentation.	Journal of Food Science and Technology 48(6):755-58	0022-1155 (Online)

Papers in Indian/International Conferences

	Author(s)	Year of Publication	Title of Paper	Name and Place of Conference
15	Kaur P and Kocher GS	2018	Fungal consortium pretreatment of paddy straw and its utilization for ethanol production	21 st Punjab Science Congress 'Scientific advances for inclusive development and environmental protection', at Punjab Agricultural University, Ludhiana
16	Kaur P , Kocher G S, Taggar M S, Sooch S S and Kumar V	2017	Sequential acid and alkali pretreatment of rice straw for bioethanol production	Recent advances in microbial biotechnology:Application in industry and society, at Lyallpur Khalsa College, Jalandhar
17	Kaur P , Kocher G S, Taggar M S, Sooch S S and Kumar V	2017	Development of fungal consortium for pretreatment of paddy straw	Recent advances in microbial biotechnology:Application in industry and society, at Lyallpur Khalsa College, Jalandhar

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18	Kaur P, Kocher G S and Taggar M S	2016	Combined acid and alkali pretreatment of rice straw for enhanced production of cellulolytic enzymes	2 nd International Conference on 'Recent advances in biofuel research' at S. Swaran Singh National Institute of Bioenergy, Kapurthala
19	Kaur P, Kocher G S, Taggar M S and Sooch S S	2016	Isolation and screening of thermophilic fungi for cellulase production on rice straw under solid state fermentation,	19 th Science Congress at SUS, Tangori (Mohali)
20	Kaur P, Kocher GS and Taggar M S	2015	Solid state fermentation of paddy straw by a fungal consortium for production of lignolytic enzymes	56 th Annual International Conference of Association of Microbiologists of India at JNU, New Delhi

Books/ Book Chapters

	Name of Book	Chapter Title	Year of Publication	Name of Publisher	Co-authors (if any)
1	Nanobiotechnology for sustainable bioenergy and biofuel production	Nanobiotechnology of ligninolytic and cellulolytic enzymes for enhanced bioethanol production	2020	CRC Press/Taylor and Francis Group, Florida, USA	G S Kocher
2	Microbial Biotechnology: Basic Research and Applications	Microalgae as nutraceutical for achieving sustainable food solution in Future.	2020	Springer Nature, Singapore.	NA

TRAININGS/WORKSHOPS/ SEMINARS/SYMPOSIA ATTENDED

1. Two Day National Symposium on Emerging Genomic Trends in Fetal and Neonatal Diagnosis at Guru Granth Sahib World University from 7-8th March, 2018.
2. Training on "Radiation Technology" at Bhabha Atomic Research Centre (BARC), Mumbai from 21st to 25th November, 2016.
3. Workshop on "From Petri plate to Bioreactor" held at GGSDS College, Chandigarh from 25th to 31st December, 2012.
4. Biodiversity awareness in 21st century on 28 March, 2011 at Mata Gujri College, Fatehgarh Sahib.
5. Environmental issues: Prospective and challenges on 8 February, 2011 at Mata Gujri College, Fatehgarh Sahib.
6. Advanced techniques in Basic Research: Tools of 21st century on 1st May, 2010 at PGIMER, Chandigarh.