

List of Publications of Faculty members in peer reviewed International Journals

S. No.	Title of paper	Name of the author/s	Department	Name of journal	Impact Factor	Year	ISSN number	Link to article/paper/abstract of the article	View
1.	Probing on crystallographic structural and surface morphology of hydrothermally synthesized MoS ₂ nanoflowers consisting of nanosheets	Naveen Kumar, Piyush Siroha, Yashpal Sharma, Davender Singh, Kajal Kumar Dey, Rajesh Kumar, Hitesh Borkar, Jitendra Gangwar	Physics	Applied Surface Science Advances		2021	2666-5239	https://www.sciencedirect.com/science/article/pii/S2666523921001136	View
2.	Facile solution combustion synthesized, Li doped ZnO nanostructures for removal of abiotic contaminants	Suprabha Yadav, Jitender Jindal, Anuj Mittal, Shankar Sharma, Kavitha Kumari, Naveen Kumar	Chemistry	Journal of Physics and chemistry of Solids	3.995	2021	0022-3697	https://ui.adsabs.harvard.edu/abs/2021JPCS..15710217Y/abstract	View
3.	Carbon Materials as CO ₂ adsorbents: a review	Anuradha Sharma, Jitender Jindal, Anuj Mittal, Kavitha Kumari, Sanjeev Maken, Naveen Kumar	Chemistry	Environmental Chemistry Letter	8.700	2021	1610-3653	https://link.springer.com/article/10.1007/s10311-020-01153-z	View
4.	Biochemical properties of cellulolytic and xylanolytic enzymes from Sporrotrichum thermophile and their utility in bioethanol production	Bijender Singh, Anju Bala, Anu, Alokika, Vinod Kumar, Davender Singh	Physics	Preparative Biochemistry & Biotechnology	1.850	2021	1082-6068	https://www.tandfonline.com/doi/abs/10.1080/10826068.2021.1925911	View

	using rice straw								
5.	A greener, mild, and efficient bioprocess for the pretreatment and saccharification of rice straw	Anu, Vinod Kumar, Davender Singh, Bijender Singh	Physics	Biomass Conversion and Biorefinery	4.987	2021	2190-6815	https://www.springerprofessional.de/en/a-greener-mild-and-efficient-bioprocess-for-the-pretreatment-and/19022430	View
6.	Sporotrichum thermophile culture extract-mediated greener synthesis of silver nanoparticles: Eco-friendly functional group transformation and anti-bacterial study	Akshay Shankar, Vinod Kumar, Naveen Kumar Kaushik, Anil Kumar, Vinay Malik, Davender Singh, Bijender Singh	Physics	Current Research in Green and Sustainable Chemistry	6.457	2020	2666-0865	https://www.sciencedirect.com/science/article/pii/S2666086520300321	View
7.	Multifarious pretreatment strategies for the lignocellulosic substrates for the generation	Anu, Anil Kumar, Alexander Rapoport, Gotthard Kunze, Sanjeev Kumar, Davender Singh, Bijender Singh	Physics	Renewable Energy	8.001	2020	0960-1481	https://www.sciencedirect.com/science/article/abs/pii/S0960148120311071	View

	of renewable and sustainable biofuels: A review								
8.	Production of cellulolytic enzymes by <i>Myceliophthora thermophila</i> and their applicability in saccharification of rice straw	Anu, Anil Kumar, Davender Singh, Vinod Kumar, Bijender Singh	Physics	Biomass Conversion and Biorefinery	4.987	2020	2190-6815	https://link.springer.com/article/10.1007/s13399-020-00783-1	View
9.	Secretome analysis of thermophilic mould <i>Myceliophthora thermophila</i> cultivated on rice straw and hydrolysis of lignocellulosic biomass for bioethanol production	Anju Bala, Alokika, Anil Kumar, Sanjeev Kumar, Davender Singh, Bijender Singh	Physics	Biocatalysis and Biotransformation	2.090	2020	1024-2422	https://www.tandfonline.com/doi/abs/10.1080/10242422.2020.1711743	View