

Name of faculty	Title of publication	Name of conference, vol,issue,pp	Year of conference	ISSN/ISBN	DOI (if any)
HS Farwaha, P Singh, M Kumar, N Ranjan, H Kaur	Enhancing sustainability in manufacturing: A case study on reducing changeover time through single minute exchange of dies and risk analysis	2nd International Conference on Advanced Earth Science and Foundation Engineering (ICASF 2023), AIP Conference Proceedings Vol. AIP Conf. Proc. 3050, 050009 (2024)	2023		https://doi.org/10.1063/5.0193678
Dr. Shehbaaz Singh Brar	High Temperature Corrosion and Role of Al ₂ O ₃ .TiO ₂ Coatings - A Review	Sustainable development through engineering innovations	2020		
Dr. Shehbaaz Singh Brar	A review on Detonation Gun Sprayed Coatings	International web conference on Recent Trends and Developments in Applied Research and Industrial Practices (ICRTDARIP-2020)	2020		
Dr. Shehbaaz Singh Brar	A review on LVOF Sprayed Coatings	International web conference on Recent Trends and Developments in Applied Research and Industrial Practices (ICRTDARIP-2020)	2020		
Dr. Amrinder Singh Pannu	Characterization of surface treated flax fiber using fourier transformation infrared (FTIR) analysis	AIP Conference Proceedings, Proceedings of 1st International conference on Advances in Material Science and Technology (ICAMST 2022) , vol 2962, issue 1, pp: 020046 (1-9).	2022	9780735448162	https://doi.org/10.1063/5.0192266
Dr. Amrinder Singh Pannu	Green composites and their manufacturing techniques-a review	AIP Conference Proceedings, Proceedings of International conference on Materials for Emerging Technologies (ICMET 2021), vol 2800, issue 1, pp: 020029 (1-9)	2023	9780735446311	https://doi.org/10.1063/5.0163999

Dr. Amrinder Singh Pannu	Sustainable Use of Agri-Waste in the Production of Green Hybrid Composites	Sustainable Development through Engineering Innovations, Select Proceedings of SDEI 2020, Lecture notes in Civil Engineering , vol 113, pp: 125-132	2021	978-981-15-9554-7	https://doi.org/10.1007/978-981-15-9554-7_11
Dr. Amrinder Singh Pannu	Kenaf-Fiber-Based Bio-materials: A Review on Processing and Mechanical Properties	Recent Trends in Engineering DesignSelect Proceedings of ICAST 2020, ,Lecture notes in Mechanical Engineering , pp: 87-94	2021	978-981-16-1079-0	https://doi.org/10.1007/978-981-16-1079-0_10
Er Kanwalpreet Sahni and Dr Jasmaninder Singh Grewal	“Slurry Erosion Behaviour of WC-10Co-4Cr Coated CF8M Turbine Steel”	3rd International Conference On Contemporary Advances In Mechanical Engineering (ICCAME-2021), MaterialsToday : Proceedings, volume 56, part 5, pages 2666-2671	2021		https://doi.org/10.1016/j.matpr.2021.09.236
Deepak Dhand, Jasmaninder Singh Grewal and Parlad kumar	The microstructural characteri	International Conference on Materials, Energy and Mechanical Engineering (ICME2-2021), AIP Conference Proceedings 2715, 020021 (2023)	2021	-	doi.org/10.1063/5.0134199
Manjot Singh Bedi, Jasmaninder Singh Grewal, RoshanlalVirdi	Experimental Investigation of Wear Behavior of Titanium Based Protective Coatings on Zero Tillage Blades	8 th National Conference on Advances in Manufacturing Technology, conducted By Nitttr, Chandigarh	2024	in process	
Mukesh Rekhi, Jasmaninder Singh Grewal, Manjot Singh Bedi	A comprehensive MCDM-based approach using TOPSIS, VIKOR, EDAS and PROMETHEE as an auxiliary tool for material selection in boiler related industries.	8 th National Conference on Advances in Manufacturing Technology, conducted By Nitttr, Chandigarh	2024	In process	

Satwant Singh	Analysis of Wear and Hardness During Surface Hardfacing of Alloy Steel By Thermal Spraying, Electric Arc and TIG Welding	2 nd international conference on functional material, manufacturing and performances (ICFMMP-2021)	17-18 sep 2021		https://doi.org/10.1016/j.matpr.2021.09.122
Raman Kumar	Role of Machine Learning in Sustainable Manufacturing Practices: An Outline	Fifth International Conference Intelligent Manufacturing and Energy Sustainability (ICIMES-2023) Innovation Ecosystems for Industry 5.0 held on June 23-24, 2023, Malla Reddy College of Engineering and Technology (MRCET), Dhulapally, Near Kompally Secunderabad – 500100, Telangana State, India. Springer: SIST Series ISSN: 2190-3018	2023		https://link.springer.com/chapter/10.1007/978-981-99-6774-2_48
Raman Kumar	Efficient and Cost-Effective Renewable Energy Integration of Photovoltaic and Hydro in Rural India using HOMER Pro: A Case Study of Chupki, Punjab	Fifth International Conference Intelligent Manufacturing and Energy Sustainability (ICIMES-2023) Innovation Ecosystems for Industry 5.0 held on June 23-24, 2023, Malla Reddy College of Engineering and Technology (MRCET), Dhulapally, Near Kompally Secunderabad – 500100, Telangana State, India. Springer: SIST Series ISSN: 2190-3018	2023		https://link.springer.com/chapter/10.1007/978-981-99-6774-2_26

Raman Kumar	Efficiency Enhancement and Energy Optimization in Alloy Steel Drilling: An Experimental and Statistical Analysis	Fifth International Conference, Intelligent Manufacturing and Energy Sustainability (ICIMES-2023) Innovation Ecosystems for Industry 5.0 held on June 23-24, 2023, Malla Reddy College of Engineering and Technology (MRCET), Dhulapally, Near KompallySecunderabad – 500100, Telangana State, India.Springer: SIST Series ISSN: 2190-3018	2023	https://link.springer.com/chapter/10.1007/978-981-99-6774-2_25	
Raman Kumar	Integrating Sustainable Energy Systems and Artificial Intelligence: Transforming the Future of Energy	Fifth International Conference, Intelligent Manufacturing and Energy Sustainability (ICIMES-2023) Innovation Ecosystems for Industry 5.0 held on June 23-24, 2023, Malla Reddy College of Engineering and Technology (MRCET), Dhulapally, Near KompallySecunderabad – 500100, Telangana State, India.Springer: SIST Series ISSN: 2190-3018	2023		
Raman Kumar	An Overview of Drivers and Barriers to Renewable Energy Systems	International Conference on Green Energy 2023 held on 16-17 May, 2023 organised by AISSMS College of Engineering, Pune, under the Aegies of Western Regional Chapter of Solar Energy Society of India (SESI)	2023		
Raman Kumar	Security and Privacy Challenges in the Deployment of Cyber-Physical Systems in Smart City Applications: State-of-Art Work	2 nd International Conference on Innovative Technology for Sustainable Development- ICITSD-2022., Published in Materials Today: Proceedings	2022	https://doi.org/10.1016/j.matpr.2022.03.123	

Raman Kumar	Piezoelectric materials in sensors: Bibliometric and visualization analysis	International Conference on Materials Science and Sustainable Manufacturing Technology ICMSSMT 2022, 20-21 May 2022, Coimbatore, Tamil Nadu, India	2022	https://doi.org/10.1016/j.matpr.2022.06.484	
Raman Kumar	An Investigation of Energy Efficiency in Finish Turning of EN 353 Alloy Steel	The 28th CIRP Life Cycle Engineering (LCE) Conference 2021, Jaipur, India from 10–12 March 2021.	2021	https://doi.org/10.1016/j.procir.2021.01.170	
Raman Kumar	Analysis of Air Quality Index During Lockdown: A Case of Ludhiana District-Punjab	Lecture Notes in Civil Engineering, Vol. 113, Springer	2020	https://link.springer.com/chapter/10.1007/978-981-15-9554-7_60	
Raman Kumar	Selection of Inverter Technology Air Conditioner: An Evaluation Based on Distance from Average Solution	International Conference on Sustainable Development through Engineering Innovations, Guru Nanak Dev Engineering College, Ludhiana, Punjab, India, pp. 96-103, 17 th – 19 th September 2020, Excel India Publisher, New Delhi ISBN: 978-93-89947-14-4	2020	ISBN: 978-93-89947-14-4	