



LLOYD INSTITUTE OF MANAGEMENT & TECHNOLOGY
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LIST OF PAPER PUBLISHED (2023-24)

S. No.	Name of the Faculty Member	Authors	Title of paper	Name of the Journal	Year	Volume	Issue	Page No.	ISSN No.	Impact Factor	DOI	Indexing (SCIE/ESCI/SCOPUS)
1.	Kanchan Kohli, Afeefa Noor	Afeefa Noor, Sobia Jamil, Thikra Waleed Sadeq, Marwah Sulaiman Mohammed Ameen, Kanchan Kohli	Development and Evaluation of Nanoformulations Containing Timur Oil and Rosemary Oil for Treatment of Topical Fungal Infections	Gels	01 July 2023	9	7	1-27	2310-2861	5.0	10.3390/gels9070516	SCIE
2.	Deepika Saini	Ritu Babbar, Sonam Makkar, Deepika Saini, Ritu Rawat, Catherine Vargas-De-La-Cruz, F Q Alenzi, Tapan Behl	Benzimidazol-1-yl-1-Phenylpropanone Analogs as Potent Antimicrobial Agents: Rational Design and Synthesis	Chemistry and Biodiversity	05 July 2023	20	8	-	1612-1872	2.3	10.1002/cbdv.202300379	SCIE
3.	Kanchan Kohli	Shwetakshi Sharma, Priya Gupta, Annie Gupta, S M Kawish, Zeenat Iqbal, Divya Vohora, Kanchan Kohli	Rapid Analytical Method Development and Validation of RP-HPLC Method for the Simultaneous Estimation of Exemestane and Genistein with Specific Application in Lipid-Based Nanoformulations	ACS Omega	05 July 2023	8	28	25101-25113	2470-1343	3.7	10.1021/acsomega.3c01791	SCIE
4.	Kanchan Kohli	Anjali Rathee, Pavitra Solanki, Surajpal Verma, Divya Vohora, Mohammad Javed Ansari, Alhussain Aodah, Kanchan Kohli, Yasmin Sultana	Simultaneous Determination of Posaconazole and Hemp Seed Oil in Nanomicelles through RP-HPLC via a Quality-by-Design Approach	ACS Omega	10 August 2023	8	33	30057-30067	2470-1343	4.1	10.1021/acsomega.3c02097	SCIE

5.	Kanchan Kohli	Tanya Ralli, Zoya Saifi, Zakiya Usmani, Vidhu Aeri, Mohd. Aqil, Kanchan Kohli	Silymarin as a Phyto-Pharmaceutical: Isolation, Simultaneous Quantification of Four Biomarkers and In-Silico Anti-Inflammatory Activity	Chinese Journal of Analytical Chemistry	01 October 2023	51	3	1-9	1872-2040	1.2	10.1016/j.cjac.2022.100174	SCIE
6.	Kanchan Kohli	Priya Gupta, Shwetakshi Sharma, Yub Raj Neupane, Zafar Khan, Shahnawaz Ahmad, Nasr A Emad, Mohd Aqil, Kanchan Kohli, Yasmin Sultana	Co-Delivery of Exemestane and Thymoquinone Via Nanostructured Lipid Carriers for Efficient Breast Cancer Therapy	Journal of Drug Delivery Science and Technology	01 October 2023	88	-	-	1773-2247	4.5	10.1016/j.jddst.2023.104892	SCIE
7.	Radha Goel	Nakul Gupta, Chandra Prakash Antham, Karabi Kalita Das, Radha Goel, Rahman S Zabibah, Manish Kumar	Advanced Composite Manufacturing Using Additive Manufacturing and Robotic Techniques	E3S Web of Conferences	06 October 2023	430	01118	1-10	2267-1242	-	10.1051/e3sconf/202343001118	SCOPUS
8.	Shilpi Chauhan	Piyush Singhal, B Vijay Krishna, Ashwani Kumar, Shilpi Chauhan, Hawraa K Judi, Alok Jain	Optimization of Design and Performance of Medical Implants Using FEA	E3S Web of Conferences	06 October 2023	430	01114	1-10	2267-1242	-	10.1051/e3sconf/202343001114	SCOPUS
9.	Ashish Kumar Parashar	Gaurav Pant, M Siva Swetha Reddy, Praveen, Ashish Kumar Parashar, Safa Abdul Kareem, Ginni Nijhawan	Advanced Casting Techniques for Complex-Shaped Components: Design, Simulation and Process Control	E3S Web of Conferences	06 October 2023	430	01110	1-10	2267-1242	-	10.1051/e3sconf/202343001110	SCOPUS
10.	Radha Goel	Nakul Gupta, Gopu Srilekha, Karabi Kalita Das, Radha Goel, Muthana Saleh Mashkour, Manish Kumar	Novel Manufacturing Techniques for Multifunctional Composites: Integration of Sensors and Actuators	E3S Web of Conferences	06 October 2023	430	01117	1-10	2267-1242	-	10.1051/e3sconf/202343001117	SCOPUS
11.	Savita Bhati	Shiva Prakash S, B Santhosh Kumar, Manoj Kumar Vishkarma, Savita Bhati, Rahman S Zabibah, Manish Gupta	Effects of Processing Parameters on the Microstructure and Mechanical Properties of Intermetallic Matrix Composites	E3S Web of Conferences	07 October 2023	430	01119	1-12	2267-1242	-	10.1051/e3sconf/202343001119	SCOPUS
12.	Lalit Kumar	Toshit Jain, S Lakshmana Chari,	Characterization of Sustainable Bio-Based	E3S Web of Conferences	06 October 2023	453	01104	1-11	2267-1242	-	10.1051/e3sconf/20234300110	SCOPUS

	Tyagi	Dinesh Kumar Yadav, Lalit Kumar Tyagi, Hawraa K Judi, Navdeep Singh	Materials for Food Packaging Applications								4	
13.	Vandana Arora Sethi	B Ramesh, R J Anandhi, Atul Singla, Pradeep Kumar Chandra, Vandana Arora Sethi, Ahmed Salam Abood	Sustainable Materials for Water Treatment: A Comprehensive Review	E3S Web of Conferences	06 October 2023	430	01103	1-10	2267-1242	-	10.1051/e3sconf/202343001103	SCOPUS
14.	Surovi Paul	Din Bandhu, B Pravallika, Abhishek Kaushik, Surovi Paul, Hanaa Addai Ali, Vishal Sharma	Revolutionizing Material Science: Exploring the Novel Applications of Thermally-Enhanced Processes in Next-Generation Materials	E3S Web of Conferences	06 October 2023	430	01140	1-9	2267-1242	-	10.1051/e3sconf/202343001140	SCOPUS
15.	Sonali Jayronia	C Rakesh, Ravi Babu T, Vandna Kumari, Sonali Jayronia, Fouad A Al-Saady, Amandeep Nagpal	Multiscale Characterization of Microstructural Evolution in Powder Metallurgy and Ceramic Forming Processes	E3S Web of Conferences	06 October 2023	430	01128	1-11	2267-1242	-	10.1051/e3sconf/202343001128	SCOPUS
16.	Koushal Dhamija	Bharat Singh, B Anupama, Ravi Kalra, Koushal Dhamija, Ali kareem, Manish Kumar	Investigating the Effects of Advanced Heat Treatment Techniques on the Mechanical Properties of Cast Components	E3S Web of Conferences	06 October 2023	430	01112	1-10	2267-1242	-	10.1051/e3sconf/202343001112	SCOPUS
17.	Savita Bhati	Nagendra, Singavarapu Sujani, Manoj Kumar Vishkarma, Savita Bhati, Fouad A Al-Saady, Lovi Raj Gupta	Investigating the Corrosion Behaviour and Electrochemical Properties of Intermetallic Matrix Composites	E3S Web of Conferences	06 October 2023	430	01120	1-9	2267-1242	-	10.1051/e3sconf/202343001120	SCOPUS
18.	Shilpa Pahwa	Pankaj Sonia, A Sathish Kumar, Irfan Khan, Shilpa Pahwa, Zahraa N Salman, Navdeep Singh	Sustainable Manufacturing of High-Performance Composites from Recycled Materials	E3S Web of Conferences	06 October 2023	430	01105	1-11	2267-1242	-	10.1051/e3sconf/202343001105	SCOPUS
19.	Nisha Gupta	K D Bopanna, C S L Vijaya Durga, Harjeet Singh, Nisha Gupta, Fouad A Al-Saady, Ginni Nijhawan	Enhanced Sintering Performance of Ceramic Composites Fabricated by Powder Metallurgy	E3S Web of Conferences	06 October 2023	430	01126	1-10	2267-1242	-	10.1051/e3sconf/202343001126	SCOPUS
20.	Shekhar Sharma	G Gayatri Tanuja, Pendyala Shamili Srimani, A L N Rao,	Innovative Technologies for Sustainable Recycling and Re-manufacturing of	E3S Web of Conferences	06 October 2023	430	01130	1-9	2267-1242	-	10.1051/e3sconf/202343001130	SCOPUS

		Shekhar Sharma, Muthana Saleh Mashkour, Navdeep Singh	Materials and Components									
21.	Vivek Dhiyani	Kodli Basanth Kumar, Srinivas Govada, Ankit Meheta, Vivek Dhiyani, Ali Albawi, Lavish Kansal	Intelligent Control of SMART Materials for Energy Harvesting and Storage Devices	E3S Web of Conferences	06 October 2023	430	01134	1-11	2267-1242	-	10.1051/e3sconf/202343001134	SCOPUS
22.	Shivani Singh	Soni Kumari, G Sarat Raju, Shivani Singh, Pradeep Kumar Chandra, Zahraa N Salman, Gaurav Sethi	Evaluation of the Environmental Performance of Traditional Leather Materials in Fashion Industry	E3S Web of Conferences	06 October 2023	430	01107	1-11	2267-1242	-	10.1051/e3sconf/202343001107	SCOPUS
23.	Chitra Gupta	Kodli Basanth Kumar, R Anuradha, Shashi Prakash Dwivedi, Chitra Gupta, Fouad A Al-Saady, Gaurav Sethi	Design and Characterization of Multifunctional SMART Materials for Sensing and Actuation Applications	E3S Web of Conferences	06 October 2023	430	01132	1-9	2267-1242	-	10.1051/e3sconf/202343001132	SCOPUS
24.	Surovi Paul	K Gopal, Shaik Ruksana Begam, Arun Pratap Srivastava, Surovi Paul, Rahman S Zabibah, Navdeep Singh	Environmental and Economic Benefits of Closed-Loop Supply Chains: A Case Study of Recycling and Re-manufacturing of Materials and Components	E3S Web of Conferences	06 October 2023	430	01131	1-9	2267-1242	-	10.1051/e3sconf/202343001131	SCOPUS
25.	Vivek Dhiyani	M Ravi Kumar, V Phaninder Reddy, Ankit Meheta, Vivek Dhiyani, Fouad A Al-Saady, Alok Jain	Investigating the Effects of Process Parameters on the Size and Properties of Nano Materials	E3S Web of Conferences	06 October 2023	430	01125	1-9	2267-1242	-	10.1051/e3sconf/202343001125	SCOPUS
26.	Shilpa Pahwa	Pankaj Sonia, G Sravanth, Irfan Khan, Shilpa Pahwa, Zahraa N Salman, Gaurav Sethi	Sustainable Utilization of Natural Stone Resources: Environmental Impacts and Preservation of Cultural Heritage	E3S Web of Conferences	06 October 2023	430	01106	1-10	2267-1242	-	10.1051/e3sconf/202343001106	SCOPUS
27.	Nisha Gupta	Abhishek K, B Anupama, Harjeet Singh, Nisha Gupta, Muthana Saleh Mashkour, Lavish Kansal	Super Alloy Coatings for Enhanced Corrosion and Oxidation Resistance in Extreme Environments	E3S Web of Conferences	06 October 2023	430	01135	1-11	2267-1242	-	10.1051/e3sconf/202343001135	SCOPUS
28.	Preeti Maan	Manoj Kumar Agrawal, T Saritha Kumari, Preeti Maan,	Coupled Multiphysics Simulation using FEA for Complex Fluid-Structure	E3S Web of Conferences	06 October 2023	430	01116	1-10	2267-1242	-	10.1051/e3sconf/202343001116	SCOPUS

		Bhishm Pratap, Muthana Saleh Mashkour, Vishal Sharma	Interaction Problems									
29.	Sonali Jayronia	Baswaraju Swathi, B Varasree, Vandna Kumari, Sonali Jayronia, Hazim Y Saeed, Manish Kumar	Advances in Design and Development of High-Performance Super Alloys for Extreme Environments	E3S Web of Conferences	06 October 2023	430	01137	1-11	2267-1242	-	10.1051/e3sconf/202343001137	SCOPUS
30.	Ashish Kumar Parashar	Gaurav Pant, Prasanta Kumar Mohanta, Praveen, Ashish Kumar Parashar, Safa Abdul Kareem, Lavish Kansal	Investigating the Microstructure and Mechanical Properties of Materials Joined using Advanced Welding Techniques	E3S Web of Conferences	06 October 2023	430	01109	1-10	2267-1242	-	10.1051/e3sconf/202343001109	SCOPUS
31.	Niti Sharma	C Rakesh, Ala Harika, Neeraj Chahuan, Niti Sharma, Rahman S Zabibah, Amandeep Nagpal	Towards a Circular Economy: Challenges and Opportunities for Recycling and Re-manufacturing of Materials and Components	E3S Web of Conferences	06 October 2023	430	01129	1-11	2267-1242	-	10.1051/e3sconf/202343001129	SCOPUS
32.	Vandana Arora	Balaji B, P S Kumar, Ashish Parmar, Vandana Arora, Dhuha S Abdul-Zahra, Ginni Nijhawan	Investigation of Microstructure and Mechanical Properties of High-Temperature Super Alloy under Room and Elevated Temperature	E3S Web of Conferences	06 October 2023	430	01102	1-10	2267-1242	-	10.1051/e3sconf/202343001102	SCOPUS
33.	Preeti Maan	Manoj Kumar Agrawal, V B Sree, Preeti Maan, Bhishm Pratap, Rahman S Zabibah, Vishal Sharma	FEA-Based Investigation of Fatigue Life and Durability of Materials and Structures in Automotive Applications	E3S Web of Conferences	06 October 2023	430	01115	1-11	2267-1242	-	10.1051/e3sconf/202343001115	SCOPUS
34.	Koushal Dhamija	Bharat Singh, Chandra Prakash Kumar, Ravi Kalra, Koushal Dhamija, Zahraa N Salman, Manish Kumar	Characterization of Microstructure and Mechanical Properties of Cast Materials using Advanced Techniques	E3S Web of Conferences	06 October 2023	430	01111	1-8	2267-1242	-	10.1051/e3sconf/202343001111	SCOPUS
35.	Meenakshi	Santosh Kumar B, K Rashmi, Deepika Arora, Meenakshi, Hazim Y Saeed, Ginni Nijhawan	Innovative Ceramic Forming Techniques for High-Strength, Low-Density Components	E3S Web of Conferences	06 October 2023	430	01127	1-10	2267-1242	-	10.1051/e3sconf/202343001127	SCOPUS
36.	Meenakshi	Abhishek K, P Hari Krishna Babu, Deepika Arora,	Exploring the Microstructural and Mechanical Properties of	E3S Web of Conferences	06 October 2023	430	01136	1-12	2267-1242	-	10.1051/e3sconf/202343001136	SCOPUS

		Meenakshi, Hazim Y Saeed, Sorabh Lakhanpal	Next-Generation Super Alloys									
37.	Shilpa Pahwa	M K Srinath, R Anusha, Shashi Prakash Dwivedi, Chitra Gupta, Hanaa Addai Ali, Sorabh Lakhanpal	Development of Multifunctional Nanomaterials and Devices for Biomedical Applications	E3S Web of Conferences	06 October 2023	430	01123	1-11	2267-1242	-	10.1051/e3sconf/202343001123	SCOPUS
38.	Niti Sharma	Baswaraju Swathi, K Praveena, Neeraj Chahuan, Niti Sharma, Hazim Y Saeed, Alok Jain	Thermal Modulation in Nanostructured Materials for Advanced Applications	E3S Web of Conferences	06 October 2023	430	01138	1-11	2267-1242	-	10.1051/e3sconf/202343001138	SCOPUS
39.	Shilpi Chauhan	Piyush Singhal, Ch Srividhya, Ashwani Kumar, Shilpi Chauhan, Zahraa N Salman, Alok Jain	Modelling and Simulation of Fracture Mechanics and Failure Analysis of Materials using FEA	E3S Web of Conferences	06 October 2023	430	01113	1-9	2267-1242	-	10.1051/e3sconf/202343001113	SCOPUS
40.	Kumud Madan	Hitesh Chopra, Ravinder Verma, Sakshi Kaushik, Jatin Parashar, Kumud Madan, Afsareen Bano, Rashmi Bhardwaj, Parijat Pandey, Beena Kumari, Deepika Purohit, Manish Kumar, Saurabh Bhatia, Md Habibur Rahman, Vineet Mittal, Inderbir Singh, Deepak kaushik	Cyclodextrin-Based Arsenal for Anti-Cancer Treatments	Critical Reviews in Therapeutic Drug Carrier Systems	07 October 2023	40	2	1-41	0743-4863	3.5	10.1615/CritRevTherDrugCarrierSyst.2022038398	SCIE
41.	Vandana Arora, Ashish Kumar Parashar	Ashish Kumar Parashar, Krishna Kumar Verma, Rajeev Kumar, Vandana Arora	A Concise Review of Carbon Dots and their Pharmaceutical and Biomedical Applications	Recent Advances in Drug Delivery and Formulation	17 October 2023	17	3	183-192	2667-3878	2.4	10.2174/0126673878237423230919070049	SCIE
42.	Kanchan Kohli	Arya Vidyadhari, Nidhi Singh, Avinash Kumar Singh, Tanya Ralli, Pratima Solanki, M Aamir Mirza, Suhel Parvez, Kanchan Kohli	Investigation of Luliconazole-Loaded Mucoadhesive Electrospun Nanofibers for Anticandidal Activity in the Management of Vaginal Candidiasis	ACS Omega	05 November 2023	8	45	1-12	2470-1343	4.1	10.1021/acsomega.3c02141	SCIE

43.	Radha Goel	Sweeti Bana, Nitin Kumar, Ali Sartaj, Abdulsalam Alhalmi, Ashraf Ahmed Qurtam, Fahd A Nasr, Mohammed Al-Zharani, Neelam Singh, Praveen Gau, Rosaline Mishra, Snigdha Bhardwaj, Hasan Ali, Radha Goel	Rubia Cordifolia L. Attenuates Diabetic Neuropathy by Inhibiting Apoptosis and Oxidative Stress in Rats	Pharmaceuticals	09 November 2023	16	11	1-22	1424-8247	4.3	10.3390/ph16111586	SCIE
44.	Shilpa Pahwa	D Anitha, Ankita Awasthi, Shashi Prakash Dwivedi, Ravinder Kumar, Shilpa Pahwa, B Rajalakshmi, Mohammed Ayad Alkhafaji	Beyond Limits: Envisioning Sustainable Design and Production Ecosystems	E3S Web of Conferences	30 November 2023	453	-	01039	2267-1242	-	10.1051/e3sconf/202345301039	SCOPUS
45.	Vandana Arora Sethi	G Mahesh Kumar, Prateek Chaturvedi, A Kakoli Rao, Manish Vyas, Vandana Arora Sethi, B Swathi, Kadim A Jabbar	Flowing Futures: Innovations in WASH for Sustainable Water, Sanitation, and Hygiene	E3S Web of Conferences	30 November 2023	453	2023	1-11	2267-1242	-	https://doi.org/10.1051/e3sconf/202345301040	SCOPUS
46.	Shilpa Pahwa	KS R Sagar, Ankita Awasthi, Shashi Prakash Dwivedi, Monika Shrivastava, Shilpa Pahwa, Swathi B, Saif Hameed Hlail	Smart Resource Management: An Innovative Way of Balancing Materials, Energy, and Waste for a Green Future	E3S Web of Conferences	30 November 2023	453	-	01037	2267-1242	-	https://doi.org/10.1051/e3sconf/202345301037	SCOPUS
47.	Lalit Kumar Tyagi	K Anand Goud, Smita Sharma, Ankit Meheta, Rajeev Kanday, Lalit Kumar Tyagi, Rakesh Chandrashekar, Mohammed Ayad Alkhafaji	Virtual Vistas: Exploring the Evolution of E-Design and Virtual Design for Sustainable Assessment	E3S Web of Conferences	30 November 2023	453	-	01032	2267-1242	-	10.1051/e3sconf/202345301032	SCOPUS
48.	Vandana Arora Sethi	B Sravanthi, S vikram singh, A Kakoli Rao, Manish Vyas, Vandana Arora Sethi, Anandhi R J, Alaa M lafta	AquaLives: Navigating the Interplay of Water, Sanitation, and Hygiene for Global Health	E3S Web of Conferences	30 November 2023	453	-	01041	2267-1242	-	10.1051/e3sconf/202343001105	SCOPUS

49.	Shivani Singh	V Venkat Reddy, Pradeep Kumar, A L N Rao, Ravinder Kumar, Shivani Singh, Asha V, Saja Hameed Kareem	Waste to Wealth Generation: Innovative Methodologies in Resource Utilization and Minimization in Circular Economy	E3S Web of Conferences	01 December 2023	453	-	01035	2267-1242	-	https://doi.org/10.1051/e3sconf/202345301035	SCOPUS
50.	Kanchan Kohli	Arya Vidyadhari, Avinash Kumar Singh, Tanya Ralli, Suhel Parvez, Kanchan Kohli	Drug-Loaded Electrospun Nanofiber for Vulvovaginal Candidiasis: A Systematic Literature Review	Clinical Epidemiology and Global Health	01 December 2023	24	-	1-6	2213-3984	2.3	10.1016/j.cegh.2023.101420	SCIE
51.	Lalit Kumar Tyagi, Kanchan Kohli	Sudhanshu Mishra, Sonali Jayronia, Lalit Kumar Tyagi, Kanchan Kohli	Targeted Delivery Strategies of Herbal-Based Nanogels: Advancements and Applications	Current Drug Targets	01 December 2023	24	16	1260-1270	1389-4501	3.0	10.2174/0113894501275800231103063853	SCIE
52.	Vandana Arora Sethi	Shashi Prakash Dwivedi, Shubham Sharma, Arun Pratap Srivastava, Vandana Arora Sethi, Kahtan A Mohammed, Abhinav Kumar, M Ijaz Khan, Mohamd Abbas, Elsayed M Tag-Eldin	Homogeneity, Metallurgical, Mechanical, Wear, and Corrosion Behavior of NI And B4C Coatings Deposited on 304 Stainless Steels Developed By Microwave Cladding Technique	Journal of Materials Research and Technology	December 2023	27	2023	5854-5867	2238-7854	6.2	10.1016/j.jmrt.2023.10.202	SCIE
53.	Koushal Dhamija	S Vinod Kumar, Sujin Jose Arul, Lavish Kansal, Ravi Kalra, Koushal Dhamija, Adnan Allwi Ftaiet	Machine Learning-Enhanced Predictive Control for Modular Multilevel Converters in HVDC Transmission Systems	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	431-436	-	-	10.1109/PEEIC59336.2023.10451221	SCOPUS
54.	Shivani Singh	Modi Himabindu, Revathi V, Manish Gupta, Shivani Singh, Pradeep Kumar Chandra, Mohammed Ayad Alkhafaji	Adaptive Dead-Time Compensation in Synchronous Buck Converters for Enhanced Efficiency in IoT Applications	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	408-412	-	-	10.1109/PEEIC59336.2023.10450525	SCOPUS
55.	Shivani Singh	Priyanka Gupta, Vijilius Helena Raj, Manish Gupta, Shivani Singh, Pradeep Kumar Chandra, Zahraa N Abdulhussain	Matrix Converter-Based Unified Power Quality Conditioner: Design, Control, and Smart Grid Integration	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	403-407	-	-	10.1109/PEEIC59336.2023.10451660	SCOPUS
56.	Preeti Maan	Yamini S, R J Anandhi, Atul Singla,	Graph Theory and Topological Analysis for	International Conference on	23 December	2023	-	456-460	-	-	10.1109/PEEIC59336.2023.10	SCOPUS

		Preeti Maan, Bhishm Pratap, Alaa A Khafel	Efficient Large-Scale Power Grid Simulation and Vulnerability Assessment	Power Energy, Environment and Intelligent Control, PEEIC	2023						451939	
57.	Shilpa Pahwa	K Praveena, Jayasheel Kumar K A, Alok Jain, Irfan Khan, Shilpa Pahwa, Hawraa S Abdulaali	Cyber-Physical System Design for Resilient and Interoperable Energy Storage Management in Smart Grids	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	413-418	-	-	10.1109/PEEIC59336.2023.10450485	SCOPUS
58.	Ashish Kumar Parashar	G Lalitha, R J Anandhi, Manish Gupta, Praveen, Ashish Kumar Parashar, Huda A Sabah	GaN Devices in High-Frequency Resonant Converters: A Unified Design Approach for Wireless Power Transfer Applications	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	-	-	-	10.1109/PEEIC59336.2023.10451538	SCOPUS
59.	Vandana Arora Sethi	K V R Devi, A Koithyar, Sorabh Lakhanpal, Ashish Parmar, Vandana Arora Sethi, Adnan Allwi Ftaiet	Edge Computing and 5G Integration for Real-time Analytics in Interoperable Smart Grid Systems	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	419-424	-	-	10.1109/PEEIC59336.2023.10451199	SCOPUS
60.	Koushal Dhamija	Akula Rajitha, Gopal Kaliyaperumal, Lavish Kansal, Ravi Kalra, Koushal Dhamija, Zainab R Abdulsada	A Unified Control Strategy for Three-Phase Four-Wire Inverters in Grid-Tied and Islanded Microgrids with Enhanced Harmonic Suppression	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	425-430	-	-	10.1109/PEEIC59336.2023.10450834	SCOPUS
61.	Shilpi Chauhan	V Alekhya, Manjunatha B, Rajeev Sobti, Ashwani Kumar, Shilpi Chauhan, Kadim A Jabbar	Topology Optimization and Unified Control of Dual Active Bridge Converters for Flexible DC Grids with Energy Storage Integration	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	398-402	-	-	10.1109/PEEIC59336.2023.10451100	SCOPUS
62.	Shilpa Pahwa	B Ramesh, Manjunatha B, Alok Jain, Irfan Khan, Shilpa Pahwa, Mohammed Ayad Alkhafaji	Unified Control Algorithm for Multi-Mode Operation of Bidirectional DC/DC Converters in Renewable Energy Systems	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	382-386	-	-	10.1109/PEEIC59336.2023.10450580	SCOPUS
63.	Vandana Arora Sethi	S Aswini, Rakesh Chandrashekar, Sorabh Lakhanpal, Ashish Parmar, Vandana Arora Sethi, Zainab R Abdulsada	Blockchain-Enhanced Secure Data Exchange for Interoperable Smart Grid Systems	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	392-397	-	-	10.1109/ICCAKM58659.2023.10451222	SCOPUS

64.	Shilpi Chauhan	Shaik Anjimon, Swathi Basawaraiu, Rajeev Sobti, Ashwani Kumar, Shilpi Chauhan, Mohammed Ayad Alkhafaji	Quantum Computing Approaches to Time-Domain Simulation of Electromagnetic Transients in Interconnected Power Systems	International Conference on Power Energy, Environment and Intelligent Control, PEEIC	23 December 2023	2023	-	461-466	-	-	10.1109/PEEIC59336.2023.10450171	SCOPUS
65.	Ashish Kumar Parashar, Vandana Arora Sethi	Kalra S., Sethi V.A., Parashar A.K.	Review on Favipiravir Application Uses and Adverse Effect During Covid-19	International Journal of Newgen Research in Pharmacy & Healthcare	30 December 2023	1	2	174-179	2584-0096	-	10.61554/ijnrph.v1i2.2023.43	Non-SCI
66.	Chitra Gupta, Vandana Arora Sethi	Singh K., Sethi V.A., Gupta C.	Green Miracles: Unravelling the Efficacy of Phytoconstituents in Wound Healing: A Comprehensive Review	International Journal of Newgen Research in Pharmacy & Healthcare	30 December 2023	1	2	116-132	2584-0096	-	10.61554/ijnrph.v1i2.2023.49	Non-SCI
67.	Shilpi Chauhan	Chauhan S., Tyagi S., Maan P.	Simultaneous UV Spectrophotometric Method for Estimation of Berberine and Withanolide in Polyherbal Immunity Booster Dosage Form	International Journal of Newgen Research in Pharmacy & Healthcare	30 December 2023	1	2	26-31	2584-0096	-	10.61554/ijnrph.v1i2.2023.29	Non-SCI
68.	Koushal Dhamija	Vinod Kumar S, Lavish Kansal T, Sunil Prashanth Kumar S, Kalra R, Dhamija K, Mohammad Q	Significance of Bioactive Coatings for Medical Implants	E3S Web of Conferences	05 January 2024	472	3011	1-11	2267-1242	-	10.1051/e3sconf/202447203011	SCOPUS
69.	Lalit Kumar Tyagi	Patangia U, Bhatta K, Vig H, Priya S, Wal A, Tyagi LK, Wal P	A Systematic Review on the Potential Applications of Nanoparticles in Diabetes and its Associated Complication Diabetic Neuropathy	Current Nanomedicine	19 January 2024	14	3	247-265	2468-1881	-	10.2174/0124681873265152231229042106	SCOPUS
70.	Lalit Kumar Tyagi	Wal P, Aziz N, Singh CP, Rasheed A, Tyagi LK, Agrawal A, Wal A	Current Landscape of Gene Therapy for the Treatment of Cardiovascular Disorders	Current Gene Therapy	26 January 2024	24	5	356-376	1566-5232	3.8	10.2174/0115665232268840231222035423	SCIE
71.	Kanchan Kohli	Rajora A, Kohli K, Nagpal K	Formulation of Itraconazole Loaded Clove Oil based Nanoemulsion using Pseudoternary Phase Diagram for Improved Thermodynamic Stability	Indian Journal of Pure and Applied Physics	01 February 2024	62	2	124-132	0019-5596	0.8	10.56042/ijpap.v6i2i2.7698	SCIE

72.	Kanchan Kohli	Sharma S, Gupta P, Kawish SM, Ahmad S, Iqbal Z, Vohora D, Kohli K	Novel Chitosan-Coated Liposomes Coloaded with Exemestane and Genistein for an Effective Breast Cancer Therapy	ACS Omega	27 February 2024	9	8	9735-9752	2470-1343	3.7	10.1021/acsom ega.3c09948	SCIE
73.	Shilpa Pahwa	Raghav SS, Kumar B, Sethiya NK, Pahwa S	Development and Optimization of Kaempferol Loaded Ethosomes Using Box–Behnken Statistical Design: In Vitro And Ex-Vivo Assessments	Journal of Biomedical Materials Research - Part B Applied Biomaterials	01 March 2024	112	-	e35394	1552-4973	3.2	10.1002/jbm.b. 35394	SCIE
74.	Shivani Singh	Raut S, Azheruddin M, Kumar R, Singh S, Giram PS, Datta D	Lecithin Organogel: A Promising Carrier for the Treatment of Skin Diseases	ACS Omega	05 March 2024	9	9	9865-9885	2470-1343	3.7	10.1021/acsom ega.3c05563	SCIE
75.	Vandana Arora Sethi	Devi Kskn Venkata Ramana, Smitha BS, Lakhanpal Sorabh, Kalra Ravi, Sethi Vandana Arora, Thajil Sadiq Khader	A Review: Swarm Robotics: Cooperative Control in Multi-Agent Systems	E3S Web of Conferences	25 March 2024	505	03013	1-8	2267-1242	-	10.1051/e3scon f/20245050301 3	SCOPUS
76.	Surovi Paul	Anjimoon Shaik, Gowtham Raj R, Singla Atul, Khan Irfan, Paul Surovi, Abdul-Zahra Dalael Saad	A Review: Eco-Conscious Design: Incorporating Biodegradable Materials in Modern Product Development	E3S Web of Conferences	25 March 2024	505	3003	1-10	2267-1242	-	10.1051/e3scon f/20245050300 3	SCOPUS
77.	Koushal Dhamija	Rajitha A, Kansal L, Raj G, Kalra R, Dhamija K, Abdul-Zahra DS	Biomaterials and Artificial Intelligence: Predictive Modeling and Design	E3S Web of Conferences	25 March 2024	505	1003	1-11	2267-1242	-	10.1051/e3scon f/20245050100 3	SCOPUS
78.	Lalit Kumar Tyagi	Lalitha G, Kaliyaperumal G, Nijhawan G, Praveen, Tyagi LK, Abood AS	Integration Challenges and Solutions for Solar-Powered Electric Vehicle Charging Infrastructure: From Panel to Battery	E3S Web of Conferences	25 March 2024	505	2001	1-9	2267-1242	-	10.1051/e3scon f/20245050200 1	SCOPUS
79.	Vandana Arora Sethi	Himabindu M, Raj VH, Dutt A, Chandra PK, Sethi VA, Mohammad Q	Recycling Waste into Building Materials: Innovations and Prospects in Brick Production for Sustainable Construction	E3S Web of Conferences	25 March 2024	505	4001	1-14	2267-1242	-	10.1051/e3scon f/20245050400 1	SCOPUS
80.	Shilpa Pahwa	Dasari K, Chandrashekar R, Nijhawan G, Kalra R, Pahwa S, Abdul-Zahra DS	Dynamic Mechanical Characterization of Additively Manufactured Components	E3S Web of Conferences	25 March 2024	505	01007	1-10	2267-1242	-	10.1051/e3scon f/20245050100 7	SCOPUS

81.	Sonali Jayronia	Vinod Kumar S, Reddy U, Nagpal A, Kumar A, Jayronia S, Hussien RA	Towards Sustainable Additive Manufacturing: Exploring Eco-friendly Materials for Green 3D Printing	E3S Web of Conferences	25 March 2024	505	01009	1-12	2267-1242	-	10.1051/e3sconf/202450501009	SCOPUS
82.	Lalit Kumar Tyagi	Gupta P, Rajalakshmi B, Nijhawan G, Awasthi A, Praveen, Tyagi LK, Hussien RA	High-Temperature Mechanical Characterization of Materials for Extreme Environments	E3S Web of Conferences	25 March 2024	505	01006	1-11	2267-1242	-	10.1051/e3sconf/202450501006	SCOPUS
83.	Lalit Kumar Tyagi	Gupta P, Gurulakshmi AB, Nijhawan G, Praveen, Tyagi LK, Hussien RA	A review on Machine Learning Enhanced Predictive Maintenance for Electric Vehicle Power Electronics: A Pathway to Improved Reliability and Longevity	E3S Web of Conferences	25 March 2024	505	03017	1-9	2267-1242	-	10.1051/e3sconf/202450503017	SCOPUS
84.	Preeti Maan	Praveena K, Manjunatha, Awasthi A, Dutt A, Khan I, Maan P, Hussien RA	Biomaterials for Artificial Organs and Organoids- A Comprehensive Review	E3S Web of Conferences	25 March 2024	505	01004	1-11	2267-1242	-	10.1051/e3sconf/202450501004	SCOPUS
85.	Shilpa Pahwa	Praveena K, Jain A, Arun V, Kaliyaperumal G, Khan I, Pahwa S, Alkhafaji MA	A Review on Next-Generation Solar Solutions: Pioneering Materials and Designs for Sustainable Energy Harvesting	E3S Web of Conferences	25 March 2024	505	02004	1-11	2267-1242	-	10.1051/e3sconf/202450502004	SCOPUS
86.	Vandana Arora Sethi	Himabindu M, Raj VH, Dutt A, Chandra PK, Sethi VA, Mohammad Q	Comparative Review on Machine Learning-Based Predictive Modeling for Mechanical Characterization	E3S Web of Conferences	25 March 2024	505	01037	1-11	2267-1242	-	10.1051/e3sconf/202450501037	SCOPUS
87.	Niti Sharma	Anjmoon S, Chandrashekar R, Singh N, Parmar A, Sharma N, Mohammad Q	Secure and Sustainable Energy Distribution through Blockchain Technology in Smart Grids	E3S Web of Conferences	25 March 2024	505	02002	1-10	2267-1242	-	10.1051/e3sconf/202450502002	SCOPUS
88.	Surovi Paul	Alekhyia V, Jose S, Lakhanpal S, Khan I, Paul S, Mohammad Q	Integrating Augmented Reality in Architectural Design: A New Paradigm	E3S Web of Conferences	25 March 2024	505	03009	1-9	2267-1242	-	10.1051/e3sconf/202450503009	SCOPUS
89.	Vandana Arora Sethi	Ramesh B, Anandhi RJ, Singla A, Chandra PK, Sethi VA, Abood AS	Utilizing Generative Design Algorithms for Innovative Structural Engineering Solutions	E3S Web of Conferences	25 March 2024	505	03010	1-12	2267-1242	-	10.1051/e3sconf/202450503010	SCOPUS
90.	Vandana Arora Sethi	Ramesh B, Anandhi RJ, Arun V, Singla A, Chandra PK, Sethi	A Review on Biomaterials for Neural Interfaces: Enhancing Brain-Machine	E3S Web of Conferences	25 March 2024	505	01005	1-11	2267-1242	-	10.1051/e3sconf/202450501005	SCOPUS

		VA, Abood AS	Interfaces									
91.	Niti Sharma	Anjimoon S, Anandhi RJ, Singh N, Parmar A, Sharma N, Mohammad Q	Comprehensive Review on Low-Cost, Solar-Powered Water Purification Technologies for Remote Areas	E3S Web of Conferences	25 March 2024	505	02005	1-9	2267-1242	-	10.1051/e3sconf/202450502005	SCOPUS
92.	Shilpa Pahwa	Ramesh B, Jain A, Rakesh C, Khan I, Pahwa S, Abood AS	Improvement of the Quality of Air and the Implementation of Sustainable Technologies in Green Technological Innovation	E3S Web of Conferences	25 March 2024	505	03011	1-11	2267-1242	-	10.1051/e3sconf/202450503011	SCOPUS
93.	Shilpi Chauhan	Alekhya V, Reddy U, Sobti R, Kumar A, Chauhan S, Ghani RH, Bandhu D	Real-Time Biomedical Imaging for Surgical Guidance: A Review of Challenges and Solutions	E3S Web of Conferences	25 March 2024	505	03006	1-8	2267-1242	-	10.1051/e3sconf/202450503006	SCOPUS
94.	Preeti Maan	Rajitha A, Aravinda K, Nagpal A, Kalra R, Maan P, Kumar A, Abdul-Zahra DS	Machine Learning and AI-Driven Water Quality Monitoring and Treatment	E3S Web of Conferences	25 March 2024	505	03012	1-11	2267-1242	-	10.1051/e3sconf/202450503012	SCOPUS
95.	Sonali Jayronia	Alekhya V, Swathi B, Kumar A, Kumar A, Jayronia S, Abood AS	Advanced Nanofiltration Techniques for Efficient Removal of Microplastics from Water: A Review	E3S Web of Conferences	25 March 2024	505	01008	1-10	2267-1242	-	10.1051/e3sconf/202450501008	SCOPUS
96.	Preeti Maan	Praveena K, Manjunatha, Dutt A, Khan I, Maan P, Hussien RA	The Future of Transportation Design: Balancing Aesthetics and Functionality in Autonomous Vehicles	E3S Web of Conferences	25 March 2024	505	01010	1-10	2267-1242	-	10.1051/e3sconf/202450501010	SCOPUS
97.	Shilpa Pahwa	Dasari K, Raj VH, Nijhawan G, Kalra R, Pahwa S, Abdul-Zahra DS	Integration of AI in Distributed Energy Resource Management for Enhanced Load Balancing and Grid Stability	E3S Web of Conferences	25 March 2024	505	03008	1-9	2267-1242	-	10.1051/e3sconf/202450503008	SCOPUS
98.	Shilpi Chauhan	Anjimoon S, Swathi B, Sobti R, Kumar A, Chauhan S, Ali AJA, Bandhu D	A Review on Enhancing Accessibility Through Image and Video Processing: Solutions for Differently Abled Individuals	E3S Web of Conferences	25 March 2024	505	03007	1-9	2267-1242	-	10.1051/e3sconf/202450503007	SCOPUS
99.	Shekhar Sharma	Vinod Kumar S, Kumar J, Lakhanpal S, Yadav DK, Sharma S, Abood AS	Harnessing Natural Aquifer Filtration for Large-Scale Water Purification: Opportunities and Challenges	E3S Web of Conferences	25 March 2024	505	02003	1-9	2267-1242	-	10.1051/e3sconf/202450502003	SCOPUS

100.	Shekhar Sharma	Rajitha A, Revathi V, Pal Thethi H, Yadav DK, Sharma S, Hussien RA	Revolutionizing Greywater Treatment: Sustainable Methods for Urban Environments	E3S Web of Conferences	25 March 2024	505	03016	1-9	2267-1242	-	10.1051/e3sconf/202450503016	SCOPUS
101.	Shilpa Pahwa	Gopal K, Bhavana G, Kaushik A, Al-Jawahry HM, Gupta LR, Pahwa S, Bandhu D	Review of Multiscale Modeling and Simulation Techniques in Metal Forming, Bending, Welding, and Casting Processes for Enhanced Predictive Design and Analysis	E3S Web of Conferences	25 March 2024	505	03004	1-18	2267-1242	-	10.1051/e3sconf/202450503004	SCOPUS
102.	Lalit Kumar Tyagi	Lalitha G, Asha V, Nijhawani G, Praveen, Tyagi LK, Abood AS	Mechanical Characterization of Emerging 2D Materials for Electronics: Review	E3S Web of Conferences	25 March 2024	505	01011	1-11	2267-1242	-	10.1051/e3sconf/202450501011	SCOPUS
103.	Shivani Singh	Anandhi RJ, Bharadwaj VY, Nijhawani Ginni, Shivani Singh, Kakoli Rao A, Ahmed Salam Abood	Enhancing Wear and Surface Hardness: Revolutionizing SS-304 with Microwave-Assisted Cladding of Ni-SiO2 Composite Coatings	E3S Web of Conferences	29 March 2024	507	01011	1-11	2267-1242	-	10.1051/e3sconf/202450701011	SCOPUS
104.	Shivani Singh	Ahmed Salam Abood1, Muthuswamy Jayanthi, Anjaneyulu M, H. Pal Thethi, Shivani Singh and Neeraj Chahuan	Advancing Aluminum-Based Composite Manufacturing: Leveraging WC Reinforcement through Stir Casting Technique	E3S Web of Conferences	29 March 2024	507	01040	1-10	2267-1242	-	10.1051/e3sconf/202450701040	SCOPUS
105.	Sonali Jayronia	Ravi Shankar Raman, Swathi B, V Alekhya, Shrikant Zade, Ashwani Kumar, Sonali Jayronia, Laith H. Alzubaidi	Numerical investigation on Double Tube Counter Flow Heat Exchanger	E3S Web of Conferences	29 March 2024	507	01027	1-9	2267-1242	-	10.1051/e3sconf/202450701027	SCOPUS
106.	Sonali Jayronia	Ravi Shankar Raman, S Vinod Kumar, Uma Reddy, Amit Dodke, Ashwani Kumar, Sonali Jayronia, Myasar Mundher Adnan	Design and CFD Simulation of Supersonic Nozzle by Komega turbulence model for Supersonic Wind Tunnel	E3S Web of Conferences	29 March 2024	507	01024	1-10	2267-1242	-	10.1051/e3sconf/202450701024	SCOPUS
107.	Ashish Kumar Parashar	Hussein M, Gundlapalle R, Kiran Kumar M, Lakhanpal S, Parashar AK,	Advancing Aluminum-Based Composite Manufacturing: Leveraging TiO2 Reinforcement	E3S Web of Conferences	29 March 2024	507	01042	1-10	2267-1242	-	10.1051/e3sconf/202450701042	SCOPUS

		Kaushik A	through Stir Casting Technique									
108.	Shekhar Sharma	Raj VH, Vinod Kumar S, Hussein M, Kadam R, Yadav DK, Sharma S	Enhancement of Thermo-Hydraulic Performance Using Water-Based Alumina Nanofluids: A Numerical Investigation	E3S Web of Conferences	29 March 2024	507	01074	1-8	2267-1242	-	10.1051/e3sconf/202450701074	SCOPUS
109.	Koushal Dhamija	Sobti R, Ravikiran K, Kareem H, Jisha PK, Dhamija K, Rao ALN	Analyzing Solid Waste Management Practices for The Hotel Industry	E3S Web of Conferences	29 March 2024	507	01073	1-8	2267-1242	-	10.1051/e3sconf/202450701073	SCOPUS
110.	Shekhar Sharma	Raj VH, Vinod Kumar S, Sabir M, Yadav DK, Sharma S, Alabdeli H, Arun V	Optimizing Food Security and Environmental Sustainability via Agroecology and Sustainable Intensification Strategies	E3S Web of Conferences	29 March 2024	507	01059	1-10	2267-1242	-	10.1051/e3sconf/202450701059	SCOPUS
111.	Preeti Maan	Kareem H, Veeresh G, Arun K, Nagpal A, Maan P, Singh H	Enhancing Aluminum-Based Composite Manufacturing: Leveraging ZrB2 Reinforcement Via Friction Stir Process	E3S Web of Conferences	29 March 2024	507	01023	1-11	2267-1242	-	10.1051/e3sconf/202450701023	SCOPUS
112.	Shivani Singh	Chahuan N, Singh S, Thethi HP, Ch S, Sujin Jose A, Ahmed R	Enhancing Aluminum-Based Composite Manufacturing: Harnessing Si3N4 Reinforcement Via Stir Casting Technique	E3S Web of Conferences	29 March 2024	507	01038	1-8	2267-1242	-	10.1051/e3sconf/202450701038	SCOPUS
113.	Niti Sharma	Raman RS, Anjimoos S, Anandhi RJ, Sheikh A, Parmar A, Sharma N, Adnan MM	Parametric Study of Three Dimension RCC Frame Structure for During Earthquake Condition	E3S Web of Conferences	29 March 2024	507	01030	1-13	2267-1242	-	10.1051/e3sconf/202450701030	SCOPUS
114.	Vandana Arora Sethi	Mohammad Q, Gopal K, Poornima E, Singh N, Sethi VA, Kumari V	Aluminum-Alumina Composite Manufacturing: Unlocking Potential with Friction Stir Processing	E3S Web of Conferences	29 March 2024	507	01034	1-7	2267-1242	-	10.1051/e3sconf/202450701034	SCOPUS
115.	Vandana Arora Sethi	Saxena A, Himabindu M, Raj VH, Dhalwar G, Chandra PK, Sethi VA, Jasim L	A Comparison of the Effects of Different Slopes on Building Reaction in Wind Zones	E3S Web of Conferences	29 March 2024	507	01009	1-12	2267-1242	-	10.1051/e3sconf/202450701009	SCOPUS
116.	Lalit Kumar Tyagi	Santosh Kumar B, Manasa V, Singla A, Tyagi LK, Srivastava AP, Kareem H	Green Microwave-Assisted Cladding: Enhancing SS-304 With Ni-ZrB2 Composite Coatings	E3S Web of Conferences	29 March 2024	507	01005	1-10	2267-1242	-	10.1051/e3sconf/202450701005	SCOPUS
117.	Koushal Dhamija	Jasim L, Uma Reddy NV, Deepthi P, Ginni N, Dhamija K, Meheta A	Advancing Surface Hardness and Wear Resistance: Microwave-Assisted Cladding of Ni-	E3S Web of Conferences	29 March 2024	507	01017	1-9	2267-1242	-	10.1051/e3sconf/202450701017	SCOPUS

			TIC Mixture Onto SS-304									
118.	Lalit Kumar Tyagi	Saxena A, Asha V, Lalitha G, Khangar V, Praveen, Tyagi LK, Almusawi M	Expanding Horizons: Graph Theory's Multifaceted Applications	E3S Web of Conferences	29 March 2024	507	01015	1-11	2267-1242	-	10.1051/e3sconf/202450701015	SCOPUS
119.	Radha Goel	Singh H, Goel R, Nagpal A, Sanjeeva P, Karthiyayini J, Ahmed R	Enhancing Aluminum-Based Composite Manufacturing: Leveraging Si3N4 Reinforcement Via Friction Stir Process	E3S Web of Conferences	29 March 2024	507	01026	1-11	2267-1242	-	10.1051/e3sconf/202450701026	SCOPUS
120.	Ashish Kumar Parashar	Kakoli Rao A, Parashar AK, Ginni N, Banoth R, Balan G, Hameed AA	Microwave-Assisted Cladding of Ni-BaTiO3 Mixture Onto SS-304 for Enhancing the Wear Resistance and Surface Hardness	E3S Web of Conferences	29 March 2024	507	01014	1-6	2267-1242	-	10.1051/e3sconf/202450701014	SCOPUS
121.	Lalit Kumar Tyagi	Gupta M, Gundlapalle R, Annapoorna E, Al-Farouni M, Tyagi LK, Pratap B	Flexural Behavior of Composite Material Under Three Point Bending Load	E3S Web of Conferences	29 March 2024	507	01061	1-10	2267-1242	-	https://doi.org/10.1051/e3sconf/202450701061	SCOPUS
122.	Shilpa Pahwa	Dwivedi SP, Pahwa S, Dutt A, Saritha K, Rajalakshmi B, Ahmed R	Revolutionizing Surface Enhancement: Microwave-Assisted Cladding of Ni-Boron Nitride Mixture on to SS-304	E3S Web of Conferences	29 March 2024	507	01008	1-12	2267-1242	-	10.1051/e3sconf/202450701008	SCOPUS
123.	Lalit Kumar Tyagi	Kareem H, Raju H, Annapoorna E, Thethi HP, Tyagi LK, Kumari V	Advancements In Aluminum-Based Composite Manufacturing: Leveraging La2O3 Reinforcement Through Friction Stir Process	E3S Web of Conferences	29 March 2024	507	01036	1-8	2267-1242	-	10.1051/e3sconf/202450701036	SCOPUS
124.	Vandana Arora Sethi	Saxena A, Anandhi RJ, Ramesh B, Fande A, Chandra PK, Sethi VA, Al-Farouni M	Advancing Sustainable Agriculture Through Resource Efficiency	E3S Web of Conferences	29 March 2024	507	01006	1-10	2267-1242	-	10.1051/e3sconf/202450701006	SCOPUS
125.	Savita Bhati	Vandana CP, Sruthi P, Jain A, Bhati S, Praveen, Mohammad Q	Revolutionizing Aluminum-Based Composite Manufacturing: Harnessing Fly Ash and Rice Husk Ash Reinforcement through Stir Casting for Sustainability	E3S Web of Conferences	29 March 2024	507	01048	1-11	2267-1242	-	10.1051/e3sconf/202450701052	SCOPUS
126.	Preeti Maan	Raghad Ahmed, Rashi khubnani, G. Vijendar Reddy, Atul Singla,	A Review Paper on Current State of the Worldwide Solar Energy Generation	E3S Web of Conferences	29 March 2024	507	01052	1-8	2267-1242	-	10.1051/e3sconf/202450701079	SCOPUS

		Preeti Maan and Shashi Prakash Dwivedi										
127.	Vandana Arora Sethi	Ahmed R, Vandana CP, Vijendar Reddy G, Sobti R, Chauhan S, Srivastava AP	Analysis of Efficient Building for Energy Conversion and Storage Using Phase Change Material	E3S Web of Conferences	29 March 2024	507	01076	1-6	2267-1242	-	10.1051/e3sconf/202450701076	SCOPUS
128.	Vandana Arora Sethi	Mohammed KA, Jayanthi M, Shamila M, Gupta M, Sethi VA, Kumar A	Synergizing ANSYS Simulations and Machine Learning for Transient Thermal Analysis in Aluminium Alloys	E3S Web of Conferences	29 March 2024	507	01058	1-11	2267-1242	-	10.1051/e3sconf/202450701058	SCOPUS
129.	Vandana Arora Sethi	Chandrashekar R, Mohammad Q, Arelli M, Dutt A, Sethi VA, Rao ALN	Enhanced Surface Protection: Microwave-Assisted metallic cladding of Ni-ZrO2 Mixture onto SS-304	E3S Web of Conferences	29 March 2024	507	01002	1-9	2267-1242	-	10.1051/e3sconf/202450701002 motore	SCOPUS
130.	Shilpi Chauhan	Lakhanpal S, Kareem H, Sreevani V, Chauhan S, Sharma S, Yadav DK	Green Reinforcement: Enhancing Aluminum-Based Composite Manufacturing with Waste Bagasse via Stir Casting Technique	E3S Web of Conferences	29 March 2024	507	01046	1-12	2267-1242	-	10.1051/e3sconf/202450701046	SCOPUS
131.	Shilpi Chauhan	Mohammad Q, Borah AR, Ram Kumar RP, Nagpal A, Chauhan S, Meheta A	Advancements In Aluminum-Based Composite Manufacturing: Leveraging Zro2 Reinforcement Through Friction Stir Process	E3S Web of Conferences	29 March 2024	507	01020	1-7	2267-1242	-	10.1051/e3sconf/202450701020	SCOPUS
132.	Surovi Paul	Anjymoon S, Asha V, Gurnani J, Khan I, Paul S, Al-Jawahry HM	Innovations and Opportunities in Sustainable Textile Recycling	E3S Web of Conferences	29 March 2024	507	01065	1-10	2267-1242	-	10.1051/e3sconf/202450701065	SCOPUS
133.	Surovi Paul	Alekhyia V, Rajalakshmi B, Makeshwar M, Khan I, Paul S, Habelalmateen MI	CFD Simulation of Triangular Shape And Circular Shape Concentric Triple Tube Heat Exchanger	E3S Web of Conferences	29 March 2024	507	01077	1-11	2267-1242	-	10.1051/e3sconf/202450701077	SCOPUS
134.	Shekhar Sharma	Revathi V, Rajitha A, Habelalmateen MI, Maske N, Yadav DK, Sharma S	Improving Thermo-Hydraulic Performance with Varying Concentrations of Alumina Nanofluids: A Numerical Investigation	E3S Web of Conferences	29 March 2024	507	01071	1-10	2267-1242	-	10.1051/e3sconf/202450701071	SCOPUS

135.	Radha Goel	Abood AS, Jisha PK, Karuna G, Jain A, Goel R, Chandra PK	Advancing Aluminum-Based Composites with Fly Ash and SiC Reinforcement Through Stir Casting	E3S Web of Conferences	29 March 2024	507	01050	1-8	2267-1242	-	10.1051/e3sconf/202450701050	SCOPUS
136.	Shekhar Sharma	Revathi V, Rajitha A, Meghe D, Yadav DK, Sharma S, Zabibah RS, Awasthi A	Developments in Biomedical Materials: From Conventional Implantation to State-of-The-Art Pharmaceutical Uses	E3S Web of Conferences	29 March 2024	507	01056	1-7	2267-1242	-	10.1051/e3sconf/202450701056	SCOPUS
137.	Shilpa Pahwa	Raman RS, Dasari K, Chandrashekar R, Chaudhari GJ, Kalra R, Pahwa S, AL-Attabi K	Analyzing Indirect Methods For Comparatively Determining The Compressive Strength Of Materials With Various Properties	E3S Web of Conferences	29 March 2024	507	01018	1-13	2267-1242	-	10.1051/e3sconf/202450701018	SCOPUS
138.	Savita Bhati	Sharma T, Santoshi Kumari M, Singh N, Bhati S, Arora D, Abood AS	Boron Nitride Reinforcement: Revolutionizing Aluminum-Based Composite Manufacturing Via Friction Stir Process	E3S Web of Conferences	29 March 2024	507	01029	1-8	2267-1242	-	10.1051/e3sconf/202450701029	SCOPUS
139.	Niti Sharma	Aswini K, Manjunatha, Zafar S, Parmar A, Sharma N, Al-Jawahry HM	Improving Hydraulic Performance of Drip Irrigation Emitters Through CFD Analysis	E3S Web of Conferences	29 March 2024	507	01068	1-8	2267-1242	-	10.1051/e3sconf/202450701068	SCOPUS
140.	Niti Sharma	Manjunatha, Aswini K, Bhaiswar J, Parmar A, Sharma N, Alabdeli H, Awasthi A	Analysis of Fixed and Variable Rigid Pavements in Comparison for Longevity, Durability and Cost-effectiveness	E3S Web of Conferences	29 March 2024	507	01053	1-6	2267-1242	-	10.1051/e3sconf/202450701053	SCOPUS
141.	Shilpa Pahwa	Kansal L, Alzubaidi LH, Gurulakshmi AB, Karuna G, Pahwa S, Das KK	Effect of Ambient Temperature on The Plastic Products Using The Finite Element Method	E3S Web of Conferences	29 March 2024	507	01064	1-8	2267-1242	-	10.1051/e3sconf/202450701064	SCOPUS
142.	Surovi Paul	Alekhyia V, Rajalakshmi B, Kochar S, Khan I, Paul S, Alsalamy Z, Arun V	Nanofertilizers: Transforming Agriculture for Sustainable Food Production	E3S Web of Conferences	29 March 2024	507	01062	1-8	2267-1242	-	10.1051/e3sconf/202450701062	SCOPUS
143.	Lalit Kumar Tyagi	Saxena A, Gupta P, Rajalakshmi B, Kanojiya M, Praveen, Tyagi LK, Almusawi M	Improving Soil Properties for Construction Usage With Fly Ash and Rice Husk Ash	E3S Web of Conferences	29 March 2024	507	01012	1-8	2267-1242	-	10.1051/e3sconf/202450701012	SCOPUS
144.	Preeti Maan	Saxena A, Praveena K, Manjunatha, Kalbande V, Khan I, Maan P, Zabibah	Comparative Analysis of Enzymatic and Immunological Biosensors	E3S Web of Conferences	29 March 2024	507	01003	1-7	2267-1242	-	10.1051/e3sconf/202450701003	SCOPUS

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145.	Preeti Maan	Raman RS, Rajitha A, Aravinda K, Deshmukh A, Kalra R, Maan P, Al Attabi K	Investigating Three-Dimensional RCC Frames Under Seismic Loading With Various Soil Conditions	E3S Web of Conferences	29 March 2024	507	01021	1-9	2267-1242	-	10.1051/e3sconf/202450701021	SCOPUS
146.	Koushal Dhamija	Gurulakshmi AB, Rama Sundari MV, Lakhanpal S, Dhamija K, Parmar A, Mohammad Q	Steel Chips Reinforcement in Aluminum-Based Composites: Revolutionizing Manufacturing via Stir Casting Technique	E3S Web of Conferences	29 March 2024	507	01044	1-8	2267-1242	-	10.1051/e3sconf/202450701044	SCOPUS
147.	Ashish Kumar Parashar	Abood AS, Prashanth KS, Saritha K, Kansal L, Parashar AK, Kumar P	Estimation of PCU's in Heterogeneous Traffic by Different Methods	E3S Web of Conferences	29 March 2024	507	01070	1-7	2267-1242	-	10.1051/e3sconf/202450701070	SCOPUS
148.	Rajeev Kumar	Saeed HY, Khubnani R, Ediga P, Gupta M, Kumar R, Kalra R	Buckling Analysis of Vertical Structures: A Comprehensive Finite Element Study	E3S Web of Conferences	29 March 2024	507	01055	1-8	2267-1242	-	10.1051/e3sconf/202450701055	SCOPUS
149.	Shivani Singh	Alsalamy Z, Sharma S, Jeevan Nagendra Kuma Y, Kansal L, Singh S, Vishkarma MK	Acoustic Analysis of Chevron Nozzle: A CFD Approach	E3S Web of Conferences	29 March 2024	507	01067	1-9	2267-1242	-	10.1051/e3sconf/202450701067	SCOPUS
150.	Surovi Paul	Anjimoona Shaik, Asha V, Dange Prashant, Khan Irfan, Paul Surovi, Al-Fatlawy Ramiy Riad	Numerical Investigation on Flow And Heat Transfer Characteristics of Pure Water in Concentric Triple Tube Heat Exchanger	E3S Web of Conferences	29 March 2024	507	01080	1-9	2267-1242	-	10.1051/e3sconf/202450701080	SCOPUS
151.	Lalit Kumar Tyagi	Wal Ankita, Girbane Yuvraj Ramesh Rao, Wal Pranay, Khare Riya, Sarkar Sanjiban Utpalkumar, Bhise Manish Ramesh, Singh Virendra, Tyagi Lalit Kumar	Management of Gingivitis: Contemporary Approaches and Recent Therapeutic Advancements	Anti-Infective Agents	23 April 2024	22	01080	1-19	2211-3525	-	10.2174/0122113525287883240312084729	SCOPUS
152.	Alok Bhardwaj	Mohsin N, Akhtar MS, Alkahtani SA, Walbi IA, Alhazmi Y, Alam MN, Bhardwaj A	Nephroprotective Effect of Bergapten Against Cyclophosphamide-Mediated Renal Stress, Inflammation, and Fibrosis in Wistar Rats: Probable Role of NF- κ B and TGF- β 1 Signaling Molecules	ACS Omega	12 April 2024	9	16	18296-18303	2470-1343	3.7	10.1021/acsomega.4c00124	SCIE
153.	Pankaj Bhatt	Bhatt P, Singh S, Garg S, Ashoka P, Mishra SK,	Impact of Cross-Linking on the Physicochemical and	Starch/Stärke	0 May 2024	77	1	1-13	0038-9056	2.6	10.1002/star.202300285	SCIE

		Kaushik S, Deva V, Goel R, Kumar V	Physiological Characteristics of Barnyard Millet (Echinochloa Frumentacea) Grains Starch									
154.	Radha Goel	Singh N, Gupta P, Goel R, Narayan CV, Sagar D, Gupta A	Accelerating Healing of Excisional Wound with a Hydrogel Containing Hyacinth Bean (Dolichos lablab) Extract in a Rat Model	Current Drug Therapy	01 May 2024	19	2	239-249	1574-8855	0.6	10.2174/1574885518666230526124031	SCIE
155.	Kanchan Kohli	Tyagi N, Ralli T, Ali A, Kohli K	Hypothesizing the Green Synthesis of Tamoxifen Loaded Magnetic Nanoparticles for the Treatment of Breast Cancer	Current Molecular Medicine	17 May 2024	24	5	537-546	1566-5240	2.2	10.2174/156652402366230525104730	SCIE
156.	Pankaj Bhatt	Kumar V., Kumarasamy V., Bhatt P., Dixit R., Kumar M., Shukla C.P., Subramaniyan V., Kumar S.	Ultrasound Assisted Techniques for Starch Modification to Develop Novel Drug Delivery Systems: A Comprehensive Study	Journal of Bioactive and Compatible Polymers	23 May 2024	39	4	279-297	0883-9115	2.1	10.1177/08839115241249143	SCIE
157.	Koushal Dhamija	Koushal Dhamija, OSD Hima Bindu, N V Uma Reddy, Rajeev Sobti, Q Mohammad, Ravi Kalra, B Nagaraj Goud	Construction and Seismic Performance Evaluation of Concrete Water Tanks	E3S Web of Conferences	29 May 2024	552	1141	1-11	2267-1242	-	10.1051/e3sconf/202455201141	SCOPUS
158.	Preeti Maan	Sumalatha I, Asha VB, Sugunan R, Pal Thethi H, Pratap B, Fallah MH, Maan P	Integrating Forest Management and Watershed Health for Sustainable Water Sources	E3S Web of Conferences	29 May 2024	529	3015	1-11	2267-1242	-	10.1051/e3sconf/202452903015	SCOPUS
159.	Preeti Maan	Himabindu M, Revathi V, Gupta M, Panicker MS, Chandra PK, Hamza LHJ, Maan P	Employing Piezoelectricity to Generate Sustainable Energy with Green Harmonics	E3S Web of Conferences	29 May 2024	529	2017	1-13	2267-1242	-	10.1051/e3sconf/202452902017	SCOPUS
160.	Lalit Kumar Tyagi	Deepika NM, Vijayan VP, Rajalakshmi B, Nijhawan G, Tyagi LK, Alabdeli H, Yadav DK	Expanding Bioenergy: A Comparison of Waste-to-Energy Techniques	E3S Web of Conferences	29 May 2024	529	2013	1-9	2267-1242	-	10.1051/e3sconf/202452902013	SCOPUS
161.	Shivani Singh	Nagpal A, Aravinda K, Haritha MR, Harika A, Chandra PK, Adnan MM, Singh S	India Analysis of Scope of Wind-Energy Development in India	E3S Web of Conferences	29 May 2024	529	2012	1-7	2267-1242	-	10.1051/e3sconf/202452902012	SCOPUS
162.	Shilpi Chauhan	Venkat Reddy V, Rajalakshmi B, Nair KS, Pal Thethi H, Chauhan S, Abbas HM, Kumar A	Improving the Quality of the Air and Implementing into Effective Pollution Mitigation Methods	E3S Web of Conferences	29 May 2024	529	3014	1-10	2267-1242	-	10.1051/e3sconf/202452903014	SCOPUS

163.	Lalit Kumar Tyagi	Reddy U, Swaminathan P, Reddy CV, Lakhanpal S, Tyagi LK, Muhsen M, Khan I	Use of Silica Fume As A Replacement of Cement in the Concrete	E3S Web of Conferences	29 May 2024	529	1036	1-11	2267-1242	-	10.1051/e3sconf/202452901036	SCOPUS
164.	Vandana Arora Sethi	Raman RS, Lavanya C, Revathi B, Nijhawan G, Yadav DK, Mohammad Q, Sethi VA	Optimization of RHA and Cement proportion for soil stabilization	E3S Web of Conferences	29 May 2024	529	1015	1-11	2267-1242	-	10.1051/e3sconf/202452901015	SCOPUS
165.	Lalit Kumar Tyagi	Divya Vani V, Raj VH, Dutt A, Raveendranath R, Tyagi LK, Almusawi M, Yadav DK	Digging Deeper: The Role of Big Data Analytics in Geotechnical Investigations	E3S Web of Conferences	29 May 2024	529	4012	1-10	2267-1242	-	10.1051/e3sconf/202452904012	SCOPUS
166.	Shilpa Pahwa	Santhosh Kumar B, Chandrashekar R, Kurien ST, Nijhawan G, Pahwa S, Habelalmateen MI, Khan I	A Comprehensive Review on Using Sustainable Materials for Environmentally Friendly Construction Practices	E3S Web of Conferences	29 May 2024	529	1030	1-11	2267-1242	-	10.1051/e3sconf/202452901030	SCOPUS
167.	Ashish Kumar Parashar	Rajalakshmi B, Lalitha G, Gupta M, Jaleel PK, Parashar AK, Muhsen M, Yadav DK	Algal Biofuels: Unveiling the Potential of Seaweed in Renewable Energy Production	E3S Web of Conferences	29 May 2024	529	2018	1-11	2267-1242	-	10.1051/e3sconf/202452902018	SCOPUS
168.	Vandana Arora Sethi	Hamza LHJ, Ramesh Kumar D, Parmar A, Sethi VA, Lakhanpal S, Chandrashekar R, Aswini S	Advancements in Concrete Performance by Using Waste materials in the Mixture	E3S Web of Conferences	29 May 2024	529	1033	1-9	2267-1242	-	10.1051/e3sconf/202452901033	SCOPUS
169.	Shilpa Pahwa	Karthik A, Asha V, Nijhawan G, Stephan M, Pahwa S, Al-Jawahry HM, Khan I	Biomass and Operational Initiatives for Sustainable Bioenergy Generation	E3S Web of Conferences	29 May 2024	529	2014	1-10	2267-1242	-	10.1051/e3sconf/202452902014	SCOPUS
170.	Surovi Paul, Lalit Kumar Tyagi	Paul S, Swetha G, Kaliyaperumal G, Singh N, Khan I, Raed R, Tyagi LK	Effect of Different Vegetation Roots on Mechanical Properties of Soil Stabilization on Slope	E3S Web of Conferences	29 May 2024	529	3013	1-12	2267-1242	-	10.1051/e3sconf/202452903013	SCOPUS
171.	Shekhar Sharma, Lalit Kumar Tyagi	Sharma S, Mallikarjuna Reddy V, Gowtham Raj R, Nijhawan G, Yadav DK, Raed R, Tyagi LK	Leveraging Waste-to-Energy Technologies for Sustainable Development: A Comprehensive Review	E3S Web of Conferences	29 May 2024	529	2010	1-12	2267-1242	-	10.1051/e3sconf/202452902010	SCOPUS
172.	Vandana Arora Sethi	Raman RS, Lavanya C, Manjunatha, Pal Thethi H, Parmar A, Mohammad LHQ, Arora Sethi V	Advancements in Soil Stabilization: The Efficacy of Fly Ash and GGBS	E3S Web of Conferences	29 May 2024	529	1014	1-11	2267-1242	-	10.1051/e3sconf/202452901014	SCOPUS
173.	Koushal Dhamija	Aishwarya BK, Revathi V, Singh N, Mathew L, Dhamija K, Fallah MH, Kalra R	Biodegradable Polymer Biomaterials for Tissue Engineering Applications: A Critical Review	E3S Web of Conferences	29 May 2024	529	1051	1-12	2267-1242	-	10.1051/e3sconf/202452901051	SCOPUS

174.	Vandana Arora Sethi	Devi KVR, Aravinda K, Abhijith Kumar AN, Sorabh L, Sethi VA, Muhamed H, Yadav DK	Use of Plastic Waste As Recycled Material in the Concrete	E3S Web of Conferences	29 May 2024	529	1035	1-11	2267-1242	-	10.1051/e3sconf/202452901035	SCOPUS
175.	Ashish Kumar Parashar	Vijaya Durga CSL, Anandhi RJ, Singh N, Ajeesh S, Parashar AK, Hussein L, Praveen	MEMS Technology in the Evolution of Structural Control Strategies	E3S Web of Conferences	29 May 2024	529	4013	1-10	2267-1242	-	10.1051/e3sconf/202452904013	SCOPUS
176.	Lalit Kumar Tyagi, Shivani Singh	Swathi B, Radhakrishnan R, Sangeeta K, Jain A, Tyagi LK, Hussain M, Singh S	Investigation of Solar Powered Single Effect Absorption System	E3S Web of Conferences	29 May 2024	529	3016	-	2267-1242	-	10.1051/e3sconf/202452903016	SCOPUS
177.	Preeti Maan	Saxena A, Krishna P, Reddy U, Dutt A, Kumar A, Mohammad Q, Maan P	Examination of Wind Impacts on RCC Frame Structures in Different Wind Zones	E3S Web of Conferences	29 May 2024	529	1011	1-11	2267-1242	-	10.1051/e3sconf/202452901011	SCOPUS
178.	Shilpa Pahwa	Hussain L, Praveen, Ragavu S, Pahwa S, Jain A, Anandhi RJ, Praveena K	The Development of Composites Materials: From Conventional to Innovative Uses	E3S Web of Conferences	29 May 2024	529	1050	1-11	2267-1242	-	10.1051/e3sconf/202452901050	SCOPUS
179.	Ashish Kumar Parashar	Swathi B, Ramesh Kumar D, Anuradha R, Nagpal A, Parashar AK, Al-Attabi K, Praveen	A Novel Perspective in Construction: Analysing the Effects of 3-D Printing Innovation	E3S Web of Conferences	29 May 2024	529	1031	1-10	2267-1242	-	10.1051/e3sconf/202452901031	SCOPUS
180.	Preeti Maan	Abhishek Saxena, Vivek Kumar C, Swathi B, Atul Singla, Ashwani Kumar, Q Mohammad, Preeti Maan	Effect of Replacement of Natural Sand by Manufactured Sand on The Self-Compacting Concrete	E3S Web of Conferences	29 May 2024	529	1012	1-11	2267-1242	-	10.1051/e3sconf/202452901012	SCOPUS
181.	Koushal Dhamija	Hari Krishna M, Manjunatha, Singh N, Abraham SM, Dhamija K, Hamza LHJ, Kalra R	From Flames to Fuels: A Review of Combustion in Energy Generation	E3S Web of Conferences	29 May 2024	529	2016	1-9	2267-1242	-	10.1051/e3sconf/202452902016	SCOPUS
182.	Shivani Singh	Amandeep Nagpal, Uma Reddy, Kilaru Aswini, Sumesh Chandran, Pradeep Kumar Chandra, Ramy Riad Al-Fatlawy, Shivani Singh	Electro-Chemical Energy Conversion and Storage Systems- Analytical Review	E3S Web of Conferences	29 May 2024	529	2015	1-8	2267-1242	-	10.1051/e3sconf/202452902015	SCOPUS
183.	Shilpi Chauhan	Ashwani Kumar, Muntather M Hassan, Shilpi Chauhan, Amala Lovely James, H Pal Thethi, Vijilius Helena Raj, Y Manohar Reddy	Advances in CCU Methods: Handling Release of Carbon for the Impact of Climate Change	E3S Web of Conferences	29 May 2024	529	3018	1-11	2267-1242	-	10.1051/e3sconf/202452903018	SCOPUS
184.	Vandana Arora Sethi	Ch Veena, Anandhi RJ, Asha Jose, Atul Singla,	Understanding Sustainable Alternatives for Industrial	E3S Web of Conferences	29 May 2024	529	1039	1-11	2267-1242	-	10.1051/e3sconf/20245290103	SCOPUS

		Vandana Arora Sethi, Mohammed Al Farouni, Ashish Parmar	Waste Apart from Landfills								9	
185.	Surovi Paul	Surovi Paul, Vivek Kumar C, Rakesh Chandrashekar, Amandeep Nagpal, Irfan Khan, Rawya Raed, Niti Sharma	Capacity of Heterogeneous Traffic in Urban Areas: A Level of Service Estimation	E3S Web of Conferences	01 June 2024	529	3012	1-12	2267-1242	-	10.1051/e3sconf/202452903012	SCOPUS
186.	Meenakshi Kaira	Kaira M, Walia V, Garg M	Effect of L-Carnitine Alone and In Combination with Metformin on the Behavioral and Biochemical Alterations Induced by Streptozotocin In Wistar Rats	Nutrire	05 June 2024	49	1	-	2316-7874	-	10.1186/s41110-024-00268-5	SCOPUS
187.	Kanchan Kohli	Datta Deepanjan, Noor Afeefa, Rathee Anjali, Singh Snigdha, Kohli Kanchan	Hypothesizing the Oleic Acid-Mediated Enhanced and Sustained Transdermal Codelivery of Pregabalin and Diclofenac Adhesive Nanogel: A Proof of Concept	Current Molecular Medicine	11 June 2024	24	11	1317-1328	1566-5240	2.2	10.2174/0115665240291343240306054318	SCIE
188.	Radha Goel	Nitin Kumar, Monika Singh, Radha Goel, Dinesh Puri, Mohd Nazam Ansari, Vaishali M Patil, Neeraj Kant Sharma, Hasan Ali, Abdulaziz S Saeedan	Formulation of Phytosomes Containing Rubia cordifolia Extract for Neuropathic Pain: In Vitro and In Vivo Evaluation	ACS Omega	30 June 2024	9	23	25381-25389	2470-1343	3.7	10.1021/acsomega.4c03774	SCIE
189.	Kanchan Kohli	Ralli Tanya, Ahmad Shahnawaz, Saifi Zoya, Alhalmi Abdulsalam, Aeri Vidhu, Aqil Mohd, Kohli Kanchan	Exploring the Therapeutic Potential of Silymarin-Based Herbal Remedy (Prebiotic) and Probiotic Blend in a Mouse Model of NAFLD: Insights Into Gut Microbiota Modulation and Liver Health	Heliyon	30 June 2024	10	12	1-17	2405-8440	3.4	10.1016/j.heliyon.2024.e33505	Non-SCI
190.	Vandana Arora Sethi, Syed Salman Ali	Rawat Kirti, Sethi Vandana Arora, Ali Syed Salman	Exploring the Role of Artificial Intelligence and Machine Learning in Pharmaceutical Formulation Design	International Journal of Newgen Research in Pharmacy & Healthcare	30 June 2024	2	1	135-153	2584-0096	-	10.61554/ijnrph.v2i1.2024.70	Non-SCI
191.	Syed Salman Ali	Khan Atifa, Ali Syed Salman	Bridging the Gap: A Critical Analysis of Pre-Clinical Wound Healing Models for Improved Translation to Clinical	International Journal of Newgen Research in Pharmacy & Healthcare	30 June 2024	2	1	187-207	2584-0096	-	10.61554/ijnrph.v2i1.2024.65	Non-SCI

			Efficacy									
192.	Syed Salman Ali	Tanya Yadav, Syed Salman Ali	Cellular and Molecular Mechanism of Wound Healing Along with Different Plants Used in Wound Healing Potential	International Journal of Newgen Research in Pharmacy & Healthcare	30 June 2024	2	1	218-228	2584-0096	-	10.61554/ijnrp h.v2i1.2024.68	Non-SCI
193.	Ashish Kumar Parashar, Vandana Arora Sethi	Deepti Vajpayee, Ashish Kumar Parashar, Vandana Arora Sethi	Gomphrena Serrata: A Medicinal Plant	International Journal of Newgen Research in Pharmacy & Healthcare	30 June 2024	2	1	220-234	2584-0096	-	10.61554/ijnrp h.v2i1.2024.62	Non-SCI
194.	Syed Salman Ali, Vandana Arora Sethi	Anita Maddheshiya, Syed Salman Ali, Vandana Arora Sethi	Phyllanthus Engleri and other Species: Traditional and Medicinal Values	International Journal of Newgen Research in Pharmacy & Healthcare	30 June 2024	2	1	235-247	2584-0096	-	10.61554/ijnrp h.v2i1.2024.69	Non-SCI