K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

CENTRE OF EXCELLENCE FOR SUSTAINABLE DEVELOPMENT GOALS

Research Data 2021-2025

Goal 13 | Total Publications: 71

S. No	Author full names	Title	Year	Field-Weighted Citation Impact	Field-Citation Average	CiteScore (publication year)	SDG GOALS	Cited by	DOI	Link	Authors with affiliations	ISBN	Document Type
1	Kumar, Antul (57214227802); Choudhary, Anuj (57214233015); Kaur, Harmanjot (57188931498); Guha, Satyakam (58585827700); Mehta, Sahil (57215285440); Husen, Azamal (6602957635)	Potential Applications of Engineered Nanoparticles in Plant Disease Management: A Critical Update	2022	6.77	15.06	13.3	Goal 13	138	10.1016/j.chemosphere.2022.133798	https://www.scopus.com/pages/publications/85124276509?origin=resultslist	Kumar A., Department of Botany, Punjab Agricultural University, Ludhiana, 141004, India; Choudhary A., Department of Botany, Punjab Agricultural University, Ludhiana, 141004, India; Kaur H., Department of Botany, Punjab Agricultural University, Ludhiana, 141004, India; Guha S., Department of Botany, Hansraj College, University of Delhi, Delhi, 110007, India; Mehta S., International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, School of Agricultural Sciences, K.R. Mangalam University, Sohna Rural, Haryana, 122103, India; Husen A., Wolaita Sodo University, P.O. Box: 138, Wolaita, Ethiopia		Article
2	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Beryozkina, Svetlana (55368375900); Safaraliev, Murodbek (57208887917); Singh, Manpreet (57145500900)	The colorful economics of hydrogen: Assessing the costs and viability of different hydrogen production methods - A review	2024	7.36	5.84	13.3	Goal 13	93	10.1016/j.ijhydene.2024.02.255	https://www.scopus.com/pages/publications/85186712244?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, 140401, India, Applied Science Research Center, Applied Science Private University, Al Arab st. 21-Amman, Amman, 11931, Jordan; Gupta J., Department of Computer Science Engineering, K.R. Mangalam University, Sohna Rural, Sohna, Haryana, Gurugram, 122103, India; Beryozkina S., College of Engineering and Technology, American University of the Middle East, Kuwait; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Mira str., 19, Ekaterinburg, 620002, Russian Federation; Singh M., Department of Mechanical Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, 140401, India		Article
3	Singh, Manpreet (57145500900); Singla, Manish Kumar (57208304510); Beryozkina, Svetlana (55368375900); Gupta, Jyoti (57208304758); Safaraliev, Murodbek (57208887917)	Hydrogen vehicles and hydrogen as a fuel for vehicles: A-State-of-the-Art review	2024	4.62	5.84	13.3	Goal 13	48	10.1016/j.ijhydene.2024.03.325	https://www.scopus.com/pages/publications/85189689259?origin=resultslist	Singh M., Department of Mechanical Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, 140401, India; Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, 140401, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Beryozkina S., College of Engineering and Technology, American University of the Middle East, Kuwait; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Sohna Rural, Sohna, Haryana, Gurugram, 122103, India; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, 19 Mira Str, Yekaterinburg, 620002, Russian Federation		Article
4	Talukdar, Amit (57763582000); Chakrovorty, Amrit (59145251200); Sarmah, Pranjal (57209039023); Paramasivam, Prabhu (57283686300); Kumar, Virendra (57197697420); Yadav, Surendra Kumar (57218368941); Manickkam, Sathiyamoorthy (57191901075)	A Review on Solid Oxide Fuel Cell Technology: An Efficient Energy Conversion System	2024	1.85	16.19	12.1	Goal 13	93	10.1155/2024/6443247	https://www.scopus.com/pages/publications/85194248232?origin=resultslist	Talukdar A., Department of Mechanical Engineering, Dibrugarh University, Assam, Dibrugarh, 786004, India; Chakrovorty A., Department of Mechanical Engineering, Dibrugarh University, Assam, Dibrugarh, 786004, India; Sarmah P., Department of Mechanical Engineering, Dibrugarh University, Assam, Dibrugarh, 786004, India; Paramasivam P., Department of Research and Innovation, Saveetha School of Engineering, SIMATS, Tamil Nadu, Chennai, 602105, India, Department of Mechanical Engineering, Mattu University, Metu, 318, Ethiopia; Kumar V., Department of Mechanical Engineering, Harcourt Butler Technical University, Kanpur, 208002, India; Yadav S.K., Department of Mechanical Engineering, K. R. Mangalam University, Haryana, Gurugram, 122001, India; Manickkam S., Faculty-Chemical Engineering, Higher Colleges of Technology, Ruwais Women's College, PO Box 12389, Abu Dhabi, United Arab Emirates		Review

5	Pathak, Shray (57203865395); Sharma, Shreya (58694119400); Banerjee, Abhishek (57211921648); Kumar, Sanjeev (57359869100)	A methodology to assess and evaluate sites with high potential for stormwater harvesting in Dehradun, India	2024	4.06	4.93	11.3	Goal 13	25	10.1016/j.bdr.2023.100415	https://www.scopus.com/pages/publications/85177843238?origin=resultslist	Pathak S., Department of Civil Engineering, Indian Institute of Technology Ropar, Punjab, Rupnagar, 140001, India; Sharma S., School of Management and Commerce, K.R. Mangalam University, Haryana, Gurugram, India; Banerjee A., State Key Laboratory of Cryospheric Sciences, Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences, Donggang West Rd. 318, Lanzhou, 730000, China; Kumar S., Department of Geoinformatics, Netaji Subhas University of Technology, New Delhi, India		Article
6	Singh, Archana (55505392800); Mehta, Sahil (57215285440); Yadav, Sunita (15833419900); Nagar, Garima (57445417900); Ghosh, Rajgourab (55674222500); Roy, Amit (58954745200); Chakraborty, Amrita (57200632109); Singh, Indrakant K. (24491218200)	How to Cope with the Challenges of Environmental Stresses in the Era of Global Climate Change: An Update on ROS Stave off in Plants	2022	2.94	32.67	7.8	Goal 13	134	10.3390/ijms23041995	https://www.scopus.com/pages/publications/85124282135?origin=resultslist	Singh A., Department of Botany, Hansraj College, University of Delhi, New Delhi, 110007, India; Mehta S., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna Rural, 122103, India; Yadav S., Department of Botany, Sri Venkateswara College, University of Delhi, Delhi, 110021, India; Nagar G., Molecular Biology Research Lab, Department of Zoology, Deshbandhu College, University of Delhi, Kalkaji, New Delhi, 110019, India; Ghosh R., Department of Biotechnology, Amity University, Kolkata, 700135, India; Roy A., Excelentní Tým pro Mitigaci (ETM), Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Kamýcká 129, Prague 6, Suchdol, 165 21, Czech Republic, EVA4.0 Unit, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Kamýcká 129, Prague 6, Suchdol, 165 21, Czech Republic; Chakraborty A., EVA4.0 Unit, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Kamýcká 129, Prague 6, Suchdol, 165 21, Czech Republic; Singh I.K., Molecular Biology Research Lab, Department of Zoology, Deshbandhu College, University of Delhi, Kalkaji, New Delhi, 110019, India, DBC i4 Center, Deshbandhu College, University of Delhi, Kalkaji, New Delhi, 110019, India		Review
7	Singh, Tej (57970285600); Aherwar, Amit (55998796800); Ranakoti, Lalit (57209850819); Bhandari, Prabhakar (57189488377); Singh, Vedant (56033066400); Lendvai, László (56611960900)	Performance Optimization of Lignocellulosic Fiber-Reinforced Brake Friction Composite Materials Using an Integrated CRITIC-CODAS-Based Decision-Making Approach	2023	0.91	8.82	6.8	Goal 13	19	10.3390/su15118880	https://www.scopus.com/pages/publications/85161629899?origin=resultslist	Singh T., Savaria Institute of Technology, Faculty of Informatics, ELTE Eötvös Loránd University, Szombathely, 9700, Hungary; Aherwar A., Department of Mechanical Engineering, Madhav Institute of Technology and Science, Gwalior, 474005, India; Ranakoti L., Mechanical Engineering Department, Graphic Era (Deemed to be University) Dehradun, Dehradun, 248002, India; Bhandari P., Department of Mechanical Engineering, School of Engineering & Technology, K.R. Mangalam University, Gurgaon, 122103, India; Singh V., Faculty of Engineering and Management, Abhilashi University, Mandi, 175028, India; Lendvai L., Department of Materials Science and Engineering, Széchenyi István University, Győr, 9026, Hungary		Article
8	Kumari, Priyanka (58384043300); Kumari, Neeraj (57562251100); Mohan, Chandra (57191527445); Al-Ansari, Mysoon M. (55266071800); Dixit, Saurav (57194779967)	Augmenting barrier efficiency in clay-based starch composite films for enhanced packaging sustainability	2024	0.69	4.35	6.4	Goal 13	6	10.1002/pat.6458	https://www.scopus.com/pages/publications/85195130273?origin=resultslist	Kumari P., Department of Chemistry, Shivaji College, University of Delhi, Delhi, India; Kumari N., Department of Chemistry, School of Basic and Applied Science, K. R. Mangalam University Gurugram, Haryana, India; Mohan C., Department of Chemistry, School of Basic and Applied Science, K. R. Mangalam University Gurugram, Haryana, India; Al-Ansari M.M., Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, Saudi Arabia; Dixit S., Division of Research and Innovation, Uttaranchal University, Dehradun, India, Division of Research and Development, Lovely Professional University, Punjab, Phagwara, India, Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, Russian Federation		Article
9	Mohan, Sumedha (57212542982); Raj, Seema (58631630800)	Impact of high and low concentration of fly ash amended soil on physico-chemical properties of biodiesel produced from Jatropha curcas	2022	0.06	16.69	5.7	Goal 13	2	10.1002/ep.13819	https://www.scopus.com/pages/publications/85125667309?origin=resultslist	Mohan S., Amity Institute of Biotechnology, Amity University, Uttar Pradesh, Noida, India; Raj S., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurgaon, India		Article
10	Sharma, Shreya (58694119400); Pathak, Shray (57203865395); Kumar, Sanjeev (57359869100)	A Planning-Support Tool for Spatial Suitability Assessment of Harvesting Sites for Stormwater Infrastructure	2024	3.96	5.05	5.3	Goal 13	22	10.1061/JHTRBP.HZENG-1249	https://www.scopus.com/pages/publications/85176612210?origin=resultslist	Sharma S., School of Management and Commerce, K.R. Mangalam Univ., Haryana, Gurugram, 122103, India; Pathak S., Dept. of Civil Engineering, Indian Institute of Technology, Ropar, Punjab, Rupnagar, 140001, India; Kumar S., Dept. of Geoinformatics, Netaji Subhas University of Technology, New Delhi, 110078, India		Article

11	Rana, Virendra Singh (57969684600); ul haq, Md Zia (57855916600); Mathur, Nishant (57970611900); Khera, Gurbir Singh (57727239100); Dixit, Saurav (57194779967); Singh, Subhav (57195480641); Prakash, Anshika (57477933700); Viktorovna, Glazkova Valeriya (58515172800); Soloveva, O.V. (56442598000); Solovev, S.A. (24476721700)	Assortment of latent heat storage materials using multi criterion decision making techniques in Scheffler solar reflector	2024	16.28	4.12	4.2	Goal 13	72	10.1007/s12008-023-01456-9	https://www.scopus.com/pages/publications/85166347474?origin=resultslist	Rana V.S., The ICFAI University, Dehradun, India; ul haq M.Z., Department of Civil Engineering, Chandigarh University, Chandigarh, India; Mathur N., The ICFAI University, Dehradun, India; Khera G.S., K R Mangalam University, Gurgaon, 122103, India; Dixit S., Division of Research and Innovation, Uttaranchal University, Dehradun, India, Department of Management Science and Engineering, Khalifa University of Science and Technology, Abu Dhabi, 127788, United Arab Emirates, Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Singh S., Lovely Professional University, Punjab, Phagwara, India; Prakash A., K R Mangalam University, Gurgaon, 122103, India; Viktorovna G.V., Department of Management and Innovation, National Research University “Moscow State University of Civil Engineering”, Moscow, Russian Federation; Soloveva O.V., Kazan State Power Engineering University, Kazan, Russian Federation; Solovev S.A., Kazan State Power Engineering University, Kazan, Russian Federation		Article
12	Arora, Rishabh (57218384388); Kumar, Kaushal (36948986200); Dixit, Saurav (57194779967)	Comparative analysis of the influence of partial replacement of cement with supplementing cementitious materials in sustainable concrete using machine learning approach	2024	1.43	4.89	3.6	Goal 13	10	10.1007/s42107-023-00858-0	https://www.scopus.com/pages/publications/85166970517?origin=resultslist	Arora R., Department of Civil Engineering, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Kumar K., Department of Mechanical Engineering, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Dixit S., Division of Research and Innovation, Uttaranchal University, Uttaranchal, Dehradun, 248007, India		Article
13	Prakash, Anshika (57477933700); Arora, Meenal (57477933600); Mittal, Amit (57210989478); Kampani, Shivani (57210577492); Dixit, Saurav (57194779967)	Green manufacturing: Related literature over the past decade	2022	1.7	5.87	3.2	Goal 13	12	10.1016/j.matpr.2022.09.142	https://www.scopus.com/pages/publications/85138507867?origin=resultslist	Prakash A., School of Management and Commerce, K.R. Mangalam University, Haryana, 122103, India; Arora M., New Delhi Institute of Management, 61, Tughlakabad Institutional Area, New Delhi, 110062, India; Mittal A., Chitkara Business School, Chitkara University, Punjab, 14040, India; Kampani S., School of Management and Commerce, K.R. Mangalam University, Haryana, 122103, India; Dixit S., Division of Research and Innovation, Uttaranchal University, Dehradun, 248007, India, Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation		Conference paper
14	Khan, Sarah (57218679918); Gupta, Kewal (57907112300); Kumar, Kaushal (36948986200); Routela, Reeta (57880051400)	A Review of Groundwater Status and Problems due to Industrial Pollution: Case Study of Ghaziabad City	2022	0.34	5.87	3.2	Goal 13	4	10.1016/j.matpr.2022.08.474	https://www.scopus.com/pages/publications/85138813589?origin=resultslist	Khan S., School of Engineering & Technology, K.R. Mangalam University, Gurugram, 122103, India; Gupta K., School of Engineering & Technology, K.R. Mangalam University, Gurugram, 122103, India; Kumar K., School of Engineering & Technology, K.R. Mangalam University, Gurugram, 122103, India; Routela R., Uttaranchal University, Dehradun, 248007, India		Conference paper
15	Robinson, Jenifer (58342953500); Kumari, Neeraj (57562251100); Srivastava, V.K. (57208497611); Taskaeva, Natalia (56184060300); Mohan, Chandra (57191527445)	Sustainable and environmental friendly energy materials	2022	5.45	5.87	3.2	Goal 13	40	10.1016/j.matpr.2022.09.187	https://www.scopus.com/pages/publications/85138163232?origin=resultslist	Robinson J., School of Basic & Applied Sciences, K R Mangalam University, Gurugram, 122103, India; Kumari N., Deptt. of Chemistry, School of Basic & Applied Sciences, K. R. Mangalam University, Gurugram, 122103, India; Srivastava V.K., Division of Research & Innovation, Uttaracnchal University, Dehradun, 248007, India; Taskaeva N., Deptt. of Management and Innovation, National Research University, Moscow State University of Civil Engineering 129337, Russian Federation; Mohan C., Deptt. of Chemistry, School of Basic & Applied Sciences, K. R. Mangalam University, Gurugram, 122103, India		Conference paper
16	Jadhav, Makarand Mohan (57213774582); Agarwal, Pankaj (57210478198); Umadevi, B. (57211160343); Khatibi, Ali (26435824800); Akhila, N. (57216649467); Sandeep, Kasturi Sai (58316081400); Banerjee, Sudipta (59307717500)	Climate Change Prediction in Sustainable Healthcare Systems for Biodiverse Ecosystem Based on Satellite Data Modelling	2024	0.29	3.4	2.1	Goal 13	3	10.1007/s41976-024-00120-4	https://www.scopus.com/pages/publications/85202770019?origin=resultslist	Jadhav M.M., Department of Electronics and Telecommunication, NBN Sinhgad Technical Institutes Campus, Pune, 411041, India; Agarwal P., School of Engineering and Technology, K.R. Mangalam University, Gurgaon, India; Umadevi B., Department of Mathematics, JSS Academy of Technical Education, Karnataka, Bengaluru, 560060, India; Khatibi A., Management and Science University, Selangor, Shah Alam, Malaysia; Akhila N., Department of Computer Science & Engineering, Aditya University, Surampalem, India; Sandeep K.S., Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, Guntur Dist.,Vaddeswaram, Andhra Pradesh, 522302, India; Banerjee S., Symbiosis Institute of Technology, Pune Campus, Symbiosis International (Deemed University) (SIU), Pune, India		Article
17	Patel, Sanjay Kumar (57328460300); Kumari, Poonam (57328738100); Manglani, Amit (57203883094); Chaudhari, Ashish Kant (59244033600); Kadian, Pushpender (58861736700)	AN EMPIRICAL STUDY ON CARBON DISCLOSURE PRACTICES AND STRATEGIES IN EMERGING MARKET	2024	0.26	3.86	1.9	Goal 13	3	10.22495/cbsrv5i3art15	https://www.scopus.com/pages/publications/85200270475?origin=resultslist	Patel S.K., Central University of Rajasthan, Ajmer, India; Kumari P., K. R. Mangalam University, Gurugram, India; Manglani A., Guru Ghasidas Vishwavidyalaya, Bilaspur, India; Chaudhari A.K., Banaras Hindu University, Varanasi, India; Kadian P., Manipal University, Jaipur, India		Article

18	Mohan, Chandra (57191527445); Robinson, Jenifer (58342953500); Lal, Chhagan (6603913667); Jammala, Ajitha Priya Neeraja (58765983600); Meena, Prem Lata (6603230374)	Sustainable Energy Solutions for Environmental Pollution Control	2024	5.46	0.73	1.1	Goal 13	7	10.1051/e3sconf/202451101023	https://www.scopus.com/pages/publications/85190850245?origin=resultslist	Mohan C., Department of Chemistry, Sbas, K R Mangalam University, Gurugram, 122103, India; Robinson J., Department of Chemistry, Sbas, K R Mangalam University, Gurugram, 122103, India; Lal C., Department of Chemistry, Swami Shraddhanand College, Delhi, 110036, India; Jammala A.P.N., University of Technology and Applied Sciences, Muscat, Oman; Meena P.L., Department of Chemistry, Shyam Lal College, Delhi, India		Conference paper
19	Chhabra, Soosan (58675218800); Joshi, Ankita (58944638500); Mishra, Saket (59189176400); Singh, Amanveer (58478180600); Babu, B. Sankara (56879035300); Kampani, Shivani (57210577492); Kumar, Kaushal (36948986200)	Novel Nanocomposite Electrolytes for Sustainable Fuel Cells	2024	0	0.73	1.1	Goal 13	0	10.1051/e3sconf/202453707013	https://www.scopus.com/pages/publications/85196916259?origin=resultslist	Chhabra S., Lovely Professional University, Phagwara, India; Joshi A., Uttaranchal University, Dehradun, India; Mishra S., Centre of Research Impact and Outcome, Chitkara University, Rajpura, India; Singh A., Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh, India; Babu B.S., Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India; Kampani S., G D Goenka University, Haryana, India; Kumar K., K R Mangalam University, Gurgaon, India		Conference paper
20	Vafaeva, Khristina Maksudovna (58854507200); Chhetri, Abhishek (58994191400); Sudan, Prerak (58313879700); Mishra, Mukul (59263609600); Pakkiraiah, B. (57189087274); Mohan, Chandra (57191527445)	Polymer Matrix Nanocomposites for Sustainable Packaging: A Green Approach	2024	6.82	0.73	1.1	Goal 13	9	10.1051/e3sconf/202451101008	https://www.scopus.com/pages/publications/85190840608?origin=resultslist	Vafaeva K.M., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Lovely Professional University, Punjab, Phagwara, India; Chhetri A., Uttaranchal University, Dehradun, 248007, India; Sudan P., Centre of Research Impact and Outcome, Chitkara University, Punjab, Rajpura, 140417, India; Mishra M., Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh, 174103, India; Pakkiraiah B., Department of EEE, GRIET, Bachupally, Telangana, Hyderabad, India; Mohan C., Department of Chemistry, Sbas, K R Mangalam University, Gurugram, 122103, India		Conference paper
21	Ul Haq, Md Zia (57855916600); Sood, Hemant (58822243000); Kumar, Rajesh (59442235700); Sharma, Vishal (57194844078); Kumar, Anuj (57821758800); Srinivas, T. (57210963718); Gulati, Monica (7006677671); Bindu, K. Hima (57213300996); Kumar, Kaushal (36948986200)	Eco-Friendly Building Material Innovation: Geopolymer Bricks from Repurposed Plastic Waste	2023	37.37	1.55	0.9	Goal 13	62	10.1051/e3sconf/202343001201	https://www.scopus.com/pages/publications/85175469285?origin=resultslist	Ul Haq M.Z., Department of Civil Engineering, Nitttr Chandigarh, Sector 26, Chandigarh, India; Sood H., Department of Civil Engineering, Nitttr Chandigarh, Sector 26, Chandigarh, India; Kumar R., Department of Civil Engineering, Ccet Chandigarh, Sector 26, Chandigarh, India; Sharma V., Department of Civil Engineering, Chandigarh University, Mohali, India; Kumar A., Division of Research & Innovation, Uttaranchal University, Dehradun, 248007, India; Srinivas T., Department of Civil Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Gulati M., Lovely Professional University, Punjab, Phagwara, 144001, India; Bindu K.H., Kg Reddy College of Engineering & Technology, India; Kumar K., K R Mangalam University, Gurgaon, 122103, India		Conference paper
22	Ul Haq, Md. Zia (57855916600); Sood, Hemant (58822243000); Kumar, Rajesh (59442235700); Chaudhary, Prashant (58675191100); Lavanya, C. (57194185454); Dhaliwal, Navdeep (55458864400); Singarapu, Sathish (58675587700); Kumar, Kaushal (36948986200)	Waste Upcycling in Construction: Geopolymer Bricks at the Vanguard of Polymer Waste Renaissance	2023	32.21	1.55	0.9	Goal 13	59	10.1051/e3sconf/202343001205	https://www.scopus.com/pages/publications/85175416757?origin=resultslist	Ul Haq M.Z., Department of Civil Engineering, Nitttr Chandigarh, Sector 26, Chandigarh, India; Sood H., Department of Civil Engineering, Nitttr Chandigarh, Sector 26, Chandigarh, India; Kumar R., Department of Civil Engineering, Ccet Chandigarh, Sector 26, Chandigarh, India; Chaudhary P., Division of Research & Innovation, Uttaranchal University, Dehradun, 248007, India; Lavanya C., Department of Civil Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Dhaliwal N., Lovely Professional University, Punjab, Phagwara, 144001, India; Singarapu S., Kg Reddy College of Engineering & Technology, India; Kumar K., K R Mangalam University, Gurgaon, 122103, India		Conference paper
23	Singel, Rashmi (57880239800); Kamboj, Neha (57880635500); Shrivastwa, Swati (58796063700); Kampani, Shivani (57210577492); Prakash, Anshika (57477933700); Choudhary, Vinita (58335911000)	Impact of Green Marketing Initiatives on Consumer Buying Behaviour: An Empirical Analysis	2023	0	0.78	0.5	Goal 13	0	10.1063/5.0179527	https://www.scopus.com/pages/publications/85181559778?origin=resultslist	Singel R.; Kamboj N., K R Mangalam University, Haryana, Gurgaon, India; Shrivastwa S., K R Mangalam University, Haryana, Gurgaon, India; Kampani S., K R Mangalam University, Haryana, Gurgaon, India; Prakash A.; Choudhary V., K R Mangalam University, Haryana, Gurgaon, India	978-073544733-2	Conference paper
24	Kulshrestha, Sony (58505524500); Acharya, Nishtha (59367216300); Mathur, Katha (59449965700); Pandey, Tilottma (59449105000)	Legal Framework and Regulatory Compliance in Metal Mining-An Analysis of Environmental and Operational Standards	2024	0.39	5.17	0.4	Goal 13	8	10.18311/jmmf/2024/45548	https://www.scopus.com/pages/publications/85210554909?origin=resultslist	Kulshrestha S., Department of Law, Manipal University, Rajasthan, Jaipur, 303007, India; Acharya N., Department of Law, Manipal University, Rajasthan, Jaipur, 303007, India; Mathur K., BSES Yamuna Power Ltd, Delhi, 110032, India; Pandey T., School of Legal Studies, K R Mangalam University, Sohna Road, Haryana, Gurugram, 122103, India		Article
25	Valeriya, Glazkova (57194442650); Kirola, Madhu (57226121339); Gupta, Manish (57190021967); Bharathi, P. (58855092600); Acharya, Puja (57226339323); Sharma, Rajat (57196545879)	Evaluating the Impact of AI-Based Sustainability Measures in Industry 5.0: A Longitudinal Study	2024	30.71	0.62	0.4	Goal 13	30	10.1051/bioconf/20248601058	https://www.scopus.com/pages/publications/85183629514?origin=resultslist	Valeriya G., Department of Management and Innovation, National Research Moscow State University of Civil Engineering (NRU MGSU), 26 Yaroslavskoye Highway, Moscow, Russian Federation; Kirola M., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, 248007, India; Gupta M., Lovely Professional University, Punjab, Phagwara, India; Bharathi P., GRIET, Bachupally, Telangana, Hyderabad, India; Acharya P., K R Mangalam University, Gurgaon, India; Sharma R., GD Goenka University, Haryana, Sohna, India		Conference paper

26	Chulenyov, Anatoly (57131093800); Nautiyal, Mansi (58853755400); Singla, Atul Kumar (58675574800); Arora, Rishabh (57218384388); Kumar, Anil (59645409000)	Reducing Carbon Emissions: An Analysis of Smart City Initiatives and the Carbon Reduction Test	2024	3.23	0.62	0.4	Goal 13	2	10.1051/bioconf/20248601081	https://www.scopus.com/pages/publications/85183625519?origin=resultslist	Chulenyov A., Moscow State University of Civil Engineering, Moscow, 129337, Russian Federation; Nautiyal M., Uttaranchal University, Dehradun, 248007, India; Singla A.K., Lovely Professional University, Punjab, Phagwara, India; Arora R., K R Mangalam University, Gurgaon, India; Kumar A., GD Goenka University, Haryana, Sohna, India		Conference paper
27	Parmar, Hemangini (57189646949); Venkatapuram, Ajay Kumar (57218246386); Rashid, Afreen (57466647500); Sangeetha, K. (57953931100); Mehta, Sahil (57215285440); Reddy, Malireddy K. (7402242401); Goel, Anjana (8041336600); Achary, V. Mohan M. (37064340700)	Portfolio of Drought Stress Response and Genetic Enhancement Strategies for Development of Future Drought-Tolerant Crop	2022	2.06	2.43	0	Goal 13	5	10.1007/978-981-16-7759-5_24	https://www.scopus.com/pages/publications/85140948723?origin=resultslist	Parmar H., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India, Department of Biotechnology, GLA University, Uttar Pradesh, Mathura, India; Venkatapuram A.K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Rashid A., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Sangeetha K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Mehta S., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India, School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna, India; Reddy M.K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Goel A., Department of Biotechnology, GLA University, Uttar Pradesh, Mathura, India; Achary V.M.M., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India	978-981167759-5; 978-981167758-8	Book chapter
28	Kumar, Antul (57214227802); Choudhary, Anuj (57214233015); Kaur, Harmanjot (57188931498); Kumar, Ritesh (55371399900); Sharma, Radhika (57908292500); Gautam, Himani (57554373200); Mehta, Sahil (57215285440)	Water Pollution andMedicinal Plants: Insights into the Impact and Adaptation Responses	2022	7.31	1.23	0	Goal 13	10	10.1201/9781003178866-6	https://www.scopus.com/pages/publications/85150551921?origin=resultslist	Kumar A., Punjab Agricultural University, Ludhiana, India; Choudhary A., Punjab Agricultural University, Ludhiana, India; Kaur H., Punjab Agricultural University, Ludhiana, India; Kumar R., Kansas State University, Manhattan, United States; Sharma R., Dr. Y.S Parmar University of Horticulture and Forestry Nauni, Solan, India; Gautam H., Dr. Y.S Parmar University of Horticulture and Forestry Nauni, Solan, India; Mehta S., International Centre for Genetic Engineering and Biotechnology, K.R. Mangalam University, India	978-100057060-1; 978-103201484-5	Book chapter
29	Banerjee, Subhanil (57193440259); Gupta, Shilpi (57878556900); Koner, Souren (57218883902)	Impact of the brundtland commission on select climate changing variables: An empirical analysis	2022	0.66	1.51	0	Goal 13	3	10.4018/978-1-6684-4610-2.ch015	https://www.scopus.com/pages/publications/85161498371?origin=resultslist	Banerjee S., Department of Economics, School of Humanities, KR Mangalam University, Gurgram, India; Gupta S., Amity University, Raipur, India; Koner S., Amity University, Raipur, India	978-166844612-6; 978-166844610-2	Book chapter
30	Singh, Khushboo (56805849700); Boken, Geeta (58150316700); Mehta, Sahil (57215285440)	Genetic modification and genome engineering of plants for adverse environmental pollution	2022	1.11	2.71	0	Goal 13	3	10.1016/B978-0-323-99978-6.00001-7	https://www.scopus.com/pages/publications/85150552768?origin=resultslist	Singh K., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Boken G., Department of Genetics and Plant Breeding, CCS Haryana Agricultural University, Haryana, Hisar, India; Mehta S., Department of Botany, Hansraj College, University of Delhi, New Delhi, India	978-032399978-6	Book chapter
31	Choudhary, Anuj (57214233015); Kumar, Antul (57214227802); Kaur, Harmanjot (57188931498); Singh, Mandeep (59631093700); Suri, Gurparsad Singh (57221112379); Kaur, Gurleen (59860347700); Mehta, Sahil (57215285440)	Effect of Elevated CO2Conditions on Medicinal Plants: A Relatively Unexplored Aspect	2022	10.56	1.23	0	Goal 13	17	10.1201/9781003178866-5	https://www.scopus.com/pages/publications/85150588838?origin=resultslist	Choudhary A., Punjab Agricultural University, Ludhiana, India; Kumar A., Punjab Agricultural University, Ludhiana, India; Kaur H., Punjab Agricultural University, Ludhiana, India; Singh M., Punjab Agricultural University, Ludhiana, India; Suri G.S., California Baptist University, Riverside, United States; Kaur G., California Baptist University, Riverside, United States; Mehta S., International Centre for Genetic Engineering and Biotechnology, K.R. Mangalam University, India	978-100057060-1; 978-103201484-5	Book chapter
32	Singhal, Soumya (57578844100); Gulati, Khushboo (57216441715); Chhabra, Isha (57214685772)	Sustainability as a catalyst of financial development	2023	0	1.02	0	Goal 13	0	10.4018/978-1-6684-8361-9.ch009	https://www.scopus.com/pages/publications/85162665253?origin=resultslist	Singhal S., Trinity Institute of Professional Studies, Guru Gobind Singh Indraprastha University, India; Gulati K., Manav Rachna University, India; Chhabra I., K.R. Mangalam University, Gurugram, India	978-166848363-3; 978-166848361-9	Book chapter
33	Banerjee, Subhanil (57193440259); Koner, Souren (57218883902); Goswami, Jai Kishon (57218272570); Kumar, Deepak (58633873700); Kumari, Rohini (58633257700)	The Digital Economy and Anthropocentric Sustainable Development: The Environmental Resilience of the Asian Continent	2023	0	1.02	0	Goal 13	0	10.4324/9781003388753-10	https://www.scopus.com/pages/publications/85173334011?origin=resultslist	Banerjee S., PES University, Bengaluru, India; Koner S., Royal Global University, Guwahati, India; Goswami J.K., Manav Rachna International Institute of Research and Studies, Faridabad, India; Kumar D., K.R. Mangalam University, Sohna, India; Kumari R., K.R. Mangalam University, Sohna, India	978-100098461-3; 978-103248382-5	Book chapter
34	Kriti (57202238677); Chauhan, Tanuj (59416485400); Sharma, Sneha (59416493100); Sangwan, Nisha (59416482700); Verma, Akarsh (57210519982)	The modes of disaster	2024	0	0.59	0	Goal 13	0		https://www.scopus.com/pages/publications/85209599364?origin=resultslist	Kriti, Department of Physic, SBAS, K. R. Mangalam University, Gurugram, India; Chauhan T., School of Engineering and Technology, K. R. Mangalam University, Gurugram, India; Sharma S., School of Engineering and Technology, K. R. Mangalam University, Gurugram, India; Sangwan N., School of Engineering and Technology, K. R. Mangalam University, Gurugram, India; Verma A., Department of Mechanical Engineering, UPES, Dehradun, India	979-889530112-8; 979-889530059-6	Book chapter

35	Jain, Vishal (57192707657); Raman, Murali (56238888000); Agrawal, Akshat (57213441821); Hans, Meenu (57218434240); Gupta, Swati (59104024700)	Convergence Strategies for Green Computing and Sustainable Development	2024	0	1.18	0	Goal 13	0	10.4018/979-8-3693-0338-2	https://www.scopus.com/pages/publications/85192117256?origin=resultslist	Jain V., Sharda University, India; Raman M., Asia Pacific University, Malaysia; Agrawal A., Amity University, India; Hans M., K. R. Mangalam University, India; Gupta S., K. R. Mangalam University, India	979-836930340-5; 979-836930338-2	Book
36	Jeet, Shobhna (58705176000); Bahmani, Misha (59179979200); Mohan, Chandra (57191527445); Carabineiro, Sonia A. C. (6602118574)	Climate disaster and sustainable development goals	2024	0	0.59	0	Goal 13	0		https://www.scopus.com/pages/publications/85209599999?origin=resultslist	Jeet S., School of Legal Studies, K R Mangalam University, Gurugram, India; Bahmani M., IILM Law School, IILM University, Gurugram, India; Mohan C., Department of Chemistry, SBAS, K. R. Mangalam University, Gurugram, India; Carabineiro S.A.C., Department of Chemistry, NOVA University of Lisbon, Caparica, Portugal	979-889530112-8; 979-889530059-6	Book chapter
37	Kamboj, Neha (57880635500); Choudhary, Vinita (58335911000); Trivedi, Sonal (57226676130)	Life cycle analysis of electric vehicles	2024	1.3	0.77	0	Goal 13	3	10.4018/9798369311073.ch013	https://www.scopus.com/pages/publications/85186030923?origin=resultslist	Kamboj N., IILM University, India; Choudhary V., K.R. Mangalam University, India; Trivedi S., VIT Bhopal University, India	979-836931108-0; 979-836931107-3	Book chapter
38	Jain, Vishal (57192707657); Raman, Murali (56238888000); Agrawal, Akshat (57213441821); Hans, Meenu (57218434240); Gupta, Swati (59104024700)	Achieving Sustainability with AI Technologies	2024	0	1.25	0	Goal 13	0	10.4018/979-8-3693-3410-2	https://www.scopus.com/pages/publications/105005921848?origin=resultslist	Jain V., Sharda University, Greater Noida, India; Raman M., Asia Pacific University, Malaysia; Agrawal A., Amity University, Guragon, India; Hans M., K.R. Mangalam University, India; Gupta S., K.R. Mangalam University, India	979-836933411-9; 979-836933410-2	Book
39	Jindal, Ruby (55639677100); Tripathi, Archana (57226796296); Mohan, Chandra (57191527445); Garg, Alka (56378487700); Varma, Rajender S. (7201793587)	Lead-free halide double perovskites for sustainable environmental applications	2024	0	0	0	Goal 13	37	10.1016/j.chphi.2024.100770	https://www.scopus.com/pages/publications/105013788018?origin=resultslist	Jindal R., Department of Physics, School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, 122103, India; Tripathi A., Department of Physics, Deshbandhu College (University of Delhi), New Delhi, 110019, India; Mohan C., Department of Chemistry, School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, 122103, India; Garg A., Department of Physics, Gargi College, University of Delhi, New Delhi, 110049, India; Varma R.S., Centre of Excellence for Research in Sustainable Chemistry, Department of Chemistry, Fedral University of Sao Carlos 13565-905, SP, Sao carlos, Brazil		Article
40	Mohan, Chetan (59416480500); Sharma, Kaveri (59416487300)	Climate disasters: Causes, effects and prevention	2024	0	0.59	0	Goal 13	0		https://www.scopus.com/pages/publications/85209599461?origin=resultslist	Mohan C., School of Legal Studies, K. R. Mangalam University, Gurugram, India; Sharma K., School of Law, Manav Rachna University, Faridabad, India	979-889530112-8; 979-889530059-6	Book chapter
41	Chauhan, Kunal (57698269900); Kriti (57202238677); Verma, Akarsh (57210519982)	Biofuel: Generations, Current Status, Sustainability Impact, Feedstock, and Production Technologies	2024	4.97	0.6	0	Goal 13	4	10.1007/978-981-99-9617-9_16	https://www.scopus.com/pages/publications/105002197877?origin=resultslist	Chauhan K., Department of Mechanical and Industrial Engineering, Indian Institute of Technology Roorkee, Roorkee, 247667, India; Kriti, School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Verma A., Department of Mechanical Engineering, University of Petroleum and Energy Studies, Dehradun, 248007, India, Department of Mechanical Science and Bioengineering, Osaka University, Osaka, 560-8531, Japan	978-981999617-9; 978-981999616-2	Book chapter
42	Asthana, Ashok (57234834000); Srivastava, Swati (58700470200)	Energy pattern during unforeseen spells of COVID-19	2024	0	0.77	0	Goal 13	0	10.4018/979-8-3693-1014-4.ch013	https://www.scopus.com/pages/publications/85193677545?origin=resultslist	Asthana A., Sarala Birla University, India; Srivastava S., KR Mangalam University, India	979-836931015-1; 979-836931014-4	Book chapter
43	Gambhir, Jitin (59377461900); Lamba, Jonika (57572739500); Sachan, Shubham (57852525500)	FinTech and Sustainable Finance: Innovations, Challenges, and Future Directions in Emerging Markets	2025	0	0	0	Goal 13	0		https://www.scopus.com/pages/publications/105034707601?origin=resultslist	Gambhir J., School of Management and Commerce, K. R. Mangalam University, Haryana, Gurugram, India; Lamba J., Amity College of Commerce and Finance, Amity University, Uttar Pradesh, Noida, India; Sachan S., School of Management and Commerce, K. R. Mangalam University, Haryana, Gurugram, India	979-890134012-7; 979-889530930-8	Book chapter
44	Dixit, Saurav (57194779967); Prasad, Rajendra (57201355122); Bhandari, Prabhakar (57189488377); Ramesh, Gajula (57209469953)	Circular Economy and Materials Recovery: Addressing Waste Minimization in Remanufacturing	2025	0	0.05	0	Goal 13	0	10.1063/5.0270998	https://www.scopus.com/pages/publications/105003889299?origin=resultslist	Dixit S., Lovely Professional University, Punjab, Phagwara, India; Prasad R., Uttaranchal University, Uttarakhand, Dehradun, India; Bhandari P., K R Mangalam University, Sohna, Haryana, Gurugram, India; Ramesh G., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
45	Sharma, Vishal (55682655583); Nautiyal, Mansi (58853755400); Bhandari, Prabhakar (57189488377); Govardhan, L. (59760114900); Siri, Dharmapuri (58675627800)	Process Planning and Scheduling Optimization for Low Fossil-Carbon Manufacturing	2025	0	0.05	0	Goal 13	0	10.1063/5.0263436	https://www.scopus.com/pages/publications/105003882260?origin=resultslist	Sharma V., Lovely Professional University, Punjab, Phagwara, India; Nautiyal M., Uttaranchal University, Uttarakhand, Dehradun, India; Bhandari P., K R Mangalam University, Sohna, Haryana, Gurugram, India; Govardhan L., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Siri D., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
46	Rani, Manju (59976585200); Vyas, Bhavesh (57191857983); Dahiya, Vineet (57226709153); Acharya, Puja (57226339323)	Carbon Emission Benchmarking in University Campus: Strategic Development Toward Net Zero Transition	2025	0	0.84	0	Goal 13	0	10.14445/23488352/IJCE-V12I6P115	https://www.scopus.com/pages/publications/105009783019?origin=resultslist	Rani M., School of Engineering & Technology, K R Mangalam University, Haryana, Gurgaon, India; Vyas B., Carbon NORMI, NORMI Research Foundation, Haryana, Gurgaon, India; Dahiya V., School of Engineering & Technology, K R Mangalam University, Haryana, Gurgaon, India; Acharya P., School of Computer Science Engineering, IILM University, Haryana, Gurgaon, India		Article

47	Gupta, Gaurav (59467026100); Kumar, Pramod (60434304100); Kumar, Kaushal (36948986200); Seshappa, Angadi (57200292402); Srilatha, Cheekati (58990047400)	A Decade of Innovation in Composite Materials for Sustainability: A Comprehensive Review with Experimental Data	2025	0	0.05	0	Goal 13	0	10.1063/5.0263543	https://www.scopus.com/pages/publications/105003865128?origin=resultslist	Gupta G., Lovely Professional University, Punjab, Phagwara, India; Kumar P., Uttaranchal University, Uttarakhand, Dehradun, India; Kumar K., K R Mangalam University, Sohna, Haryana, Gurugram, India; Seshappa A., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Srilatha C., Department of CSE(DS), Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
48	Rani, Manju (59976585200); Vyas, Bhavesh (57191857983); Dahiya, Vineet (57226709153); Acharya, Puja (57226339323)	AI Driven Modeling of Scope 3 Carbon Emissions for Sustainable University Transportation	2025	0	0	0	Goal 13	1	10.1109/ICoICC64033.2025.11052158	https://www.scopus.com/pages/publications/105012150121?origin=resultslist	Rani M., K R Mangalam University, SOET, Gurgaon, India; Vyas B., NORMI Research Foundation, Gurgaon, India; Dahiya V., K R Mangalam University, SOET, Gurgaon, India; Acharya P., IILM University, CSE Dept., Gurgaon, India	979-833151302-3	Conference paper
49	Kumar, Arun (60159713800); Kumar, Surendra (57211648026); Verma, Vipin Kumar (57215076368); Singh, Sandeep (57214304970); Shukla, Rahul (56016915900); Jain, Appurva (57213161337); Bist, Ankur Singh (56127087200); Vishnoi, Pradeep (57396565000); Kumar, Vineet (7404634379); Bhandari, Prabhakar (57189488377)	Experimental analysis of ethanol-diesel blends stabilised with jatropha methyl ester: Engine performance and emission characteristics	2025	0	0	0	Goal 13	3	10.24425/ather.2025.156593	https://www.scopus.com/pages/publications/105020076124?origin=resultslist	Kumar A., M.L.V. Textile and Engineering College, Rajasthan, Bhilwara, 311001, India; Kumar S., Department of Business Management, H.N.B. Garhwal Central University, Uttarakhand, Srinagar Garhwal, 249161, India; Verma V.K., Department of Mathematics, SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad, Uttar Pradesh, Modinagar, 201204, India; Singh S., O.P. Jindal Global University, Haryana, Sonipat, 131001, India; Shukla R., Mechanical Engineering Department, IET Bundelkhand University, Uttar Pradesh, Jhansi, 284001, India; Jain A., Mechanical Engineering Department, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Bist A.S., Department of Computer Science and Engineering, Graphic Era Hill University, Bhimtal Campus, Uttarakhand, 263136, India; Vishnoi P., Department of Mechanical Engineering, BSM College of Engineering, Uttarakhand, Roorkee, 247666, India; Kumar V., Department of Mechanical Engineering, Graphic Era Deemed to be University, Uttarakhand, Dehradun, 248002, India; Bhandari P., Mechanical Engineering Department, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India		Article
50	Mittal, Vaibhav (58854891400); Ballabh, Jayanti (58670024800); Bhandari, Prabhakar (57189488377); Poornima, Ediga (57190393367)	Bio-Lubricants and Sustainable Materials in Advanced Manufacturing: An Environmental Impact Study	2025	0	0.05	0	Goal 13	0	10.1063/5.0263681	https://www.scopus.com/pages/publications/105003885737?origin=resultslist	Mittal V., Lovely Professional University, Punjab, Phagwara, India; Ballabh J., Uttaranchal University, Uttarakhand, Dehradun, India; Bhandari P., K R Mangalam University, Sohna, Haryana, Gurugram, India; Poornima E., Department of CSE(AI&ML), Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
51	Nijhawan, Ginni (58676333200); Dabral, Upendra (58994191000); Arora, Rishab (57218384388); Souja, Rajireddy (59760035000)	Casting and Welding Techniques for Sustainable Joining Processes in Remanufacturing	2025	0	0.05	0	Goal 13	0	10.1063/5.0271963	https://www.scopus.com/pages/publications/105003874354?origin=resultslist	Nijhawan G., Lovely Professional University, Punjab, Phagwara, India; Dabral U., Uttaranchal University, Uttarakhand, Dehradun, India; Arora R., K R Mangalam University, Sohna, Haryana, Gurugram, India; Souja R., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
52	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Gupta, Anupma (57209589407); Safaraliev, Murodbek (57208887917); Zeinoddini-Meymand, Hamed (57547160000); Kumar, Ramesh (57216257314)	Empowering Rural Farming: Agrovoltaic Applications for Sustainable Agriculture	2025	1.43	2.1	0	Goal 13	18	10.1002/ese3.2017	https://www.scopus.com/pages/publications/85213415280?origin=resultslist	Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, India, Applied Science Research Center, Applied Science Private University, Amman, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, India; Gupta A., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, India; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, Russian Federation; Zeinoddini-Meymand H., Department of Electrical and Computer Engineering, Graduate University of Advanced Technology, Kerman, Iran; Kumar R., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, India, Jadara University Research center, Jadara University, Jordan		Review
53	Singh, Anubhav Pratap (57193881628); Sahedev (58994191300); Chauhan, Anand (57427305800); Aarya, Deo Datta (56766203000); Rajoria, Yogendra Kumar (56405521400)	Fuzzy Economic Order Quantity Models with Carbon Emission Considerations and Planned Discounts	2025	13.91	0.14	0	Goal 13	7	10.1201/9781003596721-59	https://www.scopus.com/pages/publications/85218295798?origin=resultslist	Singh A.P., Department of Mathematics, S.G.R.R. (P.G) College, Dehradun, India; Sahedev, Department of Mathematics, S.G.R.R. (P.G) College, Dehradun, India; Chauhan A., Department of Mathematics, Graphic Era Deemed University, Dehradun, India; Aarya D.D., Department of Mathematics, Acharya Narendra Dev College, University of Delhi, India; Rajoria Y.K., Department of Mathematics, SBAS, K.R. Mangalam University, Gurgaon, India	978-104032742-5; 978-103298029-4	Book chapter

54	Kaur, Hardeep (57422047200); Gupta, Niyati (60041475300); Charak, Kritika (60042317100); Kaur, Sukhman (60041686100); Mohan, Chandra (57191527445); Zaidi, Noushi (55649759700)	Photocatalytic Materials: Properties, Synthesis, Applications, and Sustainability	2025	0	0	0	Goal 13	0	10.1201/9781003516071-6	https://www.scopus.com/pages/publications/105013277439?origin=resultslist	Kaur H., University Institute of Biotechnology, Chandigarh University, Punjab, Mohali, India; Gupta N., University Institute of Biotechnology, Chandigarh University, Punjab, Mohali, India; Charak K., University Institute of Biotechnology, Chandigarh University, Punjab, Mohali, India; Kaur S., University Institute of Biotechnology, Chandigarh University, Punjab, Mohali, India; Mohan C., Department of Chemistry, School of Basic & Applied Sciences, K R Mangalam University, Gurugram, India; Zaidi N., Department of Basic Science, College of Science, King Faisal University, Saudi Arabia	978-104035570-1; 978-103284920-1	Book chapter
55	Garv (58153599200); Verma, Renu (60004212200)	From Trade Gains to Regional Growth: Development Implications of the India–UK FTA (2025).	2025	0	0	0	Goal 13	0	10.53555/jab.v11si1.350	https://www.scopus.com/pages/publications/105015527597?origin=resultslist	Garv, K.R. Mangalam University, Haryana, Gurugram, India; Verma R., School of Liberal Arts, K.R. Mangalam University, Gurugram, India		Article
56	Sharma, Neha (59951856700); Seema (57204815245); Paruthi, Sagar (57910902200); Tipu, Rupesh Kumar (57761722500)	Interpretable GA-PSO-optimised deep learning for multi-objective geopolymer concrete strength prediction	2025	0	0	0	Goal 13	26	10.1007/s42107-025-01450-4	https://www.scopus.com/pages/publications/105011341541?origin=resultslist	Sharma N., Department of Civil Engineering, Chandigarh University, Punjab, Mohali, 140413, India; Seema, Department of Civil Engineering, Chandigarh University, Punjab, Mohali, 140413, India; Paruthi S., School of Architecture & Design, K.R. Mangalam University, Gurugram, Haryana, Sohna, 122103, India; Tipu R.K., Department of Civil Engineering, School of Engineering & Technology, K.R. Mangalam University, Gurugram, Haryana, Sohna, 122103, India		Article
57	Kumar, Manish (59760264000); Prakash, Sunil (58670024900); Arora, Rishab (57218384388); Bobba, Phaneendra Babbu (37032665900)	Challenges of Solar PV and BIPV Systems in India: A Comprehensive Review with Challenges Analysis	2025	0	0.05	0	Goal 13	2	10.1063/5.0271514	https://www.scopus.com/pages/publications/105003872710?origin=resultslist	Kumar M., Lovely Professional University, Punjab, Phagwara, India; Prakash S., Uttaranchal University, Uttarakhand, Dehradun, India; Arora R., K R Mangalam University, Sohna, Haryana, Gurugram, India; Bobba P.B., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
58	Singh, Balpreet (54413115700); Rawat, Babita (57862028900); Bhandari, Prabhakar (57189488377); Haimdavi, Ponguvala (59760022600); Yerraganti, Krishna Bhargavi (60771579900)	Reducing Fossil-Carbon Energy Footprints in Advanced Manufacturing: A Carbon Emission Analysis	2025	0	0.05	0	Goal 13	0	10.1063/5.0263508	https://www.scopus.com/pages/publications/105003872913?origin=resultslist	Singh B., Lovely Professional University, Punjab, Phagwara, India; Rawat B., Uttaranchal University, Uttarakhand, Dehradun, India; Bhandari P., K R Mangalam University, Sohna, Haryana, Gurugram, India; Haimdavi P., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Yerraganti K.B., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
59	Dixit, Saurav (57194779967); Singh, M.P. (58266835900); Arora, Rishab (57218384388); Rao, Davu Srinivasa (57195062625)	Sustainability Assessment in Manufacturing: A Life Cycle Analysis Perspective	2025	0	0.05	0	Goal 13	0	10.1063/5.0263541	https://www.scopus.com/pages/publications/105003886049?origin=resultslist	Dixit S., Lovely Professional University, Punjab, Phagwara, India; Singh M.P., Uttaranchal University, Uttarakhand, Dehradun, India; Arora R., K R Mangalam University, Sohna, Haryana, Gurugram, India; Rao D.S., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
60	Rawat, Mahavir Singh (57933224200); Kaloni, Smita (57195836400); Tipu, Rupesh Kumar (57761722500); Bhandari, Prabhakar (57189488377)	Sustainability and economic evaluation of recycled aggregate geopolymer concrete using fly ash and slag	2025	0	0	0	Goal 13	6	10.1007/s10163-025-02373-7	https://www.scopus.com/pages/publications/105013807135?origin=resultslist	Rawat M.S., Department of Civil Engineering, National Institute of Technology, Uttarakhand, 246174, India; Kaloni S., Department of Civil Engineering, National Institute of Technology, Uttarakhand, 246174, India; Tipu R.K., Department of Civil Engineering, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India		Article
61	Vatin, Nikolai Ivanovich (6508103761); Prakash, Sunil (58670024900); Bhandari, Prabhakar (57189488377); Sadda, Bharath Reddy (59760198400); Natarajan, Arun Vignesh (59467194700)	Optimizing Process Technologies for Scrap Transformation in Remanufacturing: A Green Approach	2025	0	0.05	0	Goal 13	0	10.1063/5.0262868	https://www.scopus.com/pages/publications/105003882207?origin=resultslist	Vatin N.I., Lovely Professional University, Punjab, Phagwara, India; Prakash S., Uttaranchal University, Uttarakhand, Dehradun, India; Bhandari P., K R Mangalam University, Sohna, Haryana, Gurugram, India; Sadda B.R., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Natarajan A.V., Department of ECE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
62	Kakkar, Rashmi (59459404100); Kaur, Dilraj Preet (26640492900); Raj, Seema (58631630800)	Membrane Distillation for Sustainable Water Desalination: A Review of Principles, Materials, and Applications	2025	5	1	0	Goal 13	19	10.1007/s11270-024-07622-3	https://www.scopus.com/pages/publications/85211130653?origin=resultslist	Kakkar R., School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, 122103, India, Department of Physics, Govt. College for Girls, Sector-14, Gurugram, 122001, India; Kaur D.P., School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, 122103, India; Raj S., School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, 122103, India		Article
63	Rashid, Saba (57639986700); Yadav, Baljeet (60174380800); Sankhla, Mahipal Singh (57219964786); Singla, Anu (57197307421); Prakash, Shakti (60111846000); Ahi, Shobha (6508341042)	Tracing Environmental Changes Over Time	2025	0	0	0	Goal 13	0	10.1007/978-981-95-0199-1_4	https://www.scopus.com/pages/publications/105024042390?origin=resultslist	Rashid S., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Yadav B., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Sankhla M.S., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Singla A., APJ Abdul Kalam Institute of Forensic Science and Criminology, Bundelkhand University, Uttar Pradesh, Jhansi, India; Prakash S., School of Behavioural Sciences and Forensic Investigation, Rashtriya Raksha University, Gujarat, Gandhinagar, India; Ahi S., Kings College London, London, United Kingdom	978-981950199-1; 978-981950198-4	Book chapter

64	Poonia, Surendra (6603014116); Santra, Priyabrata (24478049400); Singh, A.K. (60759882700); Singh, Digvijay (57225948379); Kumar, Mahesh (57193230081)	Energy Efficiency and Economic Survivance Appraisal of a 375 kWp Rooftop Solar PV System Under Hot and Dry Indian Climate	2025	0	0.93	0	Goal 13	4	10.1002/htj.23228	https://www.scopus.com/pages/publications/85208571805?origin=resultslist	Poonia S., ICAR-Central Arid Zone Research Institute, Rajasthan, Jodhpur, India; Santra P., ICAR-Central Arid Zone Research Institute, Rajasthan, Jodhpur, India; Singh A.K., ICAR-Central Arid Zone Research Institute, Rajasthan, Jodhpur, India; Singh D., School of Engineering and Technology, K R Mangalam University, Haryana, Gurugram, India; Kumar M., Department of Mechanical Engineering, Guru Jambheshwar University of Science & Technology, Haryana, Hisar, India		Article
65	Rani, Manju (59976585200); Acharya, Puja (57226339323); Vyas, Bhavesh (57191857983)	Assessing per capita carbon footprint in university campus: methodology and strategy implications for emissions reduction	2025	0	0	0	Goal 13	1	10.1007/s12046-025-02885-w	https://www.scopus.com/pages/publications/105015406756?origin=resultslist	Rani M., School of Engineering and Technology, K R Mangalam University, Haryana, Gurgaon, 122103, India; Acharya P., School of Engineering and Technology, K R Mangalam University, Haryana, Gurgaon, 122103, India; Vyas B., Carbon NORMI, NORMI Research Foundation, Haryana, Gurgaon, 122011, India		Article
66	Paruthi, Sagar (57910902200); Raghav, Yogita Yashveer (57216704175); Kumari, Parveen (58919790600); Kumar Tipu, Rupesh (57761722500); Sharma, Neha (59951856700)	AI based predictive modelling for compressive strength of metakaolin-based geopolymer concrete incorporated with Nano Titanium	2025	3.7	1.08	0	Goal 13	34	10.1080/24705314.2025.2503027	https://www.scopus.com/pages/publications/105006902957?origin=resultslist	Paruthi S., School of Architecture & Design, K. R. Mangalam University, Gurugram, India; Raghav Y.Y., Department of Computer Science & Engineering, Centre of Excellence -Cloud Computing, School of Engineering and Technology, K. R. Mangalam University, Gurugram, India; Kumari P., Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurugram, India; Kumar Tipu R., Department of Civil Engineering, School of Engineering & Technology, K. R. Mangalam University, Gurugram, India; Sharma N., Department of Civil Engineering, DPG Institute of Technology and Management, Gurugram, India		Article
67	Gupta, Soumi Das (60333450600); Yadav, Anuradha (59984397300); Sharma, Vijay Prakash (57223690406); Gupta, Vijay Prakash (57199940779)	Impact of Pricing and Quality on Purchasing Decisions for Sustainable Products in Tourism: A Consumer Perspective	2025	0	0	0	Goal 13	0	10.1108/978-1-80592-425-820251005	https://www.scopus.com/pages/publications/105027482470?origin=resultslist	Gupta S.D., IILM University, Gurugram, India; Yadav A., DPG Degree College, Gurugram, India; Sharma V.P., KR Mangalam University, Gurugram, India; Gupta V.P., Institute of Business Management, GLA University, Mathura, India	978-180592425-8; 978-180592426-5	Book chapter
68	Bhakhar, Ruchika (59275506200); Goyal, Archna (59250555200); Singh, Rashi (57562843600)	Harnessing AI for predictive ecosystem management: Transforming conservation through data-driven insights	2025	0	0.15	0	Goal 13	6	10.4018/979-8-3693-6935-7.ch006	https://www.scopus.com/pages/publications/86000070304?origin=resultslist	Bhakhar R., K.R. Mangalam University, India; Goyal A., K.R. Mangalam University, India; Singh R., Maharshi Dayanand University, India	979-836936937-1; 979-836936935-7	Book chapter
69	Kundu, Shakti (54420380700); Ninoria, Shalini Zanzote (57216588097); Chaturvedi, Ravi Prakash (57208126664); Mishra, Annu (57267170400); Agrawal, Akshat (57213441821); Batra, Reenu (57422585400); Dubale, Mitiku (57684170000); Hashmi, Arshad (57222735849)	Real-time deforestation anomaly detection using YOLO and LangChain agents for sustainable environmental monitoring	2025	0	0	0	Goal 13	6	10.1038/s41598-025-23617-4	https://www.scopus.com/pages/publications/105021839264?origin=resultslist	Kundu S., Department of Computer Science and Engineering, NIIT University, Rajasthan, Neemrana, 301705, India; Ninoria S.Z., College of Computing Sciences & IT, Teerthanker Mahaveer University, UP, Moradabad, India; Chaturvedi R.P., Department of Computer Science and Applications, Sharda University Greater Noida, Uttar Pradesh, Greater Noida, India; Mishra A., Department of computer science and engineering, Sharda University Greater Noida, Uttar Pradesh, Greater Noida, India; Agrawal A., Department of Computer Science and Engineering, IILM University, Haryana, Gurugram, India; Batra R., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurugram, India; Dubale M., Department of Public Health, College of Natural and Computational Sciences, Gambella University, Gambella, Ethiopia; Hashmi A., Department of Information Systems, Faculty of Computing and Information Technology in Rabigh (FCITR), King Abdulaziz University, Jeddah, 21911, Saudi Arabia		Article
70	Anshu (60687111500); Balodi, Pooja (60507805500); Yadav, Sanjay (59505480900); Sushma, K. (60110330900); Kumar, Ajay (57221973593); Amulya, D. (59511098500)	Artificial Intelligence Driven Fusion of Multi-Source Renewable Energy Systems for Building Carbon-Neutral and Environmentally Friendly Smart City Infrastructures	2025	0	0	0	Goal 13	0	10.1109/RCSM67767.2025.11507662	https://www.scopus.com/pages/publications/105041519865?origin=resultslist	Anshu, K R Mangalam University, School of Engineering and Technology, Gurugram, India; Balodi P., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Yadav S., IES College of Technology, Department of Computer Science & Engineering, Madhya Pradesh, Bhopal, 462044, India; Sushma K., CMR Engineering College, Hyderabad, India; Kumar A., Gyan Ganga Institute of Technology and Sciences, Jabalpur, India; Amulya D., MLR Institute of Technology, Department of Data Science, Telangana, Hyderabad, India	979-833159126-7	Conference paper
71	Aswathy, T.M. (60148180300); Gautam, Archana (58763075800); Sankhla, Mahipal Singh (57219964786); Sharma, Tina (57192404316); Mishra, Vaibhav (59665033800)	Green Approach: Exhibiting the Potential of Phytoremediation and Phycoremediation Techniques for Eradicating Dye Effluents from Contaminated Environment	2025	0	0	0	Goal 13	0	10.1007/978-3-031-93444-5_96	https://www.scopus.com/pages/publications/105019173966?origin=resultslist	Aswathy T.M., Department of Forensic Science, (UIAHS), Chandigarh University, Punjab, Mohali, India; Gautam A., Department of Forensic Science, SOS, ITM University, Madhya Pradesh, Gwalior, India; Sankhla M.S., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Sharma T., Department of Forensic Science, Bahra University Shimla Hills, Himachal Pradesh, India; Mishra V., Department of Forensic Science, (UIAHS), Chandigarh University, Punjab, Mohali, India		Book chapter