Research Data 2021-2025													
Goal 7 | Total Publications: 196													
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	Ram, Shri (57881140700); Ganesan, H. (55744004300); Saini, Vishnu (57193790676); Kumar, Abhinav (58951802600)	Performance assessment of a parabolic trough solar collector using nanofluid and water based on direct absorption	2023	2.15	14.86	18.4	Goal 7	46	10.1016/j.renene.2023.06.016	https://www.scopus.com/pages/publications/85161314663?origin=resultslist	Ram S., Department of Mechanical Engineering, K.R Mangalam University, Haryana, 121001, India; Ganesan H., Department of Mechanical Engineering, Sri Ranganathar Institute of Engineering and Technology, Tamil Nadu, 641110, India, Advanced Research and Development Centre, LIPS Research Foundation, European International University, Paris, 75018, France; Saini V., Advanced Research and Development Centre, LIPS Research Foundation, European International University, Paris, 75018, France, Department of Mechanical Engineering, Lovely Professional University, Punjab, 144011, India; Kumar A., Department of Nuclear and Renewable Energy, Ural Federal University Named after the First President of Russia Boris Yeltsin, Ekaterinburg, 620002, Russian Federation		Article
2	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Safaraliev, Murodbek (57208887917); Nijhawan, Parag (55193149500); Oberoi, Amandeep Singh (56478918100)	Hydrogen storage in activated carbon for fuel cell-powered vehicles: A cost-effective and sustainable approach	2024	1.03	5.84	13.3	Goal 7	13	10.1016/j.ijhydene.2024.01.117	https://www.scopus.com/pages/publications/85183769006?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, 140401, India; Gupta J., Department of Computer Science Engineering, K.R. Mangalam University, Sohna Rural, Sohna, Haryana, Gurugram, 122103, India; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Nijhawan P., Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering and Technology, Punjab, Patiala, 147001, India; Oberoi A.S., Mechanical Engineering Department, Thapar Institute of Engineering and Technology, Punjab, Patiala, 147004, India		Article
3	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Safaraliev, Murodbek (57208887917); Nijhawan, Parag (55193149500); Oberoi, Amandeep Singh (56478918100); Menaem, Amir Abdel (57209201729)	Characterization of an activated carbon electrode made from coconut shell precursor for hydrogen storage applications	2024	6.87	1.02	13.3	Goal 7	29	10.1016/j.ijhydene.2024.02.341	https://www.scopus.com/pages/publications/85187329809?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, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K.R Mangalam University, Haryana Sohna Rural, Sohna, K.R. Mangalam University Sohna Road, Haryana, Gurugram, 122103, India; Safaraliev M., Department of Automated Electrical Systems, Ural Power Engineering Institute, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Nijhawan P., Electrical and Instrumentation Engineering Department, Thapar Institue of Engineering and Technology Patiala, Bhadson Rd, Adarsh Nagar, Prem Nagar, Punjab, Patiala, 147004, India; Oberoi A.S., Mechanical Engineering Department, Thapar Institue of Engineering and Technology Patiala, Bhadson Rd, Adarsh Nagar, Prem Nagar, Punjab, Patiala, 147004, India; Menaem A.A., Department of Automated Electrical Systems, Ural Power Engineering Institute, Ural Federal University, Yekaterinburg, 620002, Russian Federation, Electrical Engineering Department, Mansoura University, Dakahlia Governorate, El Gomhouria St, Mansoura, 35516, Egypt		Editorial
4	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 7	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
5	Gupta, Jyoti (57208304758); Beryozkina, Svetlana (55368375900); Aljaidi, Mohammad (57203092682); Singla, Manish Kumar (57208304510); Safaraliev, Murodbek (57208887917); Gupta, Anupma (57209589407); Nijhawan, Parag (55193149500)	Application of hybrid chaotic particle swarm optimization and slime mould algorithm to optimally estimate the parameter of fuel cell and solar PV system	2024	1.71	5.84	13.3	Goal 7	26	10.1016/j.ijhydene.2024.08.048	https://www.scopus.com/pages/publications/85201122540?origin=resultslist	Gupta J., School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram, 122103, Haryana, India; Beryozkina S., College of Engineering and Technology, American University of the Middle East, Egaila, 54200, Kuwait; Aljaidi M., Department of Computer Science, Faculty of Information Technology Zarqa University, Zarqa, 13110, Jordan; Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India, Jadara University Research Center, Jadara University, Jordan; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Gupta A., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India; Nijhawan P., Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering and Technology, Patiala, India		Article

6	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 7	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
7	Singla, Manish Kumar (57208304510); Safaraliev, Murodbek (57208887917); Gupta, Jyoti (57208304758); Aljaidi, Mohammad (57203092682); Odinaev, Ismoil (57209747498); Kumar, Ramesh (57216257314); Abdel Menaem, Amir (57209201729)	Optimizing proton exchange membrane fuel cell parameter identification using enhanced hummingbird algorithm	2024	0.86	5.84	13.3	Goal 7	15	10.1016/j.ijhydene.2024.09.211	https://www.scopus.com/pages/publications/85204906637?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Institute of Engineering & Technology, Chitkara University, Punjab, India, Applied Science Research Center, Applied SciencePrivate University, Amman, Jordan; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Aljaidi M., Department of Computer Science, Zarqa University, Zarqa, 13110, Jordan; Odinaev I., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Kumar R., Department of Interdisciplinary Courses in Engineering, Institute of Engineering & Technology, Chitkara University, Punjab, India, Jadara University Research Center, Jadara University, Jordan; Abdel Menaem A., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation, Electrical Engineering Department, Mansoura University, Mansoura, 35516, Egypt		Article
8	Alsharif, Mohammed H. (55968967000); Kelechi, Anabi Hilary (54386560100); Jahid, Abu (36988077400); Kannadasan, Raju (57203575022); Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Geem, Zong Woo (6506685277)	A comprehensive survey of energy-efficient computing to enable sustainable massive IoT networks	2024	3.33	12.02	12.9	Goal 7	90	10.1016/j.aej.2024.01.067	https://www.scopus.com/pages/publications/85184481408?origin=resultslist	Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, 209 Neungdong-ro, Gwangjin-gu, Seoul, 05006, South Korea; Kelechi A.H., Department of Computer Science, Missouri University of Science and Technology, Rolla, 65409, MO, United States; Jahid A., School of Electrical Engineering and Computer Science, University of Ottawa, 25 Templeton St, Ottawa, K1N 6N5, ON, Canada; Kannadasan R., Department of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering, Sriperumbudur, 602117, India; Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Rajpura, 140401, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Gurugram, 122505, India; Geem Z.W., College of IT Convergence, Gachon University, Seongnam, 13120, South Korea		Review
9	Biswakarma, Keshab (58180487300); Sarmah, Pranjal (57209039023); Paramasivam, Prabhu (57283686300); Dhanasekaran, Seshathiri (57205679715); Kumar Yadav, Surendra (57218368941); Kumar, Virendra (57197697420)	Experimental probe into an automative engine run on waste cooking oil biodiesel blend at varying engine speeds	2023	1.22	9.81	12.8	Goal 7	19	10.1016/j.fuel.2023.128364	https://www.scopus.com/pages/publications/85152253918?origin=resultslist	Biswakarma K., Department of Mechanical Engineering, Dibrugarh University Institute of Engineering and Technology, Dibrugarh, 786004, India; Sarmah P., Department of Mechanical Engineering, Dibrugarh University Institute of Engineering and Technology, Dibrugarh, 786004, India; Paramasivam P., Department of Mechanical Engineering, Mattu University, Mettu, Ethiopia; Dhanasekaran S., Department of Computer Science, UiT the Arctic University of Norway, Tromso, Norway; Kumar Yadav S., Department of Mechanical Engineering, K. R Mangalam University, Gurugram, 122001, India; Kumar V., Department of Mechanical Engineering, Harcourt Butler Technical University, Kanpur, 208002, India		Article
10	Negi, Akashdeep (57422508700); Ranakoti, Lalit (57209850819); Bhandari, Prabhakar (57189488377); Khargotra, Rohit (57200605241); Singh, Tej (57970285600)	Thermo-physical characteristics and storage material compatibility in nano-enhanced phase change materials for solar distillation applications: A critical assessment	2024	1.5	15.33	12.4	Goal 7	36	10.1016/j.solmat.2024.112870	https://www.scopus.com/pages/publications/85190749741?origin=resultslist	Negi A., Department of Mechanical Engineering, Graphic Era (Deemed to Be University) Dehradun, Uttarakhand, 248002, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era (Deemed to Be University) Dehradun, Uttarakhand, 248002, India; Bhandari P., Department of Mechanical Engineering, School of Engineering & Technology, K.R. Mangalam University, Gurgaon, 122103, India; Khargotra R., Institute of Materials Engineering, Faculty of Engineering, University of Pannonia, Veszprem, 8200, Hungary, Sustainability Solutions Research Lab, University of Pannonia, Egyetem U. 10., Veszprém, 8200, Hungary; Singh T., Savaria Institute of Technology, Faculty of Informatics, Eötvös Loránd University, Budapest, 1117, Hungary		Review
11	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 7	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

12	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Kumar, Ramesh (57216257314); Safaraliev, Murodbek (57208887917); Alsharif, Mohammed H. (55968967000); Aly, Ayman A. (8560811500); Kim, Mun-Kyeom (36679155300)	A multi-model evaluation of Enhanced Tunicate Swarm Optimization for parameter identification	2024	0.59	6.79	11.7	Goal 7	9	10.1016/j.egyr.2024.08.015	https://www.scopus.com/pages/publications/85201108431?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India, Jadara University Research Center, Jadara University, Jordan; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Kumar R., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, 209 Neungdong-ro, Gwangjin-gu, Seoul, 05006, South Korea; Aly A.A., Department of Mechanical Engineering, College of Engineering, Taif University, Taif, 21944, Saudi Arabia; Kim M. K., School of Energy System Engineering, Chung-Ang University, 84 Heukseok-ro, Dongjak-gu, Seoul, 06974, South Korea		Article
13	Negi, Akashdeep (57422508700); Verma, Rajesh P. (57069494100); Saxena, Abhishek (36648027700); Ranakoti, Lalit (57209850819); Bhandari, Prabhakar (57189488377); Singh, Tej (57970285600); Tiwari, Girija N. (58676227100)	Design and performance of black painted Khes wick modified solar still: An experimental and 5E analysis	2023	2.42	8.26	10.1	Goal 7	36	10.1016/j.ijft.2023.100491	https://www.scopus.com/pages/publications/85175451266?origin=resultslist	Negi A., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India; Verma R.P., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India; Saxena A., Mechanical Engineering Department, School of Engineering, Dev Bhoomi Uttarakhand University, Dehradun, 248002, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India; Bhandari P., Department of Mechanical Engineering, School of Engineering & Technology, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Singh T., Savaria Institute of Technology, Faculty of Informatics, ELTE Eötvös Loránd University, Szombathely, 9700, Hungary; Tiwari G.N., KIT (Polytechnic), Uttar Pradesh, Moradabad, India		Article
14	Kumar Singla, Manish (57208304510); Gupta, Jyoti (57208304758); Safaraliev, Murodbek (57208887917); Zeinoddini-Meymand, Hamed (57547160000); Ghanizadeh, Ahmad Javid (59223850600)	Mathematical Modeling for Solar Cell Optimization: Evaluating Sustainability with Different Diode Configurations	2024	0.44	4.52	9	Goal 7	7	10.1109/ACCESS.2024.3424416	https://www.scopus.com/pages/publications/85198900351?origin=resultslist	Kumar Singla M., Chitkara University Institute of Engineering and Technology, Chitkara University, Department of Interdisciplinary Courses in Engineering, Punjab, Chandigarh, 140401, India, Applied Science Private University, Applied Science Research Center, Amman, 11931, Jordan; Gupta J., K. R. Mangalam University, School of Engineering and Technology, Haryana, Gurugram, 122103, India; Safaraliev M., Ural Federal University, Department of Automated Electrical Systems, Yekaterinburg, 620002, Russian Federation; Zeinoddini-Meymand H., Graduate University of Advanced Technology, Department of Electrical and Computer Engineering, Kerman, 7631133131, Iran; Ghanizadeh A.J., Danial Javid Electrical Engineering (DJEE) Company, Kabul, 3001, Afghanistan		Article
15	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Alsharif, Mohammed H. (55968967000); Kim, Mun-Kyeom (36679155300); Aljaidi, Mohammad (57203092682); Safaraliev, Murodbek (57208887917)	A robust multi-objective optimization algorithm for accurate parameter estimation for solar cell models	2024	2.24	2.68	8.1	Goal 7	12	10.1007/s00500-024-09888-5	https://www.scopus.com/pages/publications/85198990268?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Gurgaon, Haryana, 122003, India; Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, 209 Neungdong-Ro, Gwangjin-Gu, Seoul, 05006, South Korea; Kim M.-K., School of Energy System Engineering, Chung-Ang University, 84 Heukseok-Ro, Dongjak-Gu, Seoul, 06974, South Korea; Aljaidi M., Department of Computer Science, Zarqa University, Zarqa, 13110, Jordan; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation		Article
16	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Alsharif, Mohammed H. (55968967000); Jahid, Abu (36988077400); Yahya, Khalid (57202966631)	Sustainable Development of a Direct Methanol Fuel Cell Using the Enhanced LSHADE Algorithm and Newton Raphson Method	2024	0.47	4.22	7.7	Goal 7	3	10.3390/su16010062	https://www.scopus.com/pages/publications/85181927229?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, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, 209 Neungdong-ro, Gwangjin-gu, Seoul, 05006, South Korea; Jahid A., School of Electrical Engineering and Computer Science, University of Ottawa, 25 Templeton St., Ottawa, K1N 6N5, ON, Canada; Yahya K., Department of Electrical and Electronics Engineering, Faculty of Engineering and Architecture, Istanbul Gelisim University, Istanbul, 34310, Turkey		Article

17	Krishna, Prashanth Gopala (57195063763); Chandra Mishra, Prabhu (57893741900); Naika, Mutthuraju Mahadev (57893742000); Gadewar, Manoj (57200719145); Ananthaswamy, Prashanth Paduvarahalli (57892768900); Rao, Srilatha (58527649100); Boselin Prabhu, Sivadhas Rosejanet (56623181900); Yatish, Kalanakoppal Venkatesh (57189687648); Nagendra, Holenarasipura Gundurao (59831414900); Moustafa, Mahmoud (54796802800); Al-Shehri, Mohammed (57226304765); Jha, Saurabh Kumar (56425051500); Lal, Bharat (57452563100); Stephen Santhakumari, Sreeja Mole (57893010700)	Photocatalytic Activity Induced by Metal Nanoparticles Synthesized by Sustainable Approaches: A Comprehensive Review	2022	0.73	50.86	7.3	Goal 7	59	10.3389/fchem.2022.917831	https://www.scopus.com/pages/publications/85138191219?origin=resultslist	Krishna P.G., Department of Chemistry, Sir M. Visvesvaraya Institute of Technology, Affiliated to Visvesvaraya Technological University, Bengaluru, India; Chandra Mishra P., Department of Biotechnology, School of Engineering & Technology, Sharda University, Greater Noida, India; Naika M.M., Department of Chemistry, Sai Vidya Institute of Technology, Affiliated to Visvesvaraya Technological University, Bengaluru, India; Gadewar M., Department of Pharmacology, School of Medical and Allied Sciences, KR Mangalam University, Gurgaon, India; Ananthaswamy P.P., Department of Chemistry, PES College of Engineering, Affiliated to Visvesvaraya Technological University, Mandya, India; Rao S., Department of Chemistry, Nitte Meenakshi Institute of Technology, Affiliated to Visvesvaraya Technological University, Bengaluru, India; Boselin Prabhu S.R., Department of ECE, Surya Engineering College, Mettukadai, India; Yatish K.V., Centre for Nano and Material Sciences, Jain University, Bengaluru, India; Nagendra H.G., Department of Bio Technology, Sir M. Visvesvaraya Institute of Technology, Affiliated to Visvesvaraya Technological University, Bengaluru, India; Moustafa M., Department of Biology, Faculty of Science, King Khalid University, Abha, Saudi Arabia, Department of Botany and Microbiology, Faculty of Science, South Valley University, Qena, Egypt; Al-Shehri M., Department of Biology, Faculty of Science, King Khalid University, Abha, Saudi Arabia; Jha S.K., Department of Biotechnology, School of Engineering & Technology, Sharda University, Greater Noida, India, Department of Biotechnology, School of Applied and Life Sciences (SALS), Uttaranchal University, Dehradun, India, Department of Biotechnology Engineering and Food Technology, Chandigarh University, Mohali, India; Lal B., Department of Pharmaceutics, School of Medical and Allied Sciences, KR Mangalam University, Gurgaon, India; Stephen Santhakumari S.M., Department of ECE, Christu Jyothi Institute of Technology and Science, Janagon, India		Review
18	Sharma, Subhash (56461717700); Rojas-George, Gabriel (12766512200); Kumar, Manish (57515570500); Kumar, Pawan (57191835446); Kumar, Rajesh (57226500024); Kumar, Santosh (57301760400); Siqueiros, Jesús M. (55993666600); Herrera, Oscar Raymond (57126446700)	Impact of Cr Doping on the Structural, Optical, and Magnetic Properties of Sol-Gel-Synthesized Bi0.80Ba0.10Pr0.10FeO3 Nanopowders	2024	0.7	5.7	7.1	Goal 7	6	10.1021/acsomega.4c03032	https://www.scopus.com/pages/publications/85196020044?origin=resultslist	Sharma S., CONAHCyT-Centro de Nanociencias y Nanotecnología, Universidad Nacional Autónoma de México, Km 107 Carretera Tijuana-Ensenada, AP 14, Baja California, Ensenada, 22860, Mexico, Centro de Nanociencias y Nanotecnología, Universidad Nacional Autónoma de México, Km 107 Carretera Tijuana-Ensenada, AP 14, Baja California, Ensenada, 22860, Mexico; Rojas-George G., CONAHCyT–Centro de Investigación en Materiales Avanzados, S.C., Miguel de Cervantes 120, Complejo Industrial Chihuahua, Chihuahua, Chihuahua, 31136, Mexico; Kumar M., Experimental Research Laboratory, Department of Physics, ARSD College, University of Delhi, New Delhi, 110021, India; Kumar P., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Kumar R., Department of Chemistry, Himachal Pradesh University, Summer Hill, Shimla-5, Shimla, 171005, India; Kumar S., Department of Chemistry, Himachal Pradesh University, Summer Hill, Shimla-5, Shimla, 171005, India; Siqueiros J.M., Centro de Nanociencias y Nanotecnología, Universidad Nacional Autónoma de México, Km 107 Carretera Tijuana-Ensenada, AP 14, Baja California, Ensenada, 22860, Mexico; Herrera O.R., Centro de Nanociencias y Nanotecnología, Universidad Nacional Autónoma de México, Km 107 Carretera Tijuana-Ensenada, AP 14, Baja California, Ensenada, 22860, Mexico		Article
19	Sarmah, Pranjal (57209039023); Das, Dipankar (57072401400); Saikia, Madhurjya (57207991909); Kumar, Virendra (57197697420); Yadav, Surendra Kumar (57218368941); Paramasivam, Prabhu (57283686300); Dhanasekaran, Seshathiri (57205679715)	Comprehensive Analysis of Solar Panel Performance and Correlations with Meteorological Parameters	2023	1.44	11.13	6.6	Goal 7	33	10.1021/acsomega.3c06442	https://www.scopus.com/pages/publications/85180072064?origin=resultslist	Sarmah P., Department of Mechanical Engineering, Dibrugarh University, Dibrugarh, 786004, India; Das D., Department of Mechanical Engineering, Dibrugarh University, Dibrugarh, 786004, India; Saikia M., Department of Mechanical Engineering, Dibrugarh University, Dibrugarh, 786004, India; Kumar V., Department of Mechanical Engineering, Harcourt Butler Technical University, Kanpur, 208002, India; Yadav S.K., Department of Mechanical Engineering, K. R. Mangalam University, Gurugram, 122103, India; Paramasivam P., Department of Mechanical Engineering, College of Engineering and Technology, Mattu University, Mettu, 318, Ethiopia; Dhanasekaran S., Department of Computer Science, UiT The Arctic University of Norway, Tromso, 9037, Norway		Article
20	Celtek, Seyit Alperen (57170848000); Kul, Seda (57511475700); Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Safaraliev, Murodbek (57208887917); Zeinoddini-Meymand, Hamed (57547160000)	Grey wolf-based heuristic methods for accurate parameter extraction to optimize the performance of PV modules	2024	0.13	7.79	6.5	Goal 7	8	10.1049/rpg2.13061	https://www.scopus.com/pages/publications/85199393551?origin=resultslist	Celtek S.A., Department of Energy Systems Engineering, Engineering Faculty, Karamanoglu Mehmetbey University, Karaman, Turkey; Kul S., Department of Electric and Electronic Engineering, Engineering Faculty, Karamanoglu Mehmetbey University, Karaman, Turkey; Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, 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; 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		Article
21	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 7	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

22	Singh, Ramkishore (55613230563); Buddhi, Dharam (56594817400); Vatin, Nikolai Ivanovich (6508103761); Prakash, Chander (56720902200); Dixit, Saurav (57194779967); Khera, Gurbir Singh (57727239100); Solovev, Sergei A. (24476721700); Ilyashenko, Svetlana B. (57202766715); John, Vinod (57751812200)	Life Cycle Saving Analysis of an Earth-Coupled Building without and with Roof Evaporative Cooling for Energy Efficient Potato Storage Application	2022	0.52	13.36	5.5	Goal 7	9	10.3390/en15114076	https://www.scopus.com/pages/publications/85132307256?origin=resultslist	Singh R., School of Chemical Engineering and Physical Sciences, Lovely Professional University, Punjab, 144411, India; Buddhi D., Uttaranchal Institute of Technology, Uttaranchal University, Uttarakhand, 248007, India; Vatin N.I., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Prakash C., School of Mechanical Engineering, Lovely Professional University, Punjab, 144411, India; Dixit S., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, School of Management and Commerece, K.R. Mangalam University, Gurugram, 122103, India; Khera G.S., School of Management and Commerece, K.R. Mangalam University, Gurugram, 122103, India; Solovev S.A., Institute of Digital Technologies and Economics, Kazan State Power Engineering University, Kazan, 420066, Russian Federation; Ilyashenko S.B., Basic Department of Trade Policy, Plekhanov Russian University of Economics, Moscow, 117997, Russian Federation; John V., Amity University, Noida, 201301, India		Article
23	Uniyal, Arun (57739732700); Prajapati, Yogesh K. (56382418600); Ranakoti, Lalit (57209850819); Bhandari, Prabhakar (57189488377); Singh, Tej (57970285600); Gangil, Brijesh (55233654000); Sharma, Shubham (57211422917); Upadhyay, Viyat Varun (57209023230); Eldin, Sayed M. (60731784500)	Recent Advancements in Evacuated Tube Solar Water Heaters: A Critical Review of the Integration of Phase Change Materials and Nanofluids with ETCs	2022	0.69	42.07	5.5	Goal 7	45	10.3390/en15238999	https://www.scopus.com/pages/publications/85143841425?origin=resultslist	Uniyal A., Department of Mechanical Engineering, National Institute of Technology Uttarakhand, Uttarakhand, Srinagar, 246174, India; Prajapati Y.K., Department of Mechanical Engineering, National Institute of Technology Uttarakhand, Uttarakhand, Srinagar, 246174, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to be University, Uttarakhand, Dehradun, 248002, India; Bhandari P., Mechanical Engineering Department, SOET, K. R. Mangalam University, Hariyana, Gurgaon, 122103, India; Singh T., Savaria Institute of Technology, Eötvös Loránd University, Szombathely, 9700, Hungary; Gangil B., Mechanical Engineering Department, SOET, HNB Garhwal University, Uttarakhand, Srinagar, 246174, India; Sharma S., Mechanical Engineering Department, University Center for Research Development, Chandigarh University, Punjab, Mohali, 140413, India, School of Mechanical and Automotive Engineering, Qingdao University of Technology, Qingdao, 266520, China; Upadhyay V.V., Department of Mechanical Engineering, GLA University, Uttar Pradesh, Bharthia, 281406, India; Eldin S.M., Center of Research, Faculty of Engineering, Future University in Egypt, New Cairo, 11835, Egypt		Review
24	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Alsharif, Mohammed H. (55968967000); Kim, Mun-Kyeom (36679155300)	A modified particle swarm optimization rat search algorithm and its engineering application	2024	1.33	4.51	5.4	Goal 7	13	10.1371/journal.pone.0296800	https://www.scopus.com/pages/publications/85188944441?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, India, Applied Science Research Center, Applied Science Private University, Amman, Jordan; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, India; Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, Seoul, South Korea; Kim M.-K., School of Energy System Engineering, Chung-Ang University, Dongjak-gu, Seoul, South Korea		Article
25	Vijarania, Meenu (57218434240); Gupta, Swati (59104024700); Agrawal, Akshat (57213441821); Adigun, Matthew O. (9248875600); Ajagbe, Sunday Adeola (57337027700); Awotunde, Joseph Bamidele (57211158827)	Energy Efficient Load-Balancing Mechanism in Integrated IoT–Fog–Cloud Environment	2023	3.52	9.94	5.3	Goal 7	56	10.3390/electronics12112543	https://www.scopus.com/pages/publications/85161868123?origin=resultslist	Vijarania M., Centre of Excellence, Department of Computer Science & Engineering, School of Engineering and Technology, K R Mangalam University, Gurugram, 122103, India; Gupta S., Centre of Excellence, Department of Computer Science & Engineering, School of Engineering and Technology, K R Mangalam University, Gurugram, 122103, India; Agrawal A., Department of Computer Science & Engineering, Amity School of Engineering & Technology, Amity University Haryana, Gurugram, 122412, India; Adigun M.O., Department of Computer Science, University of Zululand, Kwadlangezwa, 3886, South Africa; Ajagbe S.A., Department of Computer Science, University of Zululand, Kwadlangezwa, 3886, South Africa, Department of Computer Engineering, First Technical University, Ibadan, 200255, Nigeria; Awotunde J.B., Department of Computer Science, Faculty of Information and Communication Sciences, University of Ilorin, Ilorin, 240003, Nigeria		Article
26	Bisht, Ankit Singh (57209197148); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Rawat, Kamal Singh (57213083827); Alam, Tabish (55856798800); Blecich, Paolo (37088064400)	The Use of a Vortex Generator for the Efficient Cooling of Lithium-Ion Batteries in Hybrid Electric Vehicles	2023	1.3	8.46	5.1	Goal 7	19	10.3390/pr11020500	https://www.scopus.com/pages/publications/85149104743?origin=resultslist	Bisht A.S., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bisht V.S., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bhandari P., Mechanical Engineering Department, K. R. Mangalam University, Gurgaon, 122103, India; Rawat K.S., Mechanical Engineering Department, MIET, Meerut, 250005, India; Alam T., CSIR—Central Building Research Institute, Roorkee, 247667, India; Blecich P., Faculty of Engineering, University of Rijeka, Rijeka, 51000, Croatia		Article
27	Ram, Shri (57881140700); Kumar Yadav, Surender (57218368941); Kumar, Arvind (57874904100)	Recent advancement of nanofluids in solar concentrating collectors: A brief review	2023	1.67	4.19	4.9	Goal 7	13	10.1016/j.matpr.2022.08.078	https://www.scopus.com/pages/publications/85137561872?origin=resultslist	Ram S., Department of Mechanical Engineering, K.R Mangalam University, Gurugram, 122001, India; Kumar Yadav S., Department of Mechanical Engineering, K.R Mangalam University, Gurugram, 122001, India; Kumar A., Department of Mechanical Engineering, K.R Mangalam University, Gurugram, 122001, India		Conference paper

28	Nagarajaiah, Shobha (57205419491); Nanda, N. (7201967453); Manjappa, Praveen (59417736700); Nagabhushana, Bhangi Mutta (6602523791); Gadewar, Manoj (57200719145); Rao, Srilatha (58527649100); Krishna, Prashanth Gopala (57195063763)	Evaluation of apoptosis in human breast cancer cell (MDA-MB-231) induced by ZnO nanoparticles synthesized using Piper betle leaf extract as bio-fuel	2023	1.19	11.77	4.8	Goal 7	18	10.1007/s00339-023-06731-w	https://www.scopus.com/pages/publications/85160960092?origin=resultslist	Nagarajaiah S., Department of Chemistry, Maharani's College for Women, Maharani Cluster University, Karnataka, Bengaluru, 560001, India, Department of Studies and Research in Chemistry, Tumkur University, Karnataka, Tumkur, 572103, India, Department of Chemistry, B.M.S. College of Engineering, Karnataka, Bengaluru, 560019, India; Nanda N., Department of Chemistry, B.M.S. College of Engineering, Karnataka, Bengaluru, 560019, India, Department of Chemistry, BMS College for Women, Karnataka, Bengaluru, 560004, India; Manjappa P., Center for Advanced Materials Technology (CAMT), M.S. Ramaiah Institute of Technology, Karnataka, Bengaluru, 560054, India; Nagabhushana B.M., Department of Chemistry, Ramaiah Institute of Technology, Karnataka, Bengaluru, 560054, India; Gadewar M., Department of Pharmacology, School of Medical and Allied Sciences, KR Mangalam University, Haryana, Gurgaon, 122103, India; Rao S., Department of Chemistry, Nitte Meenakshi Institute of Technology, Karnataka, Bengaluru, 560064, India; Krishna P.G., Research and Development Center, Department of Chemistry, Sir M. Visvesvaraya Institute of Technology (Affiliated to Visvesvaraya Technological University, Belagavi-590018), Karnataka, Bengaluru, 562157, India		Article
29	Fernandes, Joshua (59215595800); Kalluri, Sujith (55339453900); Alsuwaidi, Mohammed (59215941500); Mayakrishnan, Vishnuvarthanan (55515177100); Mohan, Chandra (57191527445); Madhavan, Asha Anish (55339555700)	Band gap engineering of g-C3N4/CuS and its application in Solar Still	2024	2.15	3.72	4.7	Goal 7	16	10.1016/j.chphi.2024.100684	https://www.scopus.com/pages/publications/85198354874?origin=resultslist	Fernandes J., Department of Engineering, Amity University Dubai, United Arab Emirates; Kalluri S., Department of Electronics and Communication Engineering, School of Engineering and Sciences, SRM University AP, Andhra Pradesh, Amaravati, 522240, India; Alsuwaidi M., Fingerprint Department, Dubai Police, Dubai, United Arab Emirates; Mayakrishnan V., Department of Mechanical Engineering, Kalasalingam Academy of Research and Education, Krishnankovil, Tamil Nadu, Srivilliputtur, 626126, India; Mohan C., Department of Basic and Applied Sciences, K.R. Mangalam University, Haryana, India; Madhavan A.A., Department of Engineering, Amity University Dubai, United Arab Emirates		Article
30	Sorout, Jyoti (57298824800); Raj, Seema (58631630800); Kaur, Dilraj Preet (26640492900); Lamba, Pooja (57297408000)	Waste-Based Bricks: Evaluation of Strength Behaviour of Bricks Containing Different Waste Materials as an Additive	2023	0.42	28.89	4.5	Goal 7	19	10.1007/s11270-023-06438-x	https://www.scopus.com/pages/publications/85163362033?origin=resultslist	Sorout J., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Raj S., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Kaur D.P., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Lamba P., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India		Review
31	Singh, Jagjeet (58358189300); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Kumar, Kaushal (36948986200); Singh, Jarnail (57026423600); Alam, Tabish (55856798800); Dixit, Saurav (57194779967); Singh, Subhav (57195480641); Khusnutdinov, Rinat (57190732797)	Computational parametric investigation of solar air heater with dimple roughness in S-shaped pattern	2024	8.75	4.12	4.2	Goal 7	44	10.1007/s12008-023-01392-8	https://www.scopus.com/pages/publications/85161967682?origin=resultslist	Singh J., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bisht V.S., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bhandari P., Department of Mechanical Engineering, K R Mangalam University, Sohna, India; Kumar K., Department of Mechanical Engineering, K R Mangalam University, Sohna, India; Singh J., Department of Mechanical Engineering, UCRD Chandigarh University, Chandigarh, India; Alam T., CSIR—Central Building Research Institute, Roorkee, 247667, India; Dixit S., Department of Industrial and Systems Engineering, Khalifa University, 127788, Abu Dhabi, United Arab Emirates, Division of Research and Innovation, Uttaranchal University, Premnagar, Uttarakhand, Dehradun, 248007, India; Singh S., Lovely Professional University, Ludhiyana, India; Khusnutdinov R., Department of Management and Innovation, National Research University "Moscow State University of Civil Engineering", Moscow, Russian Federation		Article
32	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 7	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
33	Patra, Rahul (59001669800); Chaudhary, Priyanka (56377734600); Shah, Owais Ahmad (57214512308)	Design and Development of ANFIS based Controller for Three Phase Grid Connected System	2024	1.17	4.28	4.2	Goal 7	8	10.31763/ijrcs.v4i1.1242	https://www.scopus.com/pages/publications/85191324119?origin=resultslist	Patra R., Noida International University, Department of Electrical and Electronics Engineering, Gautam Budh Nagar, 203201, India; Chaudhary P., Noida International University, Department of Electrical and Electronics Engineering, Gautam Budh Nagar, 203201, India; Shah O.A., K. R. Mangalam University, School of Engineering and Technology, Gurugram, 122103, India		Article
34	Singh, Meetpal (59188288300); Arora, Sujata (57219600295); Shah, Owais Ahmad (57214512308)	Enhancing Hybrid Power System Performance with GWO-Tuned Fuzzy-PID Controllers: A Comparative Study	2024	2.57	4.28	4.2	Goal 7	22	10.31763/ijrcs.v4i2.1388	https://www.scopus.com/pages/publications/85196795322?origin=resultslist	Singh M., Department of Electrical and Electronics Engineering, Noida International University, Gautam Budh Nagar, 203201, India; Arora S., Department of Electrical and Electronics Engineering, Noida International University, Gautam Budh Nagar, 203201, India; Shah O.A., School of Engineering and Technology, K. R. Mangalam University, Gurugram, 122103, India		Article
35	Singh, Bali (59324334700); Shah, Owais Ahmad (57214512308); Arora, Sujata (57219600295)	Seasonal Electrical Load Forecasting Using Machine Learning Techniques and Meteorological Variables	2024	1.63	4.28	4.2	Goal 7	12	10.31763/ijrcs.v4i3.1446	https://www.scopus.com/pages/publications/85203699405?origin=resultslist	Singh B., Department of Electrical and Electronics Engineering, Noida International University, Gautam Budh Nagar, 203201, India; Shah O.A., School of Engineering and Technology, K. R. Mangalam University, Gurugram, 122103, India; Arora S., Department of Electrical and Electronics Engineering, Noida International University, Gautam Budh Nagar, 203201, India		Article

36	Bhardwaj, Yogesh (59324345600); Shah, Owais Ahmad (57214512308); Kumar, Rakesh (59324028400)	Multi-Objective Particle Swarm Optimization for Enhancing Chiller Plant Efficiency and Energy Savings	2024	0	4.28	4.2	Goal 7	3	10.31763/ijrcs.v4i3.1501	https://www.scopus.com/pages/publications/85203681796?origin=resultslist	Bhardwaj Y., Department of Electrical and Electronics Engineering, Noida International University, Gautam Budh Nagar, 203201, India; Shah O.A., School of Engineering and Technology, K. R. Mangalam University, Gurugram, 122103, India; Kumar R., Department of Electrical and Electronics Engineering, Noida International University, Gautam Budh Nagar, 203201, India		Article
37	Singh, Jagjeet (58358189300); Singh Bisht, Vijay (57195429295); Bhandari, Prabhakar (57189488377); Kumar, Kaushal (36948986200); Singh, Jarnail (57026423600); Alam, Tabish (55856798800); Dixit, Saurav (57194779967); Singh, Subhav (57195480641); Khusnutdinov, Rinat (57190732797)	Correction to: Computational parametric investigation of solar air heater with dimple roughness in S-shaped pattern (International Journal on Interactive Design and Manufacturing (IJIDeM), (2024), 18, 5, (2969-2979), 10.1007/s12008-023-01392-8)	2024	39.2	0.1	4.2	Goal 7	4	10.1007/s12008-023-01431-4	https://www.scopus.com/pages/publications/85166928447?origin=resultslist	Singh J., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Singh Bisht V., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bhandari P., Department of Mechanical Engineering, K R Mangalam University, Sohna, India; Kumar K., Department of Mechanical Engineering, K R Mangalam University, Sohna, India; Singh J., Department of Mechanical Engineering, UCRD Chandigarh University, Chandigarh, India; Alam T., CSIR—Central Building Research Institute, Roorkee, 247667, India; Dixit S., Department of Industrial and Systems Engineering, Khalifa University, Abu Dhabi, 127788, United Arab Emirates, Division of Research and Innovation, Uttaranchal University, Premnagar, Dehradun, Uttarakhand, 248007, India; Singh S., Lovely Professional University, Ludhiyana, India; Khusnutdinov R., Department of Management and Innovation, National Research University, “Moscow State University of Civil Engineering”, Moscow, Russian Federation		Erratum
38	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Parag, Nijhawan (55193149500); Ekta, Thakur (57200214965); Tella, Teshome Goa (57204910892); Mosaad, Mohamed I. (24780937900); Murodbek, Safaraliev (57208887917)	Improving photovoltaic cell parameter calculations through a puffer fish inspired optimization technique	2024	1.77	4.51	4.1	Goal 7	16	10.1016/j.heliyon.2024.e33952	https://www.scopus.com/pages/publications/85197434366?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, India; Parag N., Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering and Technology, Patiala, India; Ekta T., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Tella T.G., Department of Electrical and Computer Engineering, Sustainable Energy Center of Excellence, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia; Mosaad M.I., Electrical & Electronics Engineering Technology Department, Yanbu Industrial College (YIC), Royal Commission Yanbu Colleges & Institutes, Yanbu, 46452, Saudi Arabia; Murodbek S., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation		Article
39	Priyan, S. (49362141500); Joshi, Mukesh (57218936129); Priya, Rashmi (57212520423); Garg, Amit (60032204300); Pathak, Sonal (57216863137); Quraishi, Suhail Javed (57210372712)	A Cleaner Production Scheduling Model with Green Investment and Pandemic Effects	2024	0	3.2	3.8	Goal 7	1	10.1155/2024/6296980	https://www.scopus.com/pages/publications/85196866083?origin=resultslist	Priyan S., Faculty of Mathematics, Amity University Tashkent, Tashkent, Uzbekistan; Joshi M., School of Computing, Graphic Era Hill University, Bhimtal Campus, Dehradun, India; Priya R., K. R. Mangalam University, Gurgaon, India; Garg A., Department of CSE, Manipal University Jaipur, Jaipur, India; Pathak S., School of Computer Applications, Manav Rachna International Institute of Research and Studies, Haryana, Faridabad, India; Quraishi S.J., School of Computer Applications, Manav Rachna International Institute of Research and Studies, Haryana, Faridabad, India		Article
40	Tipu, Rupesh Kumar (57761722500); Batra, Vandna (57758976800); Suman (57520978400); Pandya, K.S. (14030378500); Panchal, V.R. (23098325000)	Predicting compressive strength of concrete with iron waste: a BPNN approach	2024	2.05	4.89	3.6	Goal 7	25	10.1007/s42107-024-01130-9	https://www.scopus.com/pages/publications/85200115481?origin=resultslist	Tipu R.K., Department of Civil Engineering, School of Engineering & amp; Technology, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Batra V., Department of Computer Science and Engineering, School of Engineering & amp; Technology, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Suman, Department of Computer Science and Engineering, School of Engineering & amp; Technology, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Pandya K.S., Department of Electrical Engineering, Parul Institute of Engineering & amp; Technology, Parul University, Gujarat, Vadodara, India; Panchal V.R., Department of Civil Engineering, M. S. Patel Chandubhai S. Patel Institute of Technology (CSPIT)Charotar University of Science and Technology (CHARUSAT), CHARUSAT Campus, Changa, 388421, India		Article
41	Kumar, Kaushal (36948986200); Dixit, Saurav (57194779967); Mishra, Umank (55201284500); Vatin, Nikolai Ivanovich (6508103761)	A case study evolving quality management in Indian civil engineering projects using AI techniques: a framework for automation and enhancement	2024	0.82	4.89	3.6	Goal 7	8	10.1007/s42107-024-01029-5	https://www.scopus.com/pages/publications/85189198952?origin=resultslist	Kumar K., Department of Mechanical Engineering, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Dixit S., Division of Research and Development, Lovely Professional University, Punjab, Phagwara, 144401, India; Mishra U., Department of Civil Engineering, Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh, 490020, India; Vatin N.I., Peter The Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Division of Research and Innovation, Uttaranchal University, Dehradun, India		Article
42	Semalty, Amit (57881103700); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Rawat, Kamal (57213083827); Singh, Jarnail (57026423600); Kumar, Kaushal (36948986200); Dixit, Anil Kumar (57826049400)	Thermodynamic investigation on solar air heater having roughness as multiple broken arc and circular protrusion	2022	1.53	5.87	3.2	Goal 7	11	10.1016/j.matpr.2022.08.336	https://www.scopus.com/pages/publications/85137558567?origin=resultslist	Semalty A., Faculty of Technology, Uttarakhand Technical University, Dehradun, 248007, India; Bisht V.S., Faculty of Technology, Uttarakhand Technical University, Dehradun, 248007, India; Bhandari P., Mechanical Engineering Department, SOET, K. R. Mangalam University, Gurgaon, 122103, India; Rawat K., Mechanical Engineering Department, MIET, Meerut, 250005, India; Singh J., Mechanical Engineering Department, SOET, K. R. Mangalam University, Gurgaon, 122103, India; Kumar K., Mechanical Engineering Department, SOET, K. R. Mangalam University, Gurgaon, 122103, India; Dixit A.K., Divison of Research and Innovation, Uttaranchal University, Dehradun, 248007, India		Conference paper
43	Panse-Aglave, Gauri (56520208900); Hassan, Quamrul (8941305400)	A review paper on energy harvesting in arid and semi-arid region via PV cell on irrigation canals	2022	0.17	5.87	3.2	Goal 7	2	10.1016/j.matpr.2022.09.427	https://www.scopus.com/pages/publications/85139283403?origin=resultslist	Panse-Aglave G., School of Engineering & Technology, K.R. Mangalam University, Gurugram, 122103, India, Department of Civil Engineering, Jamia Millia Islamia, New Delhi, 110025, India; Hassan Q., Department of Civil Engineering, Jamia Millia Islamia, New Delhi, 110025, India		Conference paper

44	Chaudhary, Monika (57213245767); Vyas, Bhavesh (57191857983); Katoch, Minakshi (57216702928); Negi, Poonam (57221565252); Miroshnikova, Tatyana (56872779300)	Sustainable energy generation using innovative engineering techniques	2022	0.34	5.87	3.2	Goal 7	2	10.1016/j.matpr.2022.09.260	https://www.scopus.com/pages/publications/85139342083?origin=resultslist	Chaudhary M., Department of Electrical and Electronics Engineering, SOET, K R Mangalam University, Haryana, Gurgaon, 122103, India; Vyas B., Department of Electrical and Electronics Engineering, SOET, K R Mangalam University, Haryana, Gurgaon, 122103, India; Katoch M., Department of Electrical and Electronics Engineering, SOET, K R Mangalam University, Haryana, Gurgaon, 122103, India; Negi P., Division of Research and Innovation, Uttaranchal University, Dehradun, 248007, India; Miroshnikova T., Moscow City University of Management, Russian Federation		Conference paper
45	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 7	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
46	Rathi, Kartik (57919154700); Vyas, Bhavesh (57191857983); Acharya, Puja (57226339323); Vyas, Jayesh (59434904200); Dixit, Anil (57826049400)	Solar panels salvaging for safety & sustainability	2022	0.51	5.87	3.2	Goal 7	3	10.1016/j.matpr.2022.09.259	https://www.scopus.com/pages/publications/85139438641?origin=resultslist	Rathi K., Department of Computer Science AI&ML, SOET K R Mangalam University, Haryana, Gurgaon, 122103, India; Vyas B., Department of EEE, SOET, K R Mangalam University, Haryana, Gurgaon, 122103, India; Acharya P., Department of ECE, SOET, K R Mangalam University, Haryana, Gurgaon, 122103, India; Vyas J., Department of Mechanical and Chemical Engineering, Indian Institute of Technology, Jammu, India; Dixit A., Division of Research and Innovation, Uttaranchal University, Dehradun, 248007, India		Conference paper
47	Madan, Jaya (56823268100); Khanna, Arrik (57218143874); Bedi, Paramjeet Kaur Gumber (57551183800); Gautam, Rajni (41261269900); Pandey, Rahul (56609687400)	Numerical simulations of PbS colloidal quantum dots solar cell with ZnO: PEIE-based electron transport layer	2022	0.08	13.22	3.2	Goal 7	1	10.1007/s12648-022-02354-8	https://www.scopus.com/pages/publications/85128486793?origin=resultslist	Madan J., VLSI Centre of Excellence, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India; Khanna A., Chitkara College of Applied Engineering, Chitkara University, Punjab, India; Bedi P.K.G., Deen Dayal Upadhyaya College, University of Delhi, Dwarka, New Delhi, India; Gautam R., School of Basic & Applied Science, K.R. Mangalam University, Gurugram, India; Pandey R., VLSI Centre of Excellence, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India		Article
48	Kumar, Vishal (59276985700); Ram, Shri (57881140700)	Investigation of a parabolic trough solar collector utilising nanofluid and DIW: A relative study	2022	0.17	5.87	3.2	Goal 7	1	10.1016/j.matpr.2022.09.071	https://www.scopus.com/pages/publications/85138169655?origin=resultslist	Kumar V., Department of Mechanical Engineering, School of Engineering & Technology, K.R Mangalam University, Haryana, Gurugram, 122 103, India; Ram S., Department of Mechanical Engineering, School of Engineering & Technology, K.R Mangalam University, Haryana, Gurugram, 122 103, India		Conference paper
49	Kulkarni, Abhishek (57212664455); Yadav, S.K. (57218368941); Kumar, Arvind (57874904100)	A comprehensive study on solar ejector cooling system: A review	2022	0.34	5.87	3.2	Goal 7	4	10.1016/j.matpr.2022.09.141	https://www.scopus.com/pages/publications/85138208520?origin=resultslist	Kulkarni A., Department of Mechanical Engineering, School of Engineering & Technology, K.R Mangalam University, Haryana, Gurugram, 122103, India; Yadav S.K., Department of Mechanical Engineering, School of Engineering & Technology, K.R Mangalam University, Haryana, Gurugram, 122103, India; Kumar A., Department of Mechanical Engineering, School of Engineering & Technology, K.R Mangalam University, Haryana, Gurugram, 122103, India		Conference paper
50	Sharma, Kshama (57880239700); Arora, Richa (57403401800); Nangia, Richa (57221083837); Singel, Rashmi (57880239800); Dharmveer (55211044800); Dixit, Saurav (57194779967)	Effects of green manufacturing and technological innovations on sustainable development	2022	2.04	5.87	3.2	Goal 7	17	10.1016/j.matpr.2022.08.475	https://www.scopus.com/pages/publications/85137543215?origin=resultslist	Sharma K., School of Management and Commerce, K.R.Mangalam University, Haryana, Gurugram, 122103, India; Arora R., Jagannath International Management School (Jims) Vasant Kunj, Delhi, 110070, India; Nangia R., School of Management and Commerce, K.R.Mangalam University, Haryana, Gurugram, 122103, India; Singel R., School of Management and Commerce, K.R.Mangalam University, Haryana, Gurugram, 122103, India; Dharmveer, School of Legal Studies, K.R.Mangalam University, Haryana, Gurugram, 122103, India; Dixit S., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Division of Research and Innovation, Uttaranchal University, Dehradun, 248007, India		Conference paper
51	Vyas, Bhavesh (57191857983); Dahiya, Vineet (57226709153); Rawat, Poonam (59281174400); Miroshnikova, Tatyana (56872779300)	Carbon emission reduction by amalgated perovskite structure as suitable lead substitute	2022	0	5.87	3.2	Goal 7	0	10.1016/j.matpr.2022.09.257	https://www.scopus.com/pages/publications/85138539600?origin=resultslist	Vyas B., K R Mangalam University, Haryana, Gurgaon, 122 103, India; Dahiya V., K R Mangalam University, Haryana, Gurgaon, 122 103, India; Rawat P., Division of Research and Innovation, Uttaranchal University, Dehradun, 248 007, India; Miroshnikova T., Moscow City University of Management, Russian Federation		Conference paper
52	Bohra, Jaya (57860612900); Singh Bisht, Vijay (57195429295); Bhandari, Prabhakar (57189488377); Rawat, Kamal Singh (57213083827); Singh, Jarnail (57026423600); Kumar, Kaushal (36948986200); Rawat, Babita (57862028900)	Effect of variable blockage height ratio on performance for solar air heater roughened with 45° Z-shaped baffles	2022	2.04	5.87	3.2	Goal 7	16	10.1016/j.matpr.2022.08.279	https://www.scopus.com/pages/publications/85136607249?origin=resultslist	Bohra J., Faculty of Technology, Uttarakhand Technical University, Dehradun, 248007, India; Singh Bisht V., Faculty of Technology, Uttarakhand Technical University, Dehradun, 248007, India; Bhandari P., Mechanical Engineering department, SOET, K. R. Mangalam University, Gurgaon, 122103, India; Rawat K.S., Mechanical Engineering department, MIET, Meerut, 250005, India; Singh J., Mechanical Engineering department, SOET, K. R. Mangalam University, Gurgaon, 122103, India; Kumar K., Mechanical Engineering department, SOET, K. R. Mangalam University, Gurgaon, 122103, India; Rawat B., Divison of Research and Innovation, Uttaranchal University, Dehradun, 248007, India		Conference paper
53	Kumar, Anil (59122783000); Chaudhary, Priyanka (56377734600); Shah, Owais Ahmad (57214512308)	Intelligent Controller Based on Artificial Neural Network and INC Based MPPT for Grid Integrated Solar PV System	2023	0.81	8.6	3.1	Goal 7	9	10.31763/ijrcs.v3i4.1150	https://www.scopus.com/pages/publications/85184424315?origin=resultslist	Kumar A., Noida International University, Department of Electrical and Electronics Engineering, Gautam Budh Nagar, 203201, India; Chaudhary P., Noida International University, Department of Electrical and Electronics Engineering, Gautam Budh Nagar, 203201, India; Shah O.A., K. R. Mangalam University, School of Engineering and Technology, Gurugram, 122103, India		Article
54	Katoch, Minakshi (57216702928); Dahiya, Vineet (57226709153); Yadav, Surendra Kumar (57218368941)	A Review on Recent Advancement in Solar Photovoltaic System	2022	0.21	9.73	2.1	Goal 7	2	10.15866/ireme.v16i12.23046	https://www.scopus.com/pages/publications/85156212367?origin=resultslist	Katoch M., Department of Electrical and Electronics Engineering, K R Mangalam University, Gurugram, 122001, India; Dahiya V., Department of Electronics and Communication Engineering, K R Mangalam University, Gurugram, 122001, India; Yadav S.K., Department of Mechanical Engineering, K R Mangalam University, Gurugram, 12200, India		Article

55	Katoch, Minakshi (57216702928); Dahiya, Vineet (57226709153); Yadav, Surendra Kumar (57218368941)	The performance analysis of dusty photovoltaic panel	2023	0.33	9.09	1.8	Goal 7	4	10.24425/ather.2023.146558	https://www.scopus.com/pages/publications/85174213135?origin=resultslist	Katoch M., K.R. Mangalam University, Gurugram, 122103, India; Dahiya V., K.R. Mangalam University, Gurugram, 122103, India; Yadav S.K., K.R. Mangalam University, Gurugram, 122103, India		Article
56	Ghildyal, Abhishek (58318976800); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Rawat, Kamal Singh (57213083827)	Effect of D-shaped, reverse D-shaped and U-shaped turbulators in solar air heater on thermo-hydraulic performance	2023	1.21	9.09	1.8	Goal 7	18	10.24425/ather.2023.146556	https://www.scopus.com/pages/publications/85174218205?origin=resultslist	Ghildyal A., Veer Madho Singh Bhandari Uttarakhand Technical University, Faculty of Technology, Dehradun, 248007, India; Bisht V.S., Veer Madho Singh Bhandari Uttarakhand Technical University, Faculty of Technology, Dehradun, 248007, India; Bhandari P., K.R. Mangalam University, School of Engineering and Technology, Department of Mechanical Engineering, Haryana, Gurugram, 122103, India; Rawat K.S., Meerut Institute of Engineering and Technology, Mechanical Engineering Department, Meerut, 250005, India		Article
57	Ghildyal, Abhishek (58318976800); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Thapliyal, Subham (59390224800); Kaushik, Shivasheesh (57213737994); Ranakoti, Lalit (57209850819); Bangari, Raghubeer Singh (57201344881); Srivastav, Ayushman (59064574000); Kanojia, Nikhil (57217129197); Paul, Ashwarya Raj (57225719433)	A comparative numerical evaluation of solar air heater performance having W-contoured, taper-contoured and reverse taper-contoured turbulators	2024	0.22	4.62	1.5	Goal 7	5	10.24425/ather.2024.152008	https://www.scopus.com/pages/publications/85211694551?origin=resultslist	Ghildyal A., Department of Mechanical Engineering, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bisht V.S., Department of Mechanical Engineering, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, 248007, India; Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Thapliyal S., Department of Mechanical Engineering, Uttaranchal University, Dehradun, India; Kaushik S., Department of Mechanical Engineering, Shivalik College of Engineering, Dehradun, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to Be University, Uttarakhand, Dehradun, 248002, India; Bangari R.S., Department of Mechanical Engineering, Graphic Era Hill University, Uttarakhand, Dehradun, 248002, India; Srivastav A., Department of Mechanical Engineering,U.P.E.S., Dehradun, India; Kanojia N., Department of Mechanical Engineering,U.P.E.S., Dehradun, India; Paul A.R., Department of Mechanical Engineering, Vellore Institute of Technology, Vellore, India		Article
58	Haldia, Shivam (59147013900); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Ranakoti, Lalit (57209850819); Negi, Akashdeep (57422508700)	Numerical assessment of solar air heater performance having a broken arc and broken S-shaped ribs as roughness	2024	0.43	4.62	1.5	Goal 7	3	10.24425/ather.2024.150435	https://www.scopus.com/pages/publications/85194398071?origin=resultslist	Haldia S., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Uttarakhand, Dehradun, 248007, India; Bisht V.S., Department of Thermal Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Uttarakhand, Dehradun, 248007, India; Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122103, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India; Negi A., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India		Article
59	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 7	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
60	Verma, Vikas (59466417000); Joshi, Abhishek (57884126200); Kalra, Simran (58930754500); Singh, Amanveer (58478180600); Mohan, Chandra (57191527445)	Novel Nanocatalysts for Sustainable Hydrogen Production from Renewable Resources	2024	4.09	0.73	1.1	Goal 7	3	10.1051/e3sconf/202451101006	https://www.scopus.com/pages/publications/85190845452?origin=resultslist	Verma V., Lovely Professional University, Punjab, Phagwara, India; Joshi A., Uttaranchal University, Dehradun, 248007, India; Kalra S., Centre of Research Impact and Outcome, Chitkara University, Punjab, Rajpura, 140417, India; Singh A., Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh, 174103, India, Department of EEE, GRIET, Bachupally, Telangana, Hyderabad, India; Mohan C., Department of Chemistry, Sbas, K R Mangalam University, Gurugram, 122103, India		Conference paper
61	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 7	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
62	Vatin, Nikolai Ivanovich (6508103761); Rekha, M. (57189699091); Nautiyal, Mansi (58853755400); Kumar, Ravi (58263946400); Suri, Sahil (59268308900); Rajoria, Yogendra Kumar (56405521400)	Fuzzy Logic-Based Energy Storage Management for Grid Resilience	2024	0	0.73	1.1	Goal 7	1	10.1051/e3sconf/202451101020	https://www.scopus.com/pages/publications/85190885748?origin=resultslist	Vatin N.I., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Lovely Professional University, Punjab, Phagwara, India; Rekha M., Department of EEE, GRIET, Bachupally, Telangana, Hyderabad, India; Nautiyal M., Uttaranchal University, Dehradun, 248007, India; Kumar R., Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh, 174103, India; Suri S., Centre of Research Impact and Outcome, Chitkara University, Punjab, Rajpura, 140417, India; Rajoria Y.K., Department of Mathematics, Sbas, K.R Mangalam University, Gurugram, India		Conference paper
63	Vafaeva, Khristina Maksudovna (58854507200); Raju, V. Vijayarama (58994623200); Ballabh, Jayanti (58670024800); Sharma, Divya (59620627200); Rathour, Abhinav (58196244800); Rajoria, Yogendra Kumar (56405521400)	Particle Swarm Optimization for Sizing of Solar-Wind Hybrid Microgrids	2024	1.36	0.73	1.1	Goal 7	4	10.1051/e3sconf/202451101032	https://www.scopus.com/pages/publications/85190837182?origin=resultslist	Vafaeva K.M., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Lovely Professional University, Punjab, Phagwara, India; Raju V.V., Department of EEE, GRIET, Bachupally, Telangana, Hyderabad, India; Ballabh J., Uttaranchal University, Dehradun, 248007, India; Sharma D., Centre of Research Impact and Outcome, Chitkara University, Punjab, Rajpura, 140417, India; Rathour A., Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh, 174103, India; Rajoria Y.K., Department of Mathematics, Sbas, K.R Mangalam University, Gurugram, India		Conference paper

64	Sharma, Kshama (57880239700); Bhattacharjee, Priyanka (58676006300); Arora, Rishabh (57218384388); Kumar, Kaushal (36948986200); Kirola, Madhu (57226121339); Awaar, Vinay Kumar (56712880200); Ahuja, Suniana (58675630400); Ganesh, Bande (58676142400)	Green and Sustainable Manufacturing with Implications of ESG In Energy Sector: A Comprehensive Review	2023	2.58	1.55	0.9	Goal 7	7	10.1051/e3sconf/202343001183	https://www.scopus.com/pages/publications/85175464706?origin=resultslist	Sharma K., School of Management and Commerce, K.R. Mangalam University Gurugram, Haryana, 122103, India; Bhattacharjee P., School of Management and Commerce, K.R. Mangalam University Gurugram, Haryana, 122103, India; Arora R., School of Engineering and Technology, K.R. Mangalam University Gurugram, Haryana, 122103, India; Kumar K., School of Engineering and Technology, K.R. Mangalam University Gurugram, Haryana, 122103, India; Kirola M., Division of Research & Innovation, Uttaranchal University, Dehradun, India; Awaar V.K., Department of Civil Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Ahuja S., Lovely Professional University, Punjab, Phagwara, 144001, India; Ganesh B., Kg Reddy College of Engineering & Technology, Moinabad, Telangana, Hyderabad, India		Conference paper
65	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 7	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
66	Kumar, Kaushal (36948986200); Dixit, Saurav (57194779967); Ul Haq, Md. Zia (57855916600); Maksudovna, Vafaeva Khristina (58854507200); Vatin, Nikolai Ivanovich (6508103761); Rao, D.S. Naga Malleswara (57193886970); Awaar, Vinay Kumar (56712880200); Nijhawan, Ginni (58676333200); Rani, K. Swapna (58676333300)	Exploring the Uncharted Territory: Future Generation Materials for Sustainable Energy Storage	2023	28.99	1.55	0.9	Goal 7	60	10.1051/e3sconf/202343001199	https://www.scopus.com/pages/publications/85175448729?origin=resultslist	Kumar K., K R Mangalam University, Gurgaon, India; Dixit S., Division of Research & Innovation, Uttaranchal University, Dehradun, India, Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Department of Management Science and Engineering, Khalifa University of Science and Technology, Abu Dhabi, 127788, United Arab Emirates; Ul Haq M.Z., Department of Civil Engineering, Nitttr Chandigarh, Sector 26, Chandigarh, India; Maksudovna V.K., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Vatin N.I., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Rao D.S.N.M., Department of Electrical and Electronics Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Awaar V.K., Department of Electrical and Electronics Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Nijhawan G., Lovely Professional University, Punjab, Phagwara, 144001, India; Rani K.S., Kg Reddy College of Engineering & Technology, India		Conference paper
67	Kumar, Kaushal (36948986200); Dixit, Saurav (57194779967); Ul Haq, Md. Zia (57855916600); Maksudovna, Vafaeva Khristina (58854507200); Vatin, Nikolai Ivanovich (6508103761); Rekha, M. (57189699091); Awaar, Vinay Kumar (56712880200); Singla, Atul (58675574800); Jhade, Srinivas (58103530600)	Revolutionising Heat Treatment: Novel Strategies for Augmented Performance and Sustainability	2023	27.06	1.55	0.9	Goal 7	57	10.1051/e3sconf/202343001200	https://www.scopus.com/pages/publications/85175463192?origin=resultslist	Kumar K., K R Mangalam University, Gurgaon, India; Dixit S., Division of Research & Innovation, Uttaranchal University, Dehradun, India, Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Department of Management Science and Engineering, Khalifa University of Science and Technology, Abu Dhabi, 127788, United Arab Emirates; Ul Haq M.Z., Department of Civil Engineering, Nitttr Chandigarh, Sector 26, Chandigarh, India; Maksudovna V.K., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Vatin N.I., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Rekha M., Department of Electrical and Electronics Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Awaar V.K., Department of Electrical and Electronics Engineering, GRIET, Bachupally, Telangana, Hyderabad, India; Singla A., Lovely Professional University, Punjab, Phagwara, 144001, India; Jhade S., Kg Reddy College of Engineering & Technology, India		Conference paper
68	Bhardwaj, Shri Ram (57982930100); Yadav, Surendra Kumar (57218368941); Kumar, Arvind (57874904100)	Impact of Titanium Oxide-Based (TiO2) Nanofluid on Parabolic Trough Solar Concentrating Collector	2023	0	1.18	0.9	Goal 7	0	10.1007/978-981-19-6470-1_8	https://www.scopus.com/pages/publications/85142766580?origin=resultslist	Bhardwaj S.R., Department of Mechanical Engineering, K. R. Mangalam University, Gurugram, 122001, India; Yadav S.K., Department of Mechanical Engineering, K. R. Mangalam University, Gurugram, 122001, India; Kumar A., Department of Mechanical Engineering, K. R. Mangalam University, Gurugram, 122001, India	978-981196472-5	Conference paper
69	Manmohan, Chaudhry (58499000600); Nikhat, Mushir (58497636800); Mohammad, Nizamuddin (58497819200); Gera, Rajat (50261475200); Pathani, Ashish (58141564700)	Green Technology and Environmental Sustainability in The Tourism Sector: A Bibliometric Analysis	2023	1.29	1.55	0.9	Goal 7	5	10.1051/e3sconf/202339101179	https://www.scopus.com/pages/publications/85165355870?origin=resultslist	Manmohan C., Somc, K. R. Mangalam University, Sohna Road, Haryana, Gurgaon, 122103, India; Nikhat M., Somc, K. R. Mangalam University, Sohna Road, Haryana, Gurgaon, 122103, India; Mohammad N., Somc, K. R. Mangalam University, Sohna Road, Haryana, Gurgaon, 122103, India; Gera R., Woxsen University, Telengana, Hyderabad, India; Pathani A., Uttaranchal University, Dehradun, India		Conference paper
70	Ram, Shri (57881140700); Yadav, S.K. (57218368941); Yadav, Ashu (57219111617); Chauhan, Avanish Singh (57194066736)	Recent Advancements in Thermochemical Conversion of Biomass and Technologies Used to Eliminate the Tar Formation	2023	2.53	1.18	0.9	Goal 7	3	10.1007/978-981-99-2382-3_49	https://www.scopus.com/pages/publications/85169042742?origin=resultslist	Ram S., Department of Mechanical Engineering, School of Engineering and Technology, K.R. Mangalam University, Gurugram, 122103, India; Yadav S.K., Department of Mechanical Engineering, School of Engineering and Technology, K.R. Mangalam University, Gurugram, 122103, India; Yadav A., Manipal University Jaipur, Dehmi Kalan, Jaipur, 303007, India; Chauhan A.S., Karnavati University, Gandhinagar, 382422, India	978-981992381-6	Conference paper

71	Gupta, Jyoti (57208304758); Giri, Nimay Chandra (57726754000); Singla, Manish Kumar (57208304510); Gupta, Anupma (57209589407); Thakur, Ekta (57200214965); Behera, Santi (57220715680); Singh, Manpreet (57145500900)	Solar cell parameter extraction: A synergistic fusion of mathematical modeling and optimization algorithms	2024	0	0.4	0.5	Goal 7	1	10.1063/5.0227881	https://www.scopus.com/pages/publications/85207202830?origin=resultslist	Gupta J., Department of Computer Science Engineering, K.R. Mangalam, University, Haryana, Gurugram, India; Giri N.C., Department of Electronics and Communication Engineering, Centurion University of Technology and Management, Odisha, India; Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Gupta A., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Thakur E., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Behera S., Department of Electrical and Electronics Engineering, Veer Surendra Sai University of Technology, Burla, Odisha, Sambalpur, India; Singh M., Department of Mechanical Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India		Conference paper
72	Larionova, Yuliya V. (57467572000); Sharma, Deepti (57192933663); Nijhawan, Ginni (58676333200); Kumari, Neeraj (57562251100); Devi, Sarita (58855066000)	The Economic Viability of Smart Home Investments: A Cost-Benefit Analysis	2024	1.62	0.62	0.4	Goal 7	5	10.1051/bioconf/20248601086	https://www.scopus.com/pages/publications/85183668677?origin=resultslist	Larionova Y.V., Moscow State University of Civil Engineering, Moscow, 129337, Russian Federation; Sharma D., Uttaranchal University, Dehradun, 248007, India; Nijhawan G., Lovely Professional University, Punjab, Phagwara, India; Kumari N., K R Mangalam University, Gurgaon, India; Devi S., GD Goenka University, Haryana, Sohna, India		Conference paper
73	Natalia, Taskaeva (56184060300); Joshi, Sanjeev Kumar (58070510300); Dixit, Saurav (57194779967); Bella, H. kanakadurga (57556921400); Jena, Prakash Chandra (58854505300); Vyas, Anjali (58853962500)	Enhancing Smart City Services with AI: A Field Experiment in the Context of Industry 5.0	2024	8.08	0.62	0.4	Goal 7	9	10.1051/bioconf/20248601063	https://www.scopus.com/pages/publications/85183640064?origin=resultslist	Natalia T., Department of management and innovation, National Research University Moscow State University of Civil Engineering, 129337 Yaroslavskoe shosse, 26, Moscow, Russian Federation; Joshi S.K., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, 248007, India; Dixit S., Lovely Professional University, Punjab, Phagwara, India, Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation; Bella H.K., GRIET, Bachupally, Telangana, Hyderabad, India; Jena P.C., K R Mangalam University, Gurgaon, India; Vyas A., GD Goenka University, Haryana, Sohna, India		Conference paper
74	Rinat, Khusnutdinov (57190732797); Thakur, Gaurav (58237991400); Gupta, Manish (57190021967); Madhuri, T.N.P. (57476395500); Bansal, Shweta (55764352800)	Comparative Analysis of Big Data Computing in Industry 4.0 and Industry 5.0: An Experimental Study	2024	14.55	0.62	0.4	Goal 7	13	10.1051/bioconf/20248601068	https://www.scopus.com/pages/publications/85183668341?origin=resultslist	Rinat K., Department of management and innovation, National Research University Moscow State University of Civil Engineering, 129337 Yaroslavskoe shosse, 26, Moscow, Russian Federation; Thakur G., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, 248007, India; Gupta M., Lovely Professional University, Punjab, Phagwara, India; Madhuri T.N.P., GRIET, Bachupally, Telangana, Hyderabad, India; Bansal S., K R Mangalam University, Gurgaon, India		Conference paper
75	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 7	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
76	Elena, Vasilieva (57192662530); Bisht, Deepa (57879386800); Chhabra, Soosan (58675218800); Kumar, Kaushal (36948986200); Sharma, Manka (58854316600); Yellanki, V. Sahithi (58675074900)	IoT in Home Automation: A Data-Driven User Behaviour Analysis and User Adoption Test	2024	3.23	0.62	0.4	Goal 7	1	10.1051/bioconf/20248601085	https://www.scopus.com/pages/publications/85183643284?origin=resultslist	Elena V., Department of Management and Innovation, National Research University Moscow State University of Civil Engineering, 129337 Yaroslavskoe shosse, 26, Moscow, Russian Federation; Bisht D., Uttaranchal University, Dehradun, 248007, India; Chhabra S., Lovely Professional University, Punjab, Phagwara, India; Kumar K., K R Mangalam University, Gurgaon, India; Sharma M., GD Goenka University, Haryana, Sohna, India; Yellanki V.S., GRIET, Bachupally, Telangana, Hyderabad, India		Conference paper
77	Vatin, Nikolai Ivanovich (6508103761); Negi, Gaurav Singh (57191034044); Yellanki, V. Sahithi (58675074900); Mohan, Chandra (57191527445); Singla, Neeru (58854505600)	Sustainability Measures: An Experimental Analysis of AI and Big Data Insights in Industry 5.0	2024	32.33	0.62	0.4	Goal 7	28	10.1051/bioconf/20248601072	https://www.scopus.com/pages/publications/85183610808?origin=resultslist	Vatin N.I., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Lovely Professional University, Punjab, Phagwara, India; Negi G.S., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, 248007, India; Yellanki V.S., GRIET, Bachupally, Telangana, Hyderabad, India; Mohan C., K R Mangalam University, Gurgaon, India; Singla N., GD Goenka University, Haryana, Sohna, India		Conference paper
78	Malysheva, Anna A. (57192376081); Rawat, Babita (57862028900); Singh, Navdeep (57218540796); Jena, Prakash Chandra (58854505300); Kapil (58854505400)	Energy Efficiency Assessment in Smart Homes: A Comparative Study of Energy Efficiency Tests	2024	4.85	0.62	0.4	Goal 7	5	10.1051/bioconf/20248601083	https://www.scopus.com/pages/publications/85183654039?origin=resultslist	Malysheva A.A., Moscow State University of Civil Engineering, Moscow, 129337, Russian Federation; Rawat B., Uttaranchal University, Dehradun, 248007, India; Singh N., Lovely Professional University, Punjab, Phagwara, India; Jena P.C., K R Mangalam University, Gurgaon, India; Kapil, GD Goenka University, Haryana, Sohna, India		Conference paper
79	Shchepkina, Natalia (57208305879); Chandramauli, Awadhesh (57200442952); Ahuja, Suniana (58675630400); Swaraj, P. Prathibha (58675032800); Ranjan, Rajiv (58854689800)	Deep Learning Algorithms in Industry 5.0: A Comprehensive Experimental Study	2024	3.23	0.62	0.4	Goal 7	5	10.1051/bioconf/20248601067	https://www.scopus.com/pages/publications/85183612515?origin=resultslist	Shchepkina N., Department of management and innovation, National Research University Moscow State University of Civil Engineering, 129337 Yaroslavskoe shosse, 26, Moscow, Russian Federation; Chandramauli A., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, 248007, India; Ahuja S., Lovely Professional University, Punjab, Phagwara, India; Swaraj P.P., GRIET, Bachupally, Telangana, Hyderabad, India; Ranjan R., K R Mangalam University, Gurgaon, India		Conference paper
80	Natalia, Verstina (58854333600); Bisht, Yashwant Singh (57226502834); Prabhakar, Pranav Kumar (26028020600); Arora, Rishabh (57218384388); Mishra, Sudipta K. (60658916300); Rajasekhar, N. (57202195837)	AI and Autonomous Systems: An Experiment in Industry 5.0 Transformation	2024	8.08	0.62	0.4	Goal 7	9	10.1051/bioconf/20248601094	https://www.scopus.com/pages/publications/85183614824?origin=resultslist	Natalia V., Department of Management and Innovation, National Research Moscow State University of Civil Engineering (NRU MGSU), 26 Yaroslavskoye Highway, Moscow, Russian Federation; Bisht Y.S., Uttaranchal University, Dehradun, 248007, India; Prabhakar P.K., Lovely Professional University, Punjab, Phagwara, India; Arora R., K R Mangalam University, Gurgaon, India; Mishra S.K., GD Goenka University, Haryana, Sohna, India; Rajasekhar N., GRIET, Bachupally, Telangana, Hyderabad, India		Conference paper

81	Zafar, Sherin (56154977900); Ahad, Mohd Abdul (57195427239); Ali, Syed Imran (57209138864); Mehta, Deepa (57202607315); Afshar Alam, M. (58161634600)	Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks: Real-time Applications	2022	0.17	5.81	0	Goal 7	3	10.1002/9781119682554	https://www.scopus.com/pages/publications/85153810931?origin=resultslist	Zafar S., School of Engineering Sciences & Technology, Jamia Hamdard University, India; Ahad M.A., Department of Computer Science and Engineering, School of Engineering Sciences and Technology, Jamia Hamdard University, India; Ali S.I., Department of Engineering, Computer Engineering Section, University of Technology and Applied Sciences Al-Musannah, Oman; Mehta D., KR Mangalam University for Research Industry Interactions & Incubation, India; Afshar Alam M., SEST, Jamia Hamdard University, India	978-111968255-4; 978-111968250-9	Book
82	Tripathi, Pankaj (57203075098); Kaur, Dilrajpreet (26640492900); Nautiyal, Hemant (57209451550); Thangamani (22235774600); Jeevananthan, P. (58919792700); Nalawade, Dattatraya Babanrao (58919571700)	Using Internet to Improve Ecological as well as Energy Surveillance in Houses: A Smart Computer Integration	2023	0	3.58	0	Goal 7	1	10.1109/ICCSAI59793.2023.10421166	https://www.scopus.com/pages/publications/85186725487?origin=resultslist	Tripathi P., Invertis University, Department of Electrical Engineering, Uttar Pradesh, Bareilly, 243123, India; Kaur D., School of Basic & Applied Sciences, K. R. Mangalam University, Department of Physics, Haryana, Gurugram, 122103, India; Nautiyal H., School of Mechanical Engineering, Dev Bhoomi Uttarakhand University, Uttarakhand, 248007, India; Thangamani, Karpagam Academy of Higher Education, Department of Chemistry, Coimbatore, 641021, India; Jeevananthan P., Karpagam College of Engineering, Department of Electrical and Electronics Engineering, Coimbatore, 641032, India; Nalawade D.B., Vishwakarma Institute of Information Technology, Mech Engg, Pune, India	979-835036996-0	Conference paper
83	Gupta, Neetu (60778911900); Singh, Arjun (59395862000); Saxena, Nitesh (58890382700); Ravivarman, G. (57201881192); Gajendran, P. (57983245900); Deshpande, Pallavi (56405214400)	Increasing Automotive Electrical Equipment Effectiveness with Enhanced Iron Loss Estimation Techniques	2023	0	2.76	0	Goal 7	0	10.1109/IC3I59117.2023.10398109	https://www.scopus.com/pages/publications/85185227800?origin=resultslist	Gupta N., K. R. Mangalam University, Department of Computer Science and Engineering, Gurugram, India; Singh A., Dev Bhoomi Uttarakhand University, Electronics and Communications Engineering, Uttarakhand, India; Saxena N., Invertis University, Department of Computer Applications, Bareilly, India; Ravivarman G., Karpagam Academy of Higher Education, Department of Electrical and Electronics Engineering, Coimbatore, India; Gajendran P., Karpagam Academy of Higher Education, Department of Electrical and Electronics Engineering, Coimbatore, India; Deshpande P., Vishwakarma Institute of Information Technology, Electronics and Telecommunications Engineering Department, Pune, India	979-835030448-0	Conference paper
84	Kumar, Mukesh (59923005700); Kumar, Sushil (59150112500); Yadav, Saneh Lata (57215431692)	Data mining for the internet of things: A survey	2023	1.4	1.43	0	Goal 7	2	10.1201/9781003369066-8	https://www.scopus.com/pages/publications/85165882936?origin=resultslist	Kumar M., School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India; Kumar S., School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India; Yadav S.L., School of Engineering and Technology, K. R. Mangalam University, Gurugram, Haryana, India	978-100336906-6; 978-177491239-3	Book chapter
85	Jalluri, Srinivasa Rao (36679875500); Tripathi, R.K. (58890384300); Vijayan, Vinu (58919356100); Mohan, Chandra (57191527445); Vishwath, N.C.Ajay (57200935692); Das, Sandip Kumar (58637275600)	Integrating Fuzzy Logic with LDR Sensors for Optimized Solar Energy Harvesting in Sun-Tracking Systems	2023	0.84	3.58	0	Goal 7	3	10.1109/ICCSAI59793.2023.10420997	https://www.scopus.com/pages/publications/85186729886?origin=resultslist	Jalluri S.R., Eee, Vnr, Vjiet, India; Tripathi R.K., School of Mechanical Engineering, Dev Bhoomi Uttarakhand University, Uttarakhand, 248007, India; Vijayan V., College Deggendorf Institute of Technology, Healthy and Sustainable Buildings, Bavaria, Pfarrkirchen, Germany; Mohan C., School of Basic & Applied Sciences, K. R. Mangalam University, Department of Chemistry, Haryana, Gurugram, 122103, India; Vishwath N.C.A., Parul University, Aeronautical Department, India; Das S.K., Soee, Kiit Deemed to Be University, India	979-835036996-0	Conference paper
86	Gautam, Rajni (60901852600); Sharma, Sandeep (56754433400); Kumar, Lalit (58918914100); Ravivarman, G. (57201881192); Gopinath, S. (36198295200); Mirajkar, Riddhi R. (58192203200)	Battery & Fuel Cells Comparative Study On Application With Iot Gadgets	2023	0	3.58	0	Goal 7	0	10.1109/ICCSAI59793.2023.10421626	https://www.scopus.com/pages/publications/85186659610?origin=resultslist	Gautam R., School of Basic & Applied Sciences, K. R. Mangalam University, Department of Physics, Haryana, Gurugram, 122103, India; Sharma S., School of Electronic and Electrical Engineering, Dev Bhoomi Uttarakhand University, Uttarakhand, 248007, India; Kumar L., Invertis University, Department of Applied Sciences, Uttar Pradesh, Bareilly, 243123, India; Ravivarman G., Karpagam Academy of Higher Education, Department of Electrical and Electronics Engineering, Coimbatore, 641021, India; Gopinath S., Karpagam Institute of Technology, Department of Electronics and Communication Engineering, Coimbatore, 641105, India; Mirajkar R.R., It, Vishwakarma Institute of Information Technology, Pune, India	979-835036996-0	Conference paper
87	Garg, Vinod Kumar (57985330600); Yadav, Anoop (15728791000); Mohan, Chandra (57191527445); Yadav, Sushma (57956181900); Kumari, Neeraj (57562251100)	Green Chemistry Approaches to Environmental Sustainability: Status, Challenges and Prospective	2023	0.27	3.72	0	Goal 7	6	10.1016/C2022-0-00289-0	https://www.scopus.com/pages/publications/85176862466?origin=resultslist	Garg V.K., Department of Environmental Science and Technology, Central University of Punjab, Punjab, Bathinda, India; Yadav A., Department of Environmental Studies, Central University of Haryana, Haryana, Mahendergarh, India; Mohan C., Department of Chemistry, School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Yadav S., Industrial Waste Management, Department of Vocational Studies and Skill Development, Central University of Haryana, Haryana, Mahendergarh, India; Kumari N., Department of Chemistry, School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India	978-044318959-3; 978-044318960-9	Book
88	Gupta, Jyoti (57208304758); Singla, Manish Kumar (57208304510); Mohit, B. (57189048184); Anand, Vikash (56081906200); Sinha, Chetna (59266666600)	Hybrid Algorithm for Optimizing Parameter in the Double Diode Model	2023	0.51	1.96	0	Goal 7	1	10.1109/AESPC59761.2023.10390406	https://www.scopus.com/pages/publications/85184855007?origin=resultslist	Gupta J., K.R. Mangalam University, Department of Computer Science Engineering, Haryana, Gurugram, India; Singla M.K., Chitkara University Institute of Engineering & Technology, Chitkara University, Department of Interdisciplinary Courses in Engineering, Punjab, India; Mohit B., Electrical Engineering Department,Graphic Era Hill University, Dehradun, India; Anand V., Graphic Era (Deemed to Be University), Electrical Engineering Department, Dehradun, India, School of Electrical Engg., KIIT Deemed to Be University, Odisha, 751024, India; Sinha C., School of Humanities, KIIT Deemed to Be University, Odisha, 751024, India	979-835035874-2	Conference paper
89	Tripathi, R.K. (58890384300); Rana, Kuldeep (58890384400); Yadav, Komal (58890355900); Yuvaraj, K. (59725252500); Premananthan, G. (56884645300); Deshmukh, Vishwesh (58890342500)	Using String Data to Estimate the Shading Loss of Solar Power Plants	2023	0	2.76	0	Goal 7	0	10.1109/IC3I59117.2023.10397686	https://www.scopus.com/pages/publications/85185227674?origin=resultslist	Tripathi R.K., School of Mechanical Engineering, Dev Bhoomi Uttarakhand University, Dehradun, India; Rana K., Invertis University, Department of Computer Applications, Bareilly, India; Yadav K., School of Medical & Allied Sciences, K. R. Mangalam University, Gurugram, India; Yuvaraj K., Karpagam Academy of Higher Education, Department of Computer Science, Coimbatore, India; Premananthan G., Karpagam College of Engineering, Department of Electronics and Communication Engineering, Coimbatore, India; Deshmukh V., Vishwakarma Institute of Information Technology, Electrical Engineering, Pune, India	979-835030448-0	Conference paper

90	Yadav, Muskan (59270684400); Vyas, Bhavesh (57191857983); Pathak, Paresh (58637579300); Bhatt, Rahul (57136325800); Pareek, Vaidehi (58637397800); Dhabliya, Ritika (57216437768)	Improving Smart Grid Cybersecurity by Addressing the Risk of Incorrect Data Injection	2023	0	2.27	0	Goal 7	0	10.1109/ICDSNS58469.2023.10245727	https://www.scopus.com/pages/publications/85173616774?origin=resultslist	Yadav M., Invertis University, Department of Law, Uttar Pradesh, Bareilly, India; Vyas B., School of Engineering and Technology, K. R. Mangalam University, Department of Electrical and Electronics Engineering, Haryana, Gurugram, India; Pathak P., School of Computer Science and Applications, Iimt University, Meerut, India; Bhatt R., School of Engineering and Computer, Dev Bhoomi Uttarakhand University, Uttarakhand, India; Pareek V., Symbiosis Law School, Nagpur Campus, Symbiosis International (Deemed University), Pune, India; Dhabliya R., Yashika Journal Publications Private Limited, India	979-835030159-5	Conference paper
91	Suneeta, K. (58919558300); Verma, Preeti (58593164800); Tripathi, Pankaj (57203075098); Sivasangari, A. (56622983700); Kumar, Pawan (57191835446); Ammisetty, Veeraswamy (57218450036)	Intelligent Distributed Grid's Reactive Overcurrent, or over Prevention: Computer Intelligence in Power Grid	2023	0	3.58	0	Goal 7	0	10.1109/ICCSAI59793.2023.10421305	https://www.scopus.com/pages/publications/85186656210?origin=resultslist	Suneeta K., Pallavi Engineering College, Department of Eee, Kuntloor, Hyderabad, India; Verma P., School of Electronic and Electrical Engineering, Uttarakhand University, Uttarakhand, India; Tripathi P., Invertis University, Department of Electrical Engineering, Uttar Pradesh, Bareilly, India; Sivasangari A., Sathyabama Institute of Science and Technology, Tamil Nadu, Chennai, India; Kumar P., School of Basic & Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Ammisetty V., Koneru Lakshmaiah Education Foundation, Department of Computer Science & Engineering, Vaddeswaram, India	979-835036996-0	Conference paper
92	Goswami, Shubhashis (57727064300); Kumar, Kaushal (36948986200); Kumar, Santosh (57218172631); Anandhasilambarasan, D. (58237139500); Kannimuthu, S. (37114593300); Kolekar, V.K. (57190344058)	Performance Boosting of Automatic Sun Following Panels Using Soft Computing Technique	2023	0	2.76	0	Goal 7	0	10.1109/IC3I59117.2023.10397689	https://www.scopus.com/pages/publications/85185227422?origin=resultslist	Goswami S., School of Engineering and Computer, Dev Bhoomi Uttarakhand University, Uttarakhand, India; Kumar K., School of Engineering & Technology, K. R. Mangalam University, Department of Mechanical Engineering, Gurugram, India; Kumar S., Invertis University, Department of Computer Applications, Bareilly, India; Anandhasilambarasan D., Karpagam Academy of Higher Education, Department of Computer Science Engineering, Coimbatore, India; Kannimuthu S., Karpagam College of Engineering, Department of Information Technology, Coimbatore, India; Kolekar V.K., Vishwakarma Institute of Information Technology, Computer Engineering, Pune, India	979-835030448-0	Conference paper
93	Mohan, Chandra (57191527445); Robinson, Jenifer (58342953500); Vodwal, Lata (57221697560); Kumari, Neeraj (57562251100)	Sustainable Development Goals for addressing environmental challenges	2023	29.17	1.34	0	Goal 7	59	10.1016/B978-0-443-18959-3.00007-0	https://www.scopus.com/pages/publications/85176826310?origin=resultslist	Mohan C., Department of Chemistry, School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Robinson J., Department of Science and French, Indian School Al Wadi Al Kabir, Muscat, Oman; Vodwal L., Department of Chemistry, Maitreyi College, New Delhi, India; Kumari N., Department of Chemistry, School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India	978-044318959-3; 978-044318960-9	Book chapter
94	Vyas, Bhavesh (57191857983); Vyas, Jayesh (59434904200); Dahiya, Vineet (57226709153); Acharya, Puja (57226339323)	Nanomaterials Applicability in Blended Perovskite Solar Cells: To commercialize Lead-free Content, Including Easy End of life Management in Solar Infrastructure	2023	0	1.49	0	Goal 7	0	10.2174/9789815136623123010015	https://www.scopus.com/pages/publications/85208314443?origin=resultslist	Vyas B., Department of EEE & ECE, K.R. Mangalam University, Haryana, Gurgaon, India; Vyas J., Department of Mechanical & Chemical Engineering, Indian Institute of Technology, Jammu, India; Dahiya V., Department of EEE & ECE, K.R. Mangalam University, Haryana, Gurgaon, India; Acharya P., Department of EEE & ECE, K.R. Mangalam University, Haryana, Gurgaon, India	978-981513662-3; 978-981513663-0	Book chapter
95	Verma, Sanjeev Kumar (57297284400); Singh, Digvijay (57207151107); Raghav, Yogita Yashveer (57216704175); Hemelatha, S. (59899577800); Kannimuthu, S. (37114593300); Banchhor, Chitrakanto. (57194220419)	Collaborative MAC Protocol Design for Enhanced Network Lifetime in Mobile Ad Hoc Networks	2023	0.72	2.76	0	Goal 7	3	10.1109/IC3I59117.2023.10397708	https://www.scopus.com/pages/publications/85185228299?origin=resultslist	Verma S.K., Invertis University, Department of Applied Sciences, Bareilly, India; Singh D., School of Engineering and Computer, Dev Bhoomi Uttarakhand University, Uttarakhand, India; Raghav Y.Y., K. R. Mangalam University, Department of Computer Science & Engineering, Gurugram, India; Hemelatha S., Karpagam College of Engineering, Department of Computer Science Engineering, Coimbatore, India; Kannimuthu S., Karpagam College of Engineering, Department of Information Technology, Coimbatore, India; Banchhor C.O., Vishwakarma Institute of Information Technology, Pune, India	979-835030448-0	Conference paper
96	Verma, Preeti (58593164800); Gangwar, Arun (58890343300); Singh, Bharat (57214772297); Singh, Shubhendra Pratap (57214304786); Vats, Pooja (57224732803); Ganesh, Reddy (57469549100)	Developing a Robotic Solar-Powered Fire Detection and Avoidance System With Machine Learning-Based Sensing	2023	0.28	3.58	0	Goal 7	1	10.1109/ICCSAI59793.2023.10420914	https://www.scopus.com/pages/publications/85186677429?origin=resultslist	Verma P., School of Electronic and Electrical Engineering, Dev Bhoomi Uttarakhand University, Uttarakhand, 248007, India; Gangwar A., Invertis University, Department of Electrical Engineering, Uttar Pradesh, Bareilly, 243123, India; Singh B., School of Computer Science and Applications, Iimt University, Meerut, India; Singh S.P., Tmu, Department of Ee, Moradabad, India; Vats P., School of Basic & Applied Sciences, K. R. Mangalam University, Department of Mathematics, Haryana, Gurugram, 122103, India; Ganesh R., UTAS-IBRI, Engineering Department, Oman	979-835036996-0	Conference paper
97	Raj, Akshay (57872446900); Belwal, Pravesh (57197727310); Jindal, Ruby (55639677100); Vijayalakshmi, V.J. (57212809314); Gopinath, S. (36198295200); Ambhore, Vishal B. (56081018400)	Impact of Lower Temperature on Polypropylene Electric Treeing with Repeated Pulsed Voltage	2023	0	2.76	0	Goal 7	0	10.1109/IC3I59117.2023.10397773	https://www.scopus.com/pages/publications/85185228393?origin=resultslist	Raj A., School of Engineering and Technology, IIMT University, Uttar Pradesh, Meerut, India; Belwal P., Dev Bhoomi Uttarakhand University, Electronics and Communications Engineering, Uttarakhand, India; Jindal R., School of Basic & Applied Sciences, Department of Physics, K R Mangalam University, Haryana, Gurugram, India; Vijayalakshmi V.J., Karpagam Academy of Higher Education, Department of Electrical and Electronics Engineering, Coimbatore, India; Gopinath S., Karpagam Institute of Technology, Department of Electronics and Communication Engineering, Coimbatore, India; Ambhore V.B., Vishwakarma Institute of Information Technology, E&TC, Maharashtra, Pune, India	979-835030448-0	Conference paper
98	Mohan, Chandra (57191527445); Sharma, Barkha (59180075200); Rawat, Amit Kumar (59180026700); Chinglenthoiba, Chingakham (57205761928)	Sustainable harvesting: Weed waste management for environmental preservation and economic growth	2024	0	0.7	0	Goal 7	0	10.4018/979-8-3693-4264-0.ch005	https://www.scopus.com/pages/publications/85196443042?origin=resultslist	Mohan C., K.R. Mangalam University, Gurugram, India; Sharma B., K.R. Mangalam University, Gurugram, India; Rawat A.K., Hansraj College, India; Chinglenthoiba C., Chitkara University, India	979-836934265-7; 979-836934264-0	Book chapter
99	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 7	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

100	Bhakhar, Ruchika (59275506200); Chhillar, Rajender Singh (39261151400); Goyal, Archna (59250555200)	A Hybrid Approach of BBO and PSO for Resource Management in Fog Computing	2024	0	0.98	0	Goal 7	1	10.1109/SMART63812.2024.10882475	https://www.scopus.com/pages/publications/105000006998?origin=resultslist	Bhakhar R., Maharshi Dayanand University, Department of Computer Science and Applications, Haryana, Rohtak, India; Chhillar R.S., Maharshi Dayanand University, Department of Computer Science and Applications, Haryana, Rohtak, India; Goyal A., School of Engineering and Technology, K.R. Mangalam University, Sohna Rural, Gurugram, India	979-835038058-3	Conference paper
101	Dahiya, Vineet (57226709153)	DFIG based wind energy conversion using direct matrix converter	2024	1.27	0.78	0	Goal 7	2	10.1002/9781119792918.ch19	https://www.scopus.com/pages/publications/85164847952?origin=resultslist	Dahiya V., K R Mangalam University, Gurugram, India	978-111979291-8; 978-111979191-1	Book chapter
102	Chauhan, Neetu (57198218245); Bansal, Shweta (55764352800); Malik, Meenakshi (57297884300)	A Comparative Analysis for Short and Long-Term Time Series for Energy Consumption Predictions	2024	0	0.82	0	Goal 7	1	10.1109/ICCICA60014.2024.10584996	https://www.scopus.com/pages/publications/85199135773?origin=resultslist	Chauhan N., K.R. Mangalam University, School Of Engineering And Technology, Gurugram, India; Bansal S., K.R. Mangalam University, School Of Engineering And Technology, Haryana, Gurugram, India; Malik M., Bml Munjal University, School Of Engineering And Technology, Gurugram, India	979-835030644-6	Conference paper
103	Raghav, Yogita Yashveer (57216704175); Pandey, Pallavi (57200524676)	Adoption of green cloud computing for environmental sustainability: An analysis	2024	18.18	0.77	0	Goal 7	17	10.4018/979-8-3693-0338-2.ch008	https://www.scopus.com/pages/publications/85192121725?origin=resultslist	Raghav Y.Y., Dronacharya College of Engineering, Gurugram, India; Pandey P., K.R. Mangalam University, India	979-836930340-5; 979-836930338-2	Book chapter
104	Kashyap, Preety Kumari (57736661900); Kandkuri, Dhana Sai Shree (58906475600); Jogender (57216949571); Yadav, Komal (57221552713); Devi, Nirmla (57209067520); Kumar, Anoop (57211377560); Chatra, Rajesh Kumar (59501435200); Singh, Khushwant (59501263800)	Advances in sulfur-doped nanomaterials for environmental remediation	2024	0	0.44	0	Goal 7	1	10.1016/B978-0-443-13464-7.00007-4	https://www.scopus.com/pages/publications/85214144993?origin=resultslist	Kashyap P.K., Amity Institute of Applied Sciences, Amity University, Uttar Pradesh, Noida, India; Kandkuri D.S.S., Amity Institute of Applied Sciences, Amity University, Uttar Pradesh, Noida, India; Jogender, Pradhanmantri College of Excellence Shyamlal Pandviya Government Post Graduate College, Madhya Pradesh, Gwalior, India; Yadav K., Forensic Science, KR Mangalam University, Haryana, Gurgaon, India; Devi N., Chemistry Department, Suraj PG Degree College, Haryana, Gurgaon, India; Kumar A., Department of Chemistry, University of Delhi, Delhi, New Delhi, India; Chatra R.K., Department of Chemistry, Shrimant Madhavrao Scindia Govt. Model Science College, Madhya Pradesh, Gwalior, India; Singh K., Pradhanmantri College of Excellence Shyamlal Pandviya Government Post Graduate College, Madhya Pradesh, Gwalior, India	978-044313464-7; 978-044313465-4	Book chapter
105	Kamboj, Neha (57880635500); Choudhary, Vinita (58335911000); Trivedi, Sonal (57226676130)	Life cycle analysis of electric vehicles	2024	1.3	0.77	0	Goal 7	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
106	Mohan, Chetan (59416480500); Sharma, Kaveri (59416487300)	Climate disasters: Causes, effects and prevention	2024	0	0.59	0	Goal 7	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
107	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 7	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
108	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 7	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
109	Asthana, Ashok (57234834000); Srivastava, Swati (58700470200)	Energy pattern during unforeseen spells of COVID-19	2024	0	0.77	0	Goal 7	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
110	Liu, Yu (60149314300); Isleem, Haytham F. (57197713101); Tipu, Rupesh Kumar (57761722500); El Hindi, Khalil (8361746000)	A hybrid deep learning and evolutionary framework for energy-aware interior augmentation via photorealistic visual illusions	2025	0	0	0	Goal 7	0	10.1016/j.engappai.2025.112743	https://www.scopus.com/pages/publications/105019314565?origin=resultslist	Liu Y., Art and Design Department, Shanxi Railway Vocational and Technical College, Shanxi Province, 030013, China; Isleem H.F., School of Intelligent Construction, Qingdao Hengxing University of Science and Technology, No. 588 Jiushui East Rd., Qingdao, Shandong, 266100, China; Tipu R.K., Department of Civil Engineering, School of Engineering & Technology, K.R. Mangalam University, Gurugram, 122103, India; El Hindi K., Department of Computer Science, College of Computer & Information Sciences, King Saud University, Riyadh, 11543, Saudi Arabia		Article

111	Singla, Manish Kumar (57208304510); Aljaidi, Mohammad (57203092682); Gupta, Jyoti (57208304758); Jangir, Pradeep (56857572500); Arpita (59394316000); Kumar, Ramesh (57216257314); Jangid, Reena (59681415200); El-Kenawy, El-Sayed M. (60935814400); Alharbi, Amal H. (57695465800)	Enhanced mathematical modeling of PEM fuel cells using the starfish optimization algorithm	2025	0	0	0	Goal 7	6	10.1007/s11581-025-06790-4	https://www.scopus.com/pages/publications/105020055711?origin=resultslist	Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India, Jadara University Research Center, Jadara University, Irbid, Jordan; Aljaidi M., Department of Computer Science, Faculty of Information Technology, Zarqa University, Zarqa, 13110, Jordan; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Jangir P., Department of Electronics and Communication Engineering, Chandigarh University, Punjab, Mohali, 140301, India, Applied Science Research Centre, Applied Science Private University, Amman, 11937, Jordan; Arpita, Sharda School of Engineering & Sciences, Sharda University, Uttar Pradesh, Greater Noida, 201310, India, Department of Electrical and Electronics Engineering, J.J. College of Engineering and Technology, Tiruchirappalli, India; Kumar R., Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, 140401, India, Department of Research, Manipal University Jaipur, Rajasthan, Jaipur, India; Jangid R., Department of CSE, Graphic Era Hill University, Uttarakhand, Dehradun, 248002, India, Department of CSE, Graphic Era Deemed To Be University, Uttarakhand, Dehradun, 248002, India; El-Kenawy E.-S.M., Delta Higher Institute of Engineering and Technology Department for Communications and Electronics Mansoura, Mansoura, 35511, Egypt; Alharbi A.H., Department of Computer Sciences, College of Computer and Information Sciences, Princess Nourah bint Abdulrahman University, P.O Box 84428, Riyadh, 11671, Saudi Arabia		Article
112	Mishra, Amit Kumar (57200658541); Verma, Lucky (59259237000); Rani, Meena (60686753500); Yusupov, Gulboy (60252203400); Allaberganova, Muyassar (57462921000); Ibragimovich, Abdikarimov Islombek (59500648300)	Enhancing IoT Cluster Reliability Using Energy-Efficient Cold-Standby Redundancy	2025	0	0	0	Goal 7	0	10.1109/RCSM67767.2025.11507888	https://www.scopus.com/pages/publications/105041475433?origin=resultslist	Mishra A.K., Graphic Era Hill University, Dept. of Computer Science & Engineering, Uttarakhand, Dehradun, India; Verma L., K.R. Mangalam University, Centre of Excellence Cloud Computing, School of Engineering & Technology, Haryana, Gurugram, India; Rani M., Shri Ram College of Engineering and Management, Department of Computer Science and Engineering, Haryana, Palwal, India; Yusupov G., Termez University of Economics and Service, Department Accounting and Statistics, Termez, Uzbekistan; Allaberganova M., Urgench State University, Department of Data Transmission Networks and Systems, Urgench, Uzbekistan; Ibragimovich A.I., Mamun University, Department of Regional Economy, Khiva, Uzbekistan	979-833159126-7	Conference paper
113	Bansal, Shweta (55764352800); Manohar, Murli (55183579300); Rani, R. P. Shanthi (60771830300); Niharika, D. Sai (60112349400); Rana, Nisha (60772210100); Babaiah, Ch. (58209852200)	Optimized Routing with Local Monitoring and Planning Manager in Ecological Wireless Sensor Networks	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608558	https://www.scopus.com/pages/publications/105046409707?origin=resultslist	Bansal S., K R Mangalam University, School of Engineering and Technology, Gurugram, India; Manohar M., Ies College of Technology, Department of Electronics & Communication Engineering, Madhya Pradesh, Bhopal, India; Rani R.P.S., Cmr Engineering College, Hyderabad, India; Niharika D.S., Griet, Dept. of Data Science, Telangana, Hyderabad, India; Rana N., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Babaiah Ch., Mlr Institute of Tenchnology, Department of Elelctonics and Communication Engineering, Telangana, Hyderabad, India	979-833155644-0	Conference paper
114	Bansal, Shweta (55764352800); Rahi, Pankaj (57216645729); Nagesh, D. (58928696100); Islam, Merajul (60609004900); Upadhyay, Aakanksha (60609603500); Naveen Kumar, S. (60609478300)	Efficient Fog-Cloud Computing Networks: Task Placement and Binary Offloading Optimization	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439264	https://www.scopus.com/pages/publications/105037467648?origin=resultslist	Bansal S., School of Engineering and Technology, K R Mangalam University, Gurugram, India; Rahi P., Centre for Promotion of Research, Graphic Era Deemed University, Uttarakhand, Dehradun, India; Nagesh D., Computer Science and Engineering, CMR Engineering College, Hyderabad, India; Islam M., North East Frontier Technical University (NEFTU), Department of ME, Arunachal Pradesh, Aalo, India; Upadhyay A., Gyan Ganga Institute of Technology and Sciences, Department of EX, Jabalpur, India; Naveen Kumar S., MLR Institute of Tenchnology, Department of Elelctonics and Communication Engineering, Telangana, Hyderabad, India	979-833155787-4	Conference paper
115	Purushotham, K. (59378403500); Meenu (59669558900); Karki, Amish (60508265900); Rai, Avinash Kumar (59940846300); Sharma, Ritu (57703632700); Doohan, Nitika Vats (50861152000)	Innovating Green and Sustainable Computing Strategies for Optimized Energy Utilization and Ecological Operations in Smart Urban Computing Environments	2025	0	0	0	Goal 7	0	10.1109/RCSM67767.2025.11506774	https://www.scopus.com/pages/publications/105041473374?origin=resultslist	Purushotham K., MLR Institute of Tenchnology, Department of Elelctonics and Communication Engineering, Telangana, Hyderabad, India; Meenu, K R Mangalam University, School of Engineering and Technology, Gurugram, India; Karki A., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Rai A.K., IES College of Technology, Department of Electrical & Electronics Engineering, Madhya Pradesh, Bhopal, 462044, India; Sharma R., Gyan Ganga Institute of Technology and Sciences, Department of EEE, Jabalpur, India; Doohan N.V., SAGE University, Indore, India	979-833159126-7	Conference paper
116	Dwivedi, Pulkit (57209515156); Kajal, Mansi (57969395300)	Energy-aware and dynamic training of deep neural networks (EADTrain) for sustainable AI	2025	0	0	0	Goal 7	5	10.1016/j.jvcir.2025.104582	https://www.scopus.com/pages/publications/105016098936?origin=resultslist	Dwivedi P., School of Computer Science Engineering & Technology, Bennett University, Greater Noida, India; Kajal M., K.R. Mangalam University, Gurgaon, India		Article
117	Arora, Rishabh (57218384388); Yadav, Hariram Prasad (59903636600); Kumar, Kaushal (36948986200); Dixit, Saurav (57194779967); Prawar (59137495900); Koul, Padmani (59903418700); Rishi (58120173800); Jakhar, Rohit (59366794400); Yadav, Khushwant (59903693300); Singh, Chintan (57205656186)	Efficient Eco-Design Integrating Green Materials in Concrete for Sustainability	2025	0	0.98	0	Goal 7	0	10.37394/232015.2025.21.29	https://www.scopus.com/pages/publications/105005508264?origin=resultslist	Arora R., Department of Civil Engineering, Amity School of Engineering and Technology, Amity University, Haryana, Gurugram, 122413, India; Yadav H.P., Department of Civil Engineering, Amity School of Engineering and Technology, Amity University, Haryana, Gurugram, 122413, India; Kumar K., School of Engineering and Technology, K. R. Mangalam University, Gurugram, Haryana, 122103, India; Dixit S., Khalifa University of Science and Technology, Abu Dhabi, United Arab Emirates; Prawar, School of Engineering and Technology, K. R. Mangalam University, Gurugram, Haryana, 122103, India; Koul P., School of Engineering and Technology, K. R. Mangalam University, Gurugram, Haryana, 122103, India; Rishi, Maharishi Markandeshwaar University, Ambala, Haryana, Mullana, 133203, India; Jakhar R., Department of Civil Engineering, Amity School of Engineering and Technology, Amity University, Haryana, Gurugram, 122413, India; Yadav K., Department of Civil Engineering, Amity School of Engineering and Technology, Amity University, Haryana, Gurugram, 122413, India; Singh C., Amity Institute of Forensic Sciences, Amity University, Sector 125, U.P, Noida, 201313, India		Article

118	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Kumar, Ramesh (57216257314); Jangir, Pradeep (56857572500); Louzazni, Mohamed (56242405300); Giri, Nimay Chandra (57726754000); Al-Gburi, Ahmed Jamal Abdullah (57195478776); El-Kenawy, E. I.-Sayed M. (60935814400); Alharbi, Amal H. (57695465800)	Enhancing Solid Oxide Fuel Cell Efficiency Through Advanced Model Identification Using Differential Evolutionary Mutation Fennec Fox Algorithm	2025	1.68	0.6	0	Goal 7	8	10.1007/s44196-025-00759-x	https://www.scopus.com/pages/publications/85218460823?origin=resultslist	Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Tamil Nadu, Chennai, 602105, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Kumar R., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, India, Jadara University Research Center, Jadara University, Irbid, Jordan; Jangir P., University Centre for Research and Development, Chandigarh University, Mohali, Gharuan, 140413, India, Department of CSE, Graphic Era Hill University. Graphic Era Deemed to be University, Uttarakhand, Dehradun, 248002, India, Innovation Center for Artificial Intelligence Applications, Yuan Ze University, Taoyuan City, Taiwan; Louzazni M., Science Engineer Laboratory for Energy, National School of Applied Sciences, Chouaib Doukkali University of El Jadida, El Jadida, Morocco; Giri N.C., Department of Electronics and Communication Engineering, Centurion University of Technology and Management, Odisha, Jatni, 752050, India; Al-Gburi A.J.A., Center for Telecommunication Research and Innovation (CeTRI), Fakulti Teknologi Dan Kejuruteraan Elektronik Dan Komputer, Jalan Hang Tuah Jaya, Melaka, Durian Tunggal, 76100, Malaysia, Universiti Teknikal Malaysia Melaka, Malacca, Malaysia; El-Kenawy E.I.-S.M., School of ICT, Faculty of Engineering, Design and Information and Communication Technology (EDICT), Bahrain Polytechnic, PO Box 33349, Isa Town, Bahrain; Alharbi A.H., Department of Computer Sciences, College of Computer and Information Sciences, Princess Nourah Bint Abdulrahman University, P.O Box 84428, Riyadh, 11671, Saudi Arabia		Article
119	Negi, Akashdeep (57422508700); Ranakoti, Lalit (57209850819); Mishra, Sandip Kumar (57414861900); Verma, Rajesh Prasad (57069494100); Kumar, Vineet (7404634379); Mandal, Adhirath (57204586092); Bhandari, Prabhakar (57189488377); Uniyal, Arun (57739732700); Zainith, Prabhakar (57215009840)	Exploring potential of paraffin wax: A phase change material for improving yield of solar still	2025	0	0	0	Goal 7	0	10.24425/ather.2025.156582	https://www.scopus.com/pages/publications/105020033110?origin=resultslist	Negi A., Department of Mechanical Engineering, Graphic Era Deemed to be University, Dehradun, 248002, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to be University, Dehradun, 248002, India; Mishra S.K., Mechanical Engineering Department, Bundelkhand University, Uttar Pradesh, Jhansi, 284128, India; Verma R.P., GL Bajaj Institute of Technology and Management, Uttar Pradesh, Greater Noida, 201306, India; Kumar V., Department of Mechanical Engineering, Graphic Era Deemed to be University, Dehradun, 248002, India; Mandal A., Department of Mechanical Engineering & Design, Jaypee Institute of Information Technology, Uttar Pradesh, Noida, 201309, India; Bhandari P., Mechanical Engineering Department, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Uniyal A., Department of Mechanical Engineering, COER University, Uttarakhand, Roorkee, 247667, India; Zainith P., Department of Mechanical Engineering, Shivalik College of Engineering, Uttarakhand, Dehradun, 248197, India		Article
120	Bhandari, Prabhakar (57189488377); Yadav, Nitish (57193730953); Padalia, Diwakar (54793429700); Ranakoti, Lalit (57209850819); Alam, Tabish (55856798800); Haque Siddiqui, Md Irfanul (59960987500); Ashraf, Intesaaf (57191621759)	Thermo-physical properties evaluation of commercially available phase change material and engine oil	2025	0	0.81	0	Goal 7	7	10.1016/j.csite.2025.106357	https://www.scopus.com/pages/publications/105008969717?origin=resultslist	Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Yadav N., Department of Physics, School of Basic and Applied Science, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Padalia D., Department of Physics, School of Basic and Applied Science, K. R. Mangalam University, Haryana, Gurugram, 122103, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to Be University, Uttarakhand, Dehradun, 248002, India; Alam T., CSIR-Central Building Research Institute, Uttarakhand, Roorkee, 247667, India; Haque Siddiqui M.I., Department of Mechanical Engineering, College of Engineering, King Saud University, Riyadh, 12372, Saudi Arabia; Ashraf I., Mechanical Engineering Department, UCL, London, WC1E, United Kingdom		Article
121	Anand, Sami (55560378100); Ikram, Mohsin (57193932968); Saluja, Anshul (57686372700); Aysola, Sai Chander (59466807600); Bobba, Phaneendra Babbu (37032665900)	Parametric Optimization for Solar Panel Efficiency in NCR Region: A Detailed Analysis with Experimental Data	2025	0	0.05	0	Goal 7	0	10.1063/5.0262872	https://www.scopus.com/pages/publications/105003878465?origin=resultslist	Anand S., Lovely Professional University, Punjab, Phagwara, India; Ikram M., Uttaranchal University, Uttarakhand, Dehradun, India; Saluja A., K R Mangalam University, Sohna, Haryana, Gurugram, India; Aysola S.C., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Bobba P.B., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
122	Pacha, Swathi (60608934600); Meenu (59669558900); Ranjan, Prem (60609061700); Dubey, Amit Kumar (60608934700); Sharma, Vishwa Nath (60608805100); Sharma, Ritu (57703632700)	Intelligent AI-Based Service Provisioning and Task Offloading for Fog-Cloud Environment	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439712	https://www.scopus.com/pages/publications/105037463850?origin=resultslist	Pacha S., MLR, Institute of Technology, Department of CSE-AIML, Telangana, Hyderabad, India; Meenu, School of Engineering and Technology, K R Mangalam University, Gurugram, India; Ranjan P., Centre for Promotion of Research, Graphic Era Deemed University, Uttarakhand, Dehradun, India; Dubey A.K., Shekhawati Institute of Engineering and Technology, Department of Me, Rajasthan, India; Sharma V.N., North East Frontier Technical University (NEFTU), Department of ME, Arunachal Pradesh, Aalo, India; Sharma R., Gyan Ganga Institute of Technology and Sciences, Department of EX, Jabalpur, India	979-833155787-4	Conference paper
123	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 7	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

124	Singh, Harvinder (55627877769); Bhowmik, Abhijit (57202983484); Singh, Bharat (57214772297); Kumar, Nitin (59901888000); Khanna, Virat (57221644571); Kumar, Kaushal (36948986200); Saini, Gaurav (57218706076); Shah, Mohd Asif (58090397100)	Enhancing abrasive wear resistance of IS-2062 steel in hydroturbine applications with WC-12 Co and WC-10 Co-4 Cr HVOF coatings	2025	1.28	0.78	0	Goal 7	9	10.1038/s41598-025-02826-x	https://www.scopus.com/pages/publications/105005461056?origin=resultslist	Singh H., Chandigarh Group of Colleges, Punjab, Landran, Mohali, 140307, India; Bhowmik A., Department of Additive Manufacturing, Mechanical Engineering, SIMATS, Saveetha Insitiute of Medical and Technical Sciences, Thandalam, Chennai, 602105, India, Divison of Research and Development, Lovely Professional University, Phagwara, Punjab, India; Singh B., Department of Mechanical Engineering, GLA University, UP, Mathura, 281406, India; Kumar N., Department of Mechanical Engineering, Graphic Era University, Clement Town, Dehradun, 248002, India, Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, 140401, India; Khanna V., University Centre for Research and Development, Chandigarh University, Punjab, Mohali, 140413, India; Kumar K., Department of Mechanical Engineering, KR Mangalam University, Gurugram, 122103, India; Saini G., Department of Mechanical Engineering, UIET, Panjab University SSG Regional Centre, Punjab, Hoshiarpur, 146023, India; Shah M.A., University Centre for Research and Development, Chandigarh University, Punjab, Mohali, 140413, India, Department of Economics, Kardan University, Kabul, 1001, Afghanistan		Article
125	Dimlo, U M Fernandes (55560478600); Meenu (59669558900); Varma, Pankaj (59504422200); Bhatt, Nirav (57211666152); Ravi, Navyatha (59491193000); Tiwari, Rajesh (57724377400)	Secured Data Transmission in WSN Using Hybrid Pareto Optimality-Based Lion Swarm Optimization and AES Algorithm	2025	0	0	0	Goal 7	0	10.1109/WorldSUAS66815.2025.11199142	https://www.scopus.com/pages/publications/105022302409?origin=resultslist	Dimlo U.M.F., Sreyas Institute of Engineering and Technology, Dept. of CSE, Telangana, India; Meenu, K R Mangalam University, School of Engineering and Technology, Gurugram, India; Varma P., IES College of Technology, Department of Computer Science & Engineering, Madhya Pradesh, Bhopal, 462044, India; Bhatt N., RK University, GJ, Rajkot, India; Ravi N., MLR Institute of Technology, CSE(Data Science), Hyderabad, India; Tiwari R., CMR Engineering College, Computer Science and Engineering, Hyderabad, India	979-833153925-2	Conference paper
126	Alam, Noor (57195944370); Yousufuddin, Syed (24067908700); Bellary, Sayed Ahmed Imran (56078600300); Warimani, Mahammadsalman (57209503357); Hasan, Zahir (57213970870); Yadav, Surendra Kumar (57218368941)	Experimental assessment of performance characteristics and emission reduction using different blended biodiesel	2025	0	0	0	Goal 7	3	10.1177/09544062251352399	https://www.scopus.com/pages/publications/105012770431?origin=resultslist	Alam N., Department of Mechanical Precision Engineering, Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia; Yousufuddin S., Department of Mechanical Engineering, Jubail Industrial College, Jubail Industrial City, Saudi Arabia; Bellary S.A.I., Department of Space Engineering, Ajeenkya DY Patil University Lohegaon Pune, Maharashtra, India; Warimani M., Department of Mechanical Engineering, P.A. College of Engineering, Affiliated VTU, Belagavi, Karnataka, Mangalore, India; Hasan Z., Department of Mechanical Engineering, Ghousia College of Engineering, Karnataka, Ramanagara, India; Yadav S.K., Department of Mechanical Engineering, K. R. Mangalam University, Gurugram, India		Article
127	Anshu (60687111500); Mishra, Ajit Kumar (58559736600); Sruthi, P. (55418866700); Geetha, Y. (58308785000); Bachheti, Kulbhushan (60772251400); Roy, Lipika (58966885300)	Optimized Resource Allocation for Profit Maximization in Vehicular Fog and Edge Computing Systems	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608804	https://www.scopus.com/pages/publications/105046425895?origin=resultslist	Anshu, K R Mangalam University, School of Engineering and Technology, Gurugram, India; Mishra A.K., Ies College of Technology, Department of Electrical & Electronics Engineering, Bhopal, India; Sruthi P., Griet, Department of Data Science, Telangana, India; Geetha Y., Mlr Institute of Technology, Department of Electronics and Communication Engineering, Telangana, India; Bachheti K., Graphic Era Deemed University, Centre for Promotion of Research, Dehradun, India; Roy L., Gyan Ganga Institute of Technology and Sciences, Jabalpur, India	979-833155644-0	Conference paper
128	Singla, Manish Kumar (57208304510); Muhammed Ali, S.A. (53980163700); Gupta, Jyoti (57208304758); Jangir, Pradeep (56857572500); Arpita (59394316000); Kumar, Ramesh (57216257314); Jangid, Reena (59681415200); Khishe, Mohammad (57192100593)	Seven-parameter PEMFC model optimization using an battlefield optimization algorithm	2025	0	0	0	Goal 7	14	10.1016/j.elecom.2025.108033	https://www.scopus.com/pages/publications/105013738546?origin=resultslist	Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India, Jadara University Research Center, Jadara University, PO Box 733, Irbid, Jordan; Muhammed Ali S.A., Fuel Cell Institute, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Jangir P., Department of Electronics and Communication Engineering, Chandigarh University, Mohali, 140413, India, Innovation Center for Artificial Intelligence Applications, Yuan Ze University, Taoyuan, 320315, Taiwan; Arpita, Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India; Kumar R., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Jangid R., Department of CSE, Graphic Era Hill University, Uttarakhand, Dehradun, 248002, India, Department of CSE, Graphic Era Deemed To Be University, Uttarakhand, Dehradun, 248002, India; Khishe M., Applied Science Research Centre, Applied Science Private University, Amman, 11937, Jordan, Department of Electrical Engineering, Imam Khomeini Naval Science University of Nowshahr, Nowshahr, Iran		Article
129	Anshu (57226712535); Khanduri, Priya (57213602157); Kanwar, Monika (60111115900); Chandan, Guddakesh Kr. (60609142800); Rai, Kailash (60609325800); Shakina, S.M. (60609579800)	A Hybrid LEACH and RSSI-LEACH Algorithm for Energy Efficient Cluster-Based Routing in WSN	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439309	https://www.scopus.com/pages/publications/105037466540?origin=resultslist	Anshu, School of Engineering and Technology, K R Mangalam University, Gurugram, India; Khanduri P., Centre for Promotion of Research, Graphic Era Deemed University, Uttarakhand, Dehradun, India; Kanwar M., Shekhawati Institute of Engineering and Technology, Department of Science & Humanity, Rajasthan, India; Chandan G.K., North East Frontier Technical University (NEFTU), Department of ME, Arunachal Pradesh, Aalo, India; Rai K., Gyan Ganga Institute of Technology and Sciences, Department of ME, Jabalpur, India; Shakina S.M., MLR Institute of Technology, Department of Data Science, Department of CSE -Data Science, Telangana, Hyderabad, India	979-833155787-4	Conference paper
130	Kumar, Virendra (57197697420); Singh, Nishant Kumar (57193094947); Pal, Dan Bhadur (60071687700); Yadav, Surendra Kumar (57218368941)	Sustainable management of solar PV panel waste: A Circular approach to solar PV waste	2025	0	0	0	Goal 7	1		https://www.scopus.com/pages/publications/105014312110?origin=resultslist	Kumar V., Department of Mechanical Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur, India; Singh N.K., Harcourt Butler Technical University, Kanpur, India; Pal D.B., Department of Chemical Engineering, Harcourt Butler Technical University, Kanpur, India; Yadav S.K., Department of Mechanical Engineering, K R Mangalam University, Gurugram, India	978-874380084-2; 978-874380085-9	Book

131	Niharika, D. Sai (60112349400); Anshu (60687111500); Pastariya, Rishab (58893763200); Babu, Kadiyam Shyam (60692349200); Kaushik, G. (58209996600); Agarwal, Vikas (60772647300)	Secure Cross Layer Energy Efficient Routing with ES AOMDV for Wireless Sensor and Ad Hoc Networks	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608406	https://www.scopus.com/pages/publications/105046376834?origin=resultslist	Niharika D.S., Griet, Dept. of Data Science, Telangana, India; Anshu, K R Mangalam University, School of Engineering and Technology, Gurugram, India; Pastariya R., Ies College of Technology, Department of Computer Science & Engineering, Bhopal, India; Babu K.S., Griet, Dept. of Data Science, Telangana, India; Kaushik G., Mlr Institute of Technology, Department of Electronics and Communication Engineering, Telangana, India; Agarwal V., Graphic Era Deemed University, Centre for Promotion of Research, Dehradun, India	979-833155644-0	Conference paper
132	Thapliyal, Nitin (57556100200); Ahmad, Anzar (57214160557); Kaurav, Jyoti (59951624500); Dusmukhammedova, Nozima (60687117500); Rakhimov, Rakhimjon Rajapboyevich (60021289800); Rashid Salayevich, Karimov (60687239500)	Energy-Efficient Resource Accounting for IoT-Based AMI Using Federated Reinforcement Learning and TinyML Optimization	2025	0	0	0	Goal 7	0	10.1109/RCSM67767.2025.11507970	https://www.scopus.com/pages/publications/105041511747?origin=resultslist	Thapliyal N., Graphic Era Hill University, Dept. of Computer Science & Engineering, Uttarakhand, Dehradun, India; Ahmad A., Graphic Era Deemed to be University, Dept of Electronics & Communication Engg, Dehradun, India; Kaurav J., K.R. Mangalam University, School of Engineering & Technology, Haryana, Gurugram, India; Dusmukhammedova N., Termez University of Economics and Service, Department Accounting and Statistics, Termez, Uzbekistan; Rakhimov R.R., Urgench State University, Department of Electrical Engineering and Energy, Urgench, Uzbekistan; Rashid Salayevich K., Mamun University, Department of Accounting, Khiva, Uzbekistan	979-833159126-7	Conference paper
133	Agarwal, Pankaj (57210478198); Singh, Anil Pratap (58805722400); Saikumar, Birru (60772401900); Saxena, Rashi (56539285500); Negi, Akhil (60772402000); Maniraj, K. (60872990900)	Efficient Node Behavior Identification Using Token ID and Perceptive Transposition in WSN	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608882	https://www.scopus.com/pages/publications/105046420656?origin=resultslist	Agarwal P., K R Mangalam University, School of Engineering and Technology, Gurugrma, India; Singh A.P., Ies University, Ies Institute of Technology and Management, Department of Computer Science & Engineering, Bhopal, India; Saikumar B., Cmr Engineering College, Hyderabad, India; Saxena R., Griet, Department of Data Science, Telangana, India; Negi A., Graphic Era Deemed University, Centre for Promotion of Research, Dehradun, India; Maniraj K., Mlr Institute of Technology, Department of Electronics and Communication Engineering, Telangana, India	979-833155644-0	Conference paper
134	Singh, Rashmi (7408224487); Yadav, Nitish (57193730953); Verma, Vineet (57207960058); Yadav, Mantesh Kumari (57208557925); Kumar, Naveen (56939336400)	Design of ZnO/Si heterojunction solar cell using solar cell capacitance simulator	2025	0	0	0	Goal 7	0	10.56042/ijct.v32i4.17983	https://www.scopus.com/pages/publications/105014433950?origin=resultslist	Singh R., Department of Physics, School of Physical Sciences, Starex University, Haryana, Gurugram, 122413, India; Yadav N., Department of Physics, School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Verma V., School of Engineering and Technology, Vivekananda Institute of Professional Studies-Technical Campus, AU-Block (Outer Ring Road), Delhi, Pitampura, 110034, India; Yadav M.K., Department of Chemistry, School of Physical Sciences, Starex University, Haryana, Gurugram, 122413, India; Kumar N., Department of Physics, School of Physical Sciences, Starex University, Haryana, Gurugram, 122413, India		Article
135	Singh, Amrita (60021602200); Rana, Sarita (59958283600); Tiwari, Priyamvada (59957850700); Kaushik, Kriti (59958493700)	Intellectual property and energy efficiency in food safety: Legal protections for innovations in India	2025	0	0.09	0	Goal 7	1	10.4018/979-8-3693-8342-1.ch015	https://www.scopus.com/pages/publications/105008746615?origin=resultslist	Singh A., K.R. Mangalam University, Gurugram, India; Rana S., Acropolis Faculty of Management and Research, Indore, India; Tiwari P., Medicaps University, Indore, India; Kaushik K., G.D. Goenka University, Gurugram, India	979-836938344-5; 979-836938342-1	Book chapter
136	Singla, Manish Kumar (57208304510); Aljaidi, Mohammad (57203092682); Gupta, Jyoti (57208304758); Safaraliev, Murodbek (57208887917); Kumar, Ramesh (57216257314); Ali, Ziad M (57193602500); Alsharif, Mohammed H (55968967000); Kim, Mun-Kyeom (36679155300)	Optimizing solar cell models: a multi-objective parameter estimation algorithm for improved photovoltaic system performance	2025	3.16	0.63	0	Goal 7	4	10.1088/1402-4896/ad97ec	https://www.scopus.com/pages/publications/85218641610?origin=resultslist	Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Aljaidi M., Department of Computer Science, Zarqa University, Zarqa, 13110, Jordan; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation; Kumar R., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan, Jadara University Research Center, Jadara University, Jordan; Ali Z.M., College of Engineering at Wadi Addawaser, Prince Sattam Bin Abdulaziz University, 11991, Saudi Arabia; Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, 209 Neungdong-ro, Gwangjin-gu, Seoul, 05006, South Korea; Kim M.-K., School of Energy System Engineering, Chung-Ang University, 84 Heukseok-ro, Dongjak-gu, Seoul, 06974, South Korea		Article
137	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 7	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
138	Kaur, Namita (58675219100); Singh, M.P. (58266835900); Kumar, Kaushal (36948986200); Kamalakannan, Maithili (59760278700); Bobba, Phaneendra Babbu (37032665900)	Impact of Mining Dust on Solar Panel Efficiency: A Comparative Study with Field Data Analysis	2025	0	0.05	0	Goal 7	1	10.1063/5.0263430	https://www.scopus.com/pages/publications/105003886869?origin=resultslist	Kaur N., Lovely Professional University, Punjab, Phagwara, India; Singh M.P., Uttaranchal University, Uttarakhand, Dehradun, India; Kumar K., K R Mangalam University, Sohna, Haryana, Gurugram, India; Kamalakannan M., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Bobba P.B., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
139	Singh, Mandeep (57424582000); Sharma, Megha (57198780663); Chaudhuri, Sumita Ray (45760971100); Singh, Ajeet Pratap (60568346900); Saxena, Pranshu (55607181300); Kaur, Gaganjot (59232513600)	STO-CH: A Metaheuristic Approach for Optimal Cluster Head Selection in Heterogeneous Wireless Sensor Networks	2025	0	0	0	Goal 7	0	10.1109/AECE67531.2025.11386627	https://www.scopus.com/pages/publications/105035143833?origin=resultslist	Singh M., Bennett University, School of Computer Science, Engineering and Technology, Greater Noida, India; Sharma M., K.R. Mangalam University, School of Engineering and Technology, Haryana, Gurugram, India; Chaudhuri S.R., Kiet Group of Institutions, Department of Ece, Delhi-NCR, Ghaziabad, India; Singh A.P., Kiet Group of Institutions, Department of Ece, Delhi-NCR, Ghaziabad, India; Saxena P., Bennett University, School of Computer Science, Engineering and Technology, Greater Noida, India; Kaur G., Raj Kumar Goel Institute of Technology, Department of Computer Science & Engineering, Ghaziabad, India	979-833155296-1	Conference paper

140	Thakur, Amit Kumar (60141500800); Vijarania, Meenu (57218434240); Gupta, Swati (59104024700)	An Energy Efficient Routing Protocol for WSN Using Machine Learning	2025	0	0	0	Goal 7	0	10.1109/MRIE66930.2025.11156449	https://www.scopus.com/pages/publications/105018800867?origin=resultslist	Thakur A.K., Soet, K.R. Manglam University, Haryana, Gurugram, India; Vijarania M., School of Engineering and Technology, K. R. Mangalam University, Department of Computer Science & Engineering, Gurugram, 122103, India; Gupta S., School of Engineering and Technology, K. R. Mangalam University, Department of Computer Science & Engineering, Gurugram, 122103, India	979-833158673-7	Conference paper
141	Soni, Jyoti (60022055400); Bhavana, M. (58893721700); Anshu (57226712535); Juyal, Sonali (60609074200); Kumawat, Ram Prasad (60609074300); Akram, Imam Washim (60609308000)	Cluster Routing Optimization Using Charged System Harmony Search for Energy Efficiency in WSN	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439187	https://www.scopus.com/pages/publications/105037438954?origin=resultslist	Soni J., Gyan Ganga Institute of Technology and Sciences, Department of ME, Jabalpur, India; Bhavana M., MLR Institute of Technology, Department of Data Science, Telangana, Hyderabad, India; Anshu, School of Engineering and Technology, K R Mangalam University, Gurugram, India; Juyal S., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Kumawat R.P., Shekhawati Institute of Engineering and Technology, Department of CE, Road Sikar, Rajasthan, Jaipur, India; Akram I.W., North East Frontier Technical University (NEFTU), Department of CE, Arunachal Pradesh, Aalo, India	979-833155787-4	Conference paper
142	Sehgal, Archana (58855080100); Dabral, Upendra (58994191000); Bansal, Shweta (55764352800); Awaar, Vinay Kumar (56712880200)	Sustainable Deposition of ZnO Nanostructures for Photovoltaic Cells: A Detailed Study with SEM and XRD Analysis	2025	0	0.05	0	Goal 7	0	10.1063/5.0263219	https://www.scopus.com/pages/publications/105003877297?origin=resultslist	Sehgal A., Lovely Professional University, Punjab, Phagwara, India; Dabral U., Uttaranchal University, Uttarakhand, Dehradun, India; Bansal S., K R Mangalam University, Sohna, Haryana, Gurugram, India; Awaar V.K., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
143	Ete, Tomi (60609273500); Sandhu, Deepika (57766471700); Ravi, G. (60608888600); Meenu (59669558900); Joshi, Bhawna (60609397800); Samota, Ram Gopal (60609648500)	Performance Analysis of ANFIS Based SCES AOMDV Routing Protocol for Energy Efficient Wireless Sensor Networks	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439086	https://www.scopus.com/pages/publications/105037426622?origin=resultslist	Ete T., North East Frontier Technical University (NEFTU), Department of ME, Arunachal Pradesh, Aalo, India; Sandhu D., Gyan Ganga Institute of Technology and Sciences, Department of EX, Jabalpur, India; Ravi G., MLR Institute of Technology, Department of CSE-AIML, Telangana, Hyderabad, India; Meenu, School of Engineering and Technology, K R Mangalam University, Gurugram, India; Joshi B., Centre for Promotion of Research, Graphic Era Deemed University, Uttarakhand, Dehradun, India; Samota R.G., Shekhawati Institute of Engineering and Technology, Department of AE, Rajasthan, Sikar, India	979-833155787-4	Conference paper
144	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 7	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
145	Singh, Mandeep (57424582000); Sharma, Megha (57198780663); Gupta, Isha (57209078718); Sharma, Chhaya (59080468000); Kaur, Gaganjot (59232513600); Saxena, Pranshu (55607181300)	Energy Aware Routing Protocols Using Modified Ant Colony Optimization for High-Mobility MANETs in Disaster Recovery Scenarios	2025	0	0.08	0	Goal 7	4	10.1109/ISPCC66872.2025.11039378	https://www.scopus.com/pages/publications/105010199714?origin=resultslist	Singh M., Bennett University, School of Computer Science Engineering and Technology, Greater Noida, India; Sharma M., K.R.Mangalam Univeristy, SOET(CSE), Gurugram, India; Gupta I., VIPS, GGSIPU, Department of Computer Science & Engineering, New Delhi, India; Sharma C., Raj Kumar Goel Institute of Technology, Department of Computer Science & Engineering, Ghaziabad, India; Kaur G., Raj Kumar Goel Institute of Technology, Department of Computer Science & Engineering, Ghaziabad, India; Saxena P., Bennett University, School of Computer Science Engineering and Technology, Greater Noida, India	979-833153893-4	Conference paper
146	Singh, Virendra (60330689700); Meera, C. (59559025400); Inumula, Krishna Murthy (57193755385); Anjali (59929173400); Anas, Mohd. (60330689800); Sharma, Minal (60330624500)	SUSTAINABLE HOSPITALITY PRACTICES, CUSTOMER PSYCHOLOGY, AND BRAND IMAGE: A STUDY OF LUXURY HOTEL CHAINS	2025	0	0	0	Goal 7	1	10.5281/zenodo.11042561	https://www.scopus.com/pages/publications/105027273349?origin=resultslist	Singh V., R Mangalam University, India; Meera C., School of Management studies, Karpagam college of Engineering, Myleripalayam, Coimbatore, India; Inumula K.M., Symbiosis Institute of International Business (SIIB), Symbiosis International (Deemed University), Maharashtra, Pune, India; Anjali, Department of Applied Sciences and Humanities, United College of Engineering and Research Prayagraj, Uttar Pradesh, Prayagraj, India; Anas M., School of Management &Commerce, K R Mangalam University, India; Sharma M., ICFAI School of Liberal Arts, The ICFAI University, Jaipur, India		Article
147	Sharma, Vijay Prakash (57223690406); Malik, Chirag (57194713255); Prakash, Surya (57226556562); Singh, Ranbir (59602279000)	What Strengthens Social Sustainability in Logistics in the Age of Industry 4.0? Analysis and Modelling of the Enablers	2025	0	0	0	Goal 7	2	10.33889/IJMEMS.2025.10.5.067	https://www.scopus.com/pages/publications/105011993807?origin=resultslist	Sharma V.P., School of Management and Commerce, K. R. Mangalam University, Gurgaon, India; Malik C., School of Management, BML Munjal University, Gurgaon, India; Prakash S., Operations Management Department, Great Lakes Institute of Management Gurgaon, Gurugram, India; Singh R., School of Engineering and Technology, BML Munjal University, Gurgaon, India		Article
148	Jeet, Shobhna (58705176000)	Green Intellectual Property and Use of Plastic with Special Reference to Sustainable Development Goals	2025	0	0	0	Goal 7	0		https://www.scopus.com/pages/publications/105034231712?origin=resultslist	Jeet S., School of Legal Studies, KR Mangalam University, Sohna Haryana, Gurugram, India	978-935887448-8; 978-935887595-9	Book chapter
149	Negi, Akashdeep (57422508700); Ranakoti, Lalit (57209850819); Bhandari, Prabhakar (57189488377); Aggarwal, Saurabh (57952377300); Verma, Rajesh P. (57069494100); Bist, Ankur Singh (56127087200); Uniyal, Arun (57739732700); Kaushik, Shivasheesh (57213737994); Kanojia, Nikhil (57217129197); Srivastav, Ayushman (59064574000)	Yield augmentation by integrating jute wick in a single slope solar still: an experimental study	2025	0	0.82	0	Goal 7	0	10.24425/ather.2025.154190	https://www.scopus.com/pages/publications/105002477597?origin=resultslist	Negi A., Department of Engineering, Graphic Era Deemed to be University, Uttarakhand, Dehradun, 248 002, India; Ranakoti L., Department of Engineering, Graphic Era Deemed to be University, Uttarakhand, Dehradun, 248 002, India; Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122 103, India; Aggarwal S., Department of Mechanical Engineering, Uttaranchal University, Uttarakhand, Dehradun, 248 007, India; Verma R.P., Department of Aerospace Engineering, Graphic Era Deemed to be University, Uttarakhand, Dehradun, 248 002, India; Bist A.S., Department of Computer Science and Engineering, Graphic Era Hill University, Bhimtal Campus, Uttarakhand, Bhimtal, 263 136, India; Uniyal A., Department of Mechanical Engineering, COER University, Uttarakhand, Roorkee, 247 667, India; Kaushik S., Department of Mechanical Engineering, Shivalik College of Engineering, Dehradun, 248 007, India; Kanojia N., Department of Mechanical Engineering, UPES., Dehradun, 248 007, India; Srivastav A., Department of Mechanical Engineering, UPES., Dehradun, 248 007, India		Article

150	Pandya, Kartik S. (14030378500); Tipu, Rupesh Kumar (57761722500); Pandya, Jigna K. (57188802593)	Time-Series Forecasting of Energy Consumption Using LSTM Networks for Optimized Microgrid Management	2025	11.64	0.09	0	Goal 7	1	10.1109/SETCOM64758.2025.10932629	https://www.scopus.com/pages/publications/105002272710?origin=resultslist	Pandya K.S., Parul Institute of Engineering and Technology (PIET), Parul University, Faculty of Engineering and Technology, Electrical Engineering Department, Vadodara, India; Tipu R.K., K. R. Mangalam University Sohna, School of Engineering & Technology, Haryana, Gurugram, India; Pandya J.K., Dharmsinh Desai University (DDU), Dept. of Civil Engineering, Gujarat, Nadiad, India	979-833152054-0	Conference paper
151	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 7	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
152	Ahuja, Sunaina (59466507400); Saini, Neha (58660045500); Arora, Rishab (57218384388); Narsaiah, Manthena Nadpi (57210283027); Bobba, Phaneendra Babbu (37032665900)	Deployment of Solar Farms: A Hybrid AHP-TOPSIS Analysis with Data from Multiple Solar Farms	2025	0	0.05	0	Goal 7	1	10.1063/5.0263210	https://www.scopus.com/pages/publications/105003885734?origin=resultslist	Ahuja S., Lovely Professional University, Punjab, Phagwara, India; Saini N., Uttaranchal University, Uttarakhand, Dehradun, India; Arora R., K R Mangalam University, Sohna, Haryana, Gurugram, India; Narsaiah M.N., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Bobba P.B., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
153	Rajunaiak, M. (60508094600); Shanker, Surabhi (58174172700); Sharma, Ranu Prakash (60507708000); Holkar, Udita (59941247600); Verma, Ashok Kumar (57193935002); William, P. (57433493200)	Federated Cloud-Fog Systems: Cost-Minimizing Offloading and Efficient Edge Resource Management for Delay-Sensitive Tasks	2025	0	0	0	Goal 7	0	10.1109/RCSM67767.2025.11507822	https://www.scopus.com/pages/publications/105041539347?origin=resultslist	Rajunaiak M., MLR Institute of Tenchnology, Department of Elelctonics and Communication Engineering, Telangana, Hyderabad, India; Shanker S., K R Mangalam University, School of Engineering and Technology, Gurugram, India; Sharma R.P., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Holkar U., IES College of Technology, Department of Computer Science & Engineering, Madhya Pradesh, Bhopal, 462044, India; Verma A.K., Gyan Ganga Institute of Technology and Sciences, Department of CSE, Jabalpur, India; William P., Sanjivani University, School of Engineering and Technology, Maharashtra, Kopargaon, India	979-833159126-7	Conference paper
154	Rawat, Kamal Singh (57213083827); Bhandari, Prabhakar (57189488377); Bisht, Vijay Singh (57201701078); Nagappan, Beemkumar (57201643279); Ranakoti, Lalit (57209850819); Alagu, Karthikeyan (55902241400); Thatoi, Dhirendra Nath (56585971800); Sharma, Shubham (57211422917); Rao, V. Nagabhushana (59220511600); El Sayed Massoud, Ehab (59658171400)	Unlocking sustainable cooling: A numerical analysis of ice slurry flow in 180° U-bends-impacts of bend radius/pipe radius ratios and pressure drops on system performance	2025	0	1.05	0	Goal 7	0	10.1515/ijcre-2024-0233	https://www.scopus.com/pages/publications/105003866659?origin=resultslist	Rawat K.S., Department of Mechanical Engineering, MIET, Uttar Pradesh, Meerut, India; Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, India; Bisht V.S., Faculty of Technology, Department of Thermal Engineering, Veer Madho Singh Bhandari Uttarakhand Technical University, Uttarakhand, Dehradun, India; Nagappan B., Department of Mechanical Engineering, School of Engineering and Technology, JAIN (Deemed to Be University), Karnataka, Bangalore, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to Be University, Uttarakhand, Dehradun, 248002, India; Alagu K., Department of Mechanical Engineering, Sathyabama Institute of Science and Technology, Tamil Nadu, Chennai, India; Thatoi D.N., Department of Mechanical Engineering, Siksha 'o' Anusandhan (Deemed to Be University), Odisha, Bhubaneswar, 751030, India; Sharma S., Department of Technical Sciences, Western Caspian University, Baku, Azerbaijan, Centre for Research Impact and Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, 140401, India, Jadara University Research Center, Jadara University, Jordan; Rao V.N., Department of Mechanical Engineering, Raghu Engineering College, Andhra Pradesh, Vishakhapatnam, 531162, India; El Sayed Massoud E., College of Applied Sciences, King Khalid University, Dhahran Al-Janoub, Abha, Saudi Arabia		Article

155	Khafaga, Doaa Sami (58088844800); Alhussan, Amel Ali (57188740003); El-kenawy, El-Sayed M. (60366183200); Ibrahim, Abdelhameed (34876676400); Singla, Manish Kumar (57208304510); gupta, Jyoti (57208304758); gupta, Anupma (57209589407); Thakur, Ekta (57200214965); Abdelhamid, Abdelaziz A. (55328560100); Eid, Marwa M. (35795379100)	Emission prediction in hybrid electric vehicles using football optimization and reinforcement learning	2025	0	0	0	Goal 7	1	10.1007/s10791-025-09875-w	https://www.scopus.com/pages/publications/105026273661?origin=resultslist	Khafaga D.S., Department of Computer Sciences, College of Computer and Information Sciences, Princess Nourah bint Abdulrahman University, PO Box 84,428, Riyadh, 11671, Saudi Arabia; Alhussan A.A., Department of Computer Sciences, College of Computer and Information Sciences, Princess Nourah bint Abdulrahman University, PO Box 84,428, Riyadh, 11671, Saudi Arabia; El-kenawy E.-S.M., School of ICT, Faculty of Engineering, Design and Information & Communications Technology (EDICT), Bahrain Polytechnic, PO Box 33,349, Isa Town, Bahrain, Applied Science Research Center, Applied Science Private University, Amman, Jordan; Ibrahim A., School of ICT, Faculty of Engineering, Design and Information & Communications Technology (EDICT), Bahrain Polytechnic, PO Box 33,349, Isa Town, Bahrain; Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India; gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; gupta A., Chandigarh University, Mohali, 140413, India; Thakur E., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Punjab, Rajpura, India; Abdelhamid A.A., Department of Computer Science, College of Computing and Information Technology, Shaqra University, Shaqra, 11961, Saudi Arabia, Department of Computer Science, Faculty of Computer and Information Sciences, Ain Shams University, Cairo, 11566, Egypt; Eid M.M., Faculty of Artificial Intelligence, Delta University for Science and Technology, Mansoura, 35712, Egypt, Jadara Research Center, Jadara University, Irbid, 21110, Jordan		Article
156	Kansal, Lavish (56595215600); Nautiyal, Rishi Dev (58695653100); Nizamuddin, Mohammad (59760282900); Bindu, Kotha Hima (57213300996); Ramesh, Gajula (57209469953)	Analyzing Transition from Lean Manufacturing to Building Efficiency: A Comprehensive Review with Data Analysis	2025	0	0.05	0	Goal 7	0	10.1063/5.0262857	https://www.scopus.com/pages/publications/105003877301?origin=resultslist	Kansal L., Lovely Professional University, Punjab, Phagwara, India; Nautiyal R.D., Uttaranchal University, Uttarakhand, Dehradun, India; Nizamuddin M., K R Mangalam University, Sohna, Haryana, Gurugram, India; Bindu K.H., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Ramesh G., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
157	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 7	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
158	Indhumathi, R. (58966675200); Vaishnav, Saloni (60109095300); Shrivastava, Anurag (58035982500); Suman, Vishwanil (60109704600); Hasan, Montater Muhsn (59982134600); Bansal, Saloni (57261601100)	Energy Efficient Wireless Sensor Networks: A Fuzzy Logic Approach for IoT Optimization	2025	0	0	0	Goal 7	1	10.53759/7669/jmc202505175	https://www.scopus.com/pages/publications/105016732911?origin=resultslist	Indhumathi R., Department of Computer Science, Idhaya College for Women, Tamil Nadu, Kumbakonam, India; Vaishnav S., Indian Institute of Management, Madhya Pradesh, Indore, India; Shrivastava A., Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Tamil Nadu, Chennai, India; Suman V., K R Mangalam University, Sohna Road, Haryana, Gurugram, India; Hasan M.M., Department of Computers Techniques Engineering, College of Technical Engineering, The Islamic University, Najaf, Iraq; Bansal S., Department of Electronics and Communication Engineering, GLA University, Uttar Pradesh, Mathura, India		Article
159	Kumar, Suresh (56539028100); Prasad, Rajendra (57201355122); Kumar, Kaushal (36948986200); Rao, Dokku Siva Naga Malleswara (57193886970); Lingam, Bhukya (58073697300)	Variation in Solar Panel Performance across Different Indian Regions: A Comprehensive Analysis with Seasonal Data	2025	0	0.05	0	Goal 7	1	10.1063/5.0263492	https://www.scopus.com/pages/publications/105003877650?origin=resultslist	Kumar S., Lovely Professional University, Punjab, Phagwara, India; Prasad R., Uttaranchal University, Uttarakhand, Dehradun, India; Kumar K., K R Mangalam University, Sohna, Haryana, Gurugram, India; Rao D.S.N.M., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India; Lingam B., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India		Conference paper
160	Bhalla, Lalit (56805074800); Kumar, Pramod (60434304100); Bansal, Shweta (55764352800); Sridevi, Jami (53985374700)	Effect of Dust Particles on Solar Panel Efficiency in NCR Region: An Experimental Assessment using Outdoor Testing	2025	0	0.05	0	Goal 7	0	10.1063/5.0263443	https://www.scopus.com/pages/publications/105003874937?origin=resultslist	Bhalla L., Lovely Professional University, Punjab, Phagwara, India; Kumar P., Uttaranchal University, Uttarakhand, Dehradun, India; Bansal S., K R Mangalam University, Sohna, Haryana, Gurugram, India; Sridevi J., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
161	Divya, V. (60609597000); Shanker, Surabhi (58174172700); Rajput, Vibhor (60609470800); Singh, Gajender (60609597100); Ete, Lijum (60608808100); Vishwakarma, Bhaskar (60815505100)	Optimized Energy-Efficient Cluster Routing Using LEACH and Charged System Search in Wireless Sensor Network	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439585	https://www.scopus.com/pages/publications/105037432284?origin=resultslist	Divya V., MLR Institute of Technology, Department of Data Science, Telangana, Hyderabad, India; Shanker S., School of Engineering and Technology, K R Mangalam University, Gurugram, India; Rajput V., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Singh G., Shekhawati Institute of Engineering and Technology, Department of ME, Rajasthan, India; Ete L., North East Frontier Technical University (NEFTU), Department of CE, Arunachal Pradesh, Aalo, India; Vishwakarma B., Gyan Ganga Institute of Technology and Sciences, Department of ME, Jabalpur, India	979-833155787-4	Conference paper
162	Khurana, Preeti (55336180300); Singh, Rajat (57213970504); Kumari, Neeraj (57562251100); Fathima, Nasra (59760345000); Bobba, Phaneendra Babbu (37032665900)	Analysis of Solar Power Generation and Prediction Using ANN: A Case Study with Data from Solar Power Plants	2025	0	0.05	0	Goal 7	0	10.1063/5.0263425	https://www.scopus.com/pages/publications/105003880016?origin=resultslist	Khurana P., Lovely Professional University, Punjab, Phagwara, India; Singh R., Uttaranchal University, Uttarakhand, Dehradun, India; Kumari N., K R Mangalam University, Sohna, Haryana, Gurugram, India; Fathima N., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Bobba P.B., Department of EEE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper

163	Gupta, Gaurav (59467026100); Bisht, Yashwant Singh (57226502834); Saluja, Anshul (59760422300); Lakshmi, Adidela Rajya (59217641400); Vanam, Manasa (57203908300)	Nanotechnology in Renewable Energy: A Comprehensive Review with Experimental Analysis	2025	0	0.05	0	Goal 7	1	10.1063/5.0271287	https://www.scopus.com/pages/publications/105003883577?origin=resultslist	Gupta G., Lovely Professional University, Punjab, Phagwara, India; Bisht Y.S., Uttaranchal University, Uttarakhand, Dehradun, India; Saluja A., K R Mangalam University, Sohna, Haryana, Gurugram, India; Lakshmi A.R., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Vanam M., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
164	Kapoor, Saurabh (59793223700); Begum, Arishya (60508646400); Swati (59104024700); Tyagi, Nupur (60609553700); Anuhya, Katragadda (59593407200); Rime, Nyangam (60609134800)	Enhancing Edge Computing Efficiency Through Intelligent Gateway Resource Management	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439778	https://www.scopus.com/pages/publications/105037434105?origin=resultslist	Kapoor S., Gyan Ganga Institute of Technology and Sciences, Department of CSE, Jabalpur, India; Begum A., MLR Institute of Technology, Department of Data Science, Telangana, Hyderabad, India; Swati, School of Engineering and Technology, K R Mangalam University, Gurugram, India; Tyagi N., Centre for Promotion of Research, Graphic Era Deemed University, Uttarakhand, Dehradun, India; Anuhya K., Computer Science and Engineering, CMR Engineering College, Hyderabad, India; Rime N., North East Frontier Technical University (NEFTU), Department of CE, Arunachal Pradesh, Aalo, India	979-833155787-4	Conference paper
165	Kumar, Sumit (57191706372); Bisht, Vijay Singh (57201701078); Bhandari, Prabhakar (57189488377); Ranakoti, Lalit (57209850819); Negi, Akashdeep (57422508700); Bist, Ankur Singh (56127087200); Padalia, Diwakar (54793429700)	Computational analysis of modified solar air heater having combination of ribs and protrusion in S-shaped configuration	2025	4.46	0.9	0	Goal 7	13	10.1007/s12008-024-01972-2	https://www.scopus.com/pages/publications/105002892754?origin=resultslist	Kumar S., Department of Thermal Engineering, Faculty of Technology, Uttarakhand Technical University, Veer Madho Singh Bhandari, Uttarakhand, Dehradun, 248007, India; Bisht V.S., Department of Thermal Engineering, Faculty of Technology, Uttarakhand Technical University, Veer Madho Singh Bhandari, Uttarakhand, Dehradun, 248007, India; Bhandari P., Department of Mechanical Engineering, School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122103, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India; Negi A., Department of Mechanical Engineering, Graphic Era Deemed to University, Clement Town, Uttarakhand, Dehradun, 248002, India; Bist A.S., Department of Computer Science and Engineering, Graphic Era Hill University, Bhimtal Campus, Uttarakhand, 263136, India; Padalia D., Department of Physics, School of Basic & Applied Sciences, K. R. Mangalam University, Haryana, Gurgaon, 122103, India		Article
166	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 7	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
167	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 7	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
168	Rani, Ginni (59180004700); Payal (59906662000); Kumar, Anil (57214421363); Mohan, Chandra (57191527445)	Weed Waste Management: Waste-To-Wealth Approach	2025	0	0.14	0	Goal 7	0	10.1007/978-3-031-78420-0_6	https://www.scopus.com/pages/publications/105005665288?origin=resultslist	Rani G., Department of Chemistry, DPG Degree College, Gurugram, 122001, India; Payal, Department of Chemistry, DPG Degree College, Gurugram, 122001, India; Kumar A., Department of Applied Sciences, Bharati Vidyapeeth's College of Engineering, New Delhi, India; Mohan C., Department of Chemistry, SBAS, K. R. Mangalam University, Gurugram, 122103, India	978-303178420-0; 978-303178419-4	Book chapter
169	Goswami, Rashi (60609747600); Babu, P. (59532269100); Rathi, Preeti (59206886000); Kushwaha, Niraj (56825569300); Yogi, Himanshu (59209785000); Nandi, Rahul (60608933800)	Energy Efficient Secure Routing in Wireless Sensor Networks Using SCES AOMDV Protocol	2025	0	0	0	Goal 7	0	10.1109/SISIMPACT67725.2025.11439259	https://www.scopus.com/pages/publications/105037426966?origin=resultslist	Goswami R., Gyan Ganga Institute of Technology and Sciences, Department of EX, Jabalpur, India; Babu P., MLR Institute of Technology, Department of CSE-AIML, Telangana, Hyderabad, India; Rathi P., School of Engineering and Technology, K R Mangalam University, Gurugram, India; Kushwaha N., Centre for Promotion of Research, Graphic Era Deemed University, Uttarakhand, Dehradun, India; Yogi H., Shekhawati Institute of Engineering and Technology, Department of CE, Road Sikar, Rajasthan, Jaipur, India; Nandi R., North East Frontier Technical University (NEFTU), Department of CE, Arunachal Pradesh, India	979-833155787-4	Conference paper
170	Singh, Harvinder (55627877769); Sen, Binayak (57194275571); Kumar, Nitin (58943872600); Singh, Bharat (57214772297); Bhowmik, Abhijit (57202983484); Kumar, Ankur (59123192300); Kumar, Kaushal (36948986200); John, Vivek (57200121825)	Artificial neural network modeling and experimental analysis of erosion resistance in tungsten carbide-coated CA6NM stainless steel	2025	1.01	0.99	0	Goal 7	12	10.1007/s00170-025-16018-4	https://www.scopus.com/pages/publications/105009614778?origin=resultslist	Singh H., Chandigarh Group of Colleges Landran, Mohali, 140307, India; Sen B., Centre for Computational Modeling, Chennai Institute of Technology, Tamil Nadu, Chennai, 600069, India, Department of Mechanical Engineering, Chennai Institute of Technology, Tamil Nadu, Chennai, 600069, India; Kumar N., Graphic Era (Deemed to be University), Clement town, Dehradun, 248002, India, Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, 140401, India; Singh B., Department of Mechanical Engineering, GLA University, UP, Mathura, 281406, India; Bhowmik A., Department of Additive Manufacturing, Mechanical Engineering, SIMATS, Saveetha Institute of Medical and Technical Sciences, Thandalam, Chennai, 602105, India, Divison of Research and Development, Lovely Professional University, Punjab, Phagwara, India; Kumar A., Sant Longowal Institute of Engineering and Technology, Punjab, Longowal, Sangrur, 148106, India; Kumar K., Department of Mechanical Engineering, KR Mangalam University, Gurugram, 122103, India; John V., Department of Mechanical Engineering, Uttranachal University, Dehradun, India		Article
171	Prasanth, Dumpala (59700092200); Suman, Sanjay Kumar (57211309282); Kumar, Ashwani (57204889479); Midasala, Vasujadevi (57215918130); Laxmaiah, M. (57203924521); Bhagyalakshmi, L. (55603046500)	AI-Driven Predictive Maintenance for Sustainable Wireless Sensor Networks	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608875	https://www.scopus.com/pages/publications/105046434899?origin=resultslist	Prasanth D., Department of Cse, Guru Nanak Institutions Technical Campus, Telangana, Hyderabad, India; Suman S.K., Sri Shanmugha College of Engineering and Technology, Dept. of Ai&ds, Sankari, TN, Salem, India; Kumar A., K R Mangalam University, Gurugram, India; Midasala V., Mangalayatan University Jabalpur (MUJ), Dept. of Cse, MP, Jabalpur, India; Laxmaiah M., Cmr Engineering College, Hyderabad, India; Bhagyalakshmi L., Rajalakshmi Engineering College, Dept. of Ece, TN, Chennai, India	979-833155644-0	Conference paper

172	Kharya, Asheesh (59504748700); Samatha, A. (59241398500); Ammani, B. (60598507100); Rani, Kanika (60772259000); Shukla, Prashant Kumar (57190738806); Rathi, Preeti (59206886000)	Resource-Efficient Task Placement and Offloading in Vehicular Fog-Cloud Environment	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11609169	https://www.scopus.com/pages/publications/105046418735?origin=resultslist	Kharya A., Ies College of Technology, Department of Electronics & Communication Engineering, Bhopal, India; Samatha A., Griet, Department of Cse (AIML), Telangana, India; Ammani B., Mlr Institute of Technology, Department of CSE-AIML, Telangana, India; Rani K., Graphic Era Deemed University, Centre for Promotion of Research, Dehradun, India; Shukla P.K., Amity University, Amity School of Engineering and Technology, Department of Computer Science and Engineering, Mumbai, India; Rathi P., K R Mangalam University, School of Engineering and Technology, Gurugram, India	979-833155644-0	Conference paper
173	Sehgal, Archana (58855080100); Sharma, Deepti (59477277200); Mohan, Chandra (57191527445); Ramisetty, Sowjanya (57211668167); Ramesh, Gajula (57209469953)	Automation and Efficiency: Implementing Intelligent Manufacturing Systems	2025	0	0.05	0	Goal 7	0	10.1063/5.0263216	https://www.scopus.com/pages/publications/105003884679?origin=resultslist	Sehgal A., Lovely Professional University, Punjab, Phagwara, India; Sharma D., Uttaranchal University, Uttarakhand, Dehradun, India; Mohan C., K R Mangalam University, Sohna, Haryana, Gurugram, India; Ramisetty S., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Ramesh G., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
174	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 7	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
175	Rajunaiak, M. (60508094600); Gairola, Ajay Krishan (58031876100); Agarwal, Pankaj (57210478198); Gupta, Deepak Kumar (59504850900); Sruthi, P. (55418866700); Roy, Lipika (58966885300)	Clustered Routing Protocols for WSN with Mobile Sink with CRSSI for Improved Efficiency	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608799	https://www.scopus.com/pages/publications/105046422432?origin=resultslist	Rajunaiak M., Department of Elelctonics and Communication Engineering, MLR Institute of Technology, Telangana, India; Gairola A.K., Centre for Promotion of Research, Graphic Era Deemed University, Dehradun, India; Agarwal P., School of Engineering and Technology, K R Mangalam University, Gurugram, India; Gupta D.K., Department of Electronics & Communication Engineering, IES College of Technology, Bhopal, 462044, India; Sruthi P., Department of Data Science, GRIET, Telangana, India; Roy L., UG Scholar, Gyan ganga Institute of Technology and Sciences, Jabalpur, India	979-833155644-0	Conference paper
176	Sharma, Madhvi (59425893900); Verma, Tanya (57528187900); Kamal, Arif (56921383300); Keskar, Yogesh (59357239400); Upreti, Kamal (57202706345)	Towards Net-Zero Hotels: AI-Enabled Energy Transition and Demand Response Models	2025	0	0	0	Goal 7	0	10.1109/ICDISS68238.2025.11320661	https://www.scopus.com/pages/publications/105033649380?origin=resultslist	Sharma M., Amity School of Architecture and Planning, Amity University, Rajasthan, Jaipur, India; Verma T., Dean School of Architecture and Design, K R Mangalam University, Haryana, Gurugram, India; Kamal A., Architecture Section, Aligarh Muslim University, Aligarh, India; Keskar Y., Amity school of Architecture and Planning, Rajasthan, Jaipur, India; Upreti K., Department of Computer Science, Christ University, Delhi NCR, Ghaziabad, India	979-833155641-9	Conference paper
177	Singh, Vikash (57211309853); Sharma, Subhash (56461717700); Kumar, Pawan (57191835446)	Synthesis, Structural and Multiferroic Properties of Yttrium-Titanium co-substitution BiFeO3 Ceramics	2025	0	0	0	Goal 7	1	10.1007/s10948-025-07082-8	https://www.scopus.com/pages/publications/105022633822?origin=resultslist	Singh V., Department of Applied Sciences and Humanities, ABES Engineering College, UP, Ghaziabad, 201009, India; Sharma S., SECIHIT-Centro de Nanociencias y Nanotechnologia, Universidad Nacional Autónoma de México, Km 107 Carretera Tijuana-Ensenada s/n, B.C, Ensenada, 22860, Mexico; Kumar P., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, 122103, India		Article
178	Nirban, Jyoti (60163053900); Bhardwaj, Indira (57487786600)	Analysis of The Performance of Sustainability Indices Compared to Thematic Indices in The Indian Stock Market	2025	0	0	0	Goal 7	0	10.14419/rfn1p384	https://www.scopus.com/pages/publications/105020289819?origin=resultslist	Nirban J., K.R. Mangalam University, India; Bhardwaj I., K.R. Mangalam University, India		Article
179	Negi, Akashdeep (57422508700); Ranakoti, Lalit (57209850819); Verma, Rajesh P. (57069494100); Kumar, Vineet (7404634379); Bhandari, Prabhakar (57189488377); Khargotra, Rohit (57200605241); Singh, Tej (57970285600)	Enhancing solar still productivity with organic phase change materials: A literature review	2025	1.93	2.59	0	Goal 7	31	10.1016/j.ecmx.2025.100984	https://www.scopus.com/pages/publications/105000902478?origin=resultslist	Negi A., Department of Mechanical Engineering, Graphic Era (Deemed to be University) Dehradun, Uttarakhand, India; Ranakoti L., Department of Mechanical Engineering, Graphic Era (Deemed to be University) Dehradun, Uttarakhand, India; Verma R.P., Department of Aerospace Engineering, Graphic Era (Deemed to be University) Dehradun, Uttarakhand, India; Kumar V., Department of Mechanical Engineering, Graphic Era (Deemed to be University) Dehradun, Uttarakhand, India; Bhandari P., Mechanical Engineering department, School of Engineering and Technology, K.R. Mangalam University, Gurgram 122103, Haryana, India; Khargotra R., Escuela Politécnica Superior, Universidad Francisco de Vitoria, Ctra. Pozuelo-Majadahonda Km 1.800, Madrid, Pozuelo de Alarcón, 28223, Spain; Singh T., Savaria Institute of Technology, Faculty of Informatics, ELTE Eötvös Loránd University, Budapest, 1117, Hungary		Review
180	Chhabra, Soosan (58675218800); Bisht, Deepa (57879386800); Virk, Nirmaljeet Kaur (56460089100); Nuvvusetty, Rajasekhar (57202195837)	Microwave Processing Revolutionizing Material Preparation for Manufacturing	2025	0	0.05	0	Goal 7	0	10.1063/5.0263525	https://www.scopus.com/pages/publications/105003867096?origin=resultslist	Chhabra S., Lovely Professional University, Punjab, Phagwara, India; Bisht D., Uttaranchal University, Uttarakhand, Dehradun, India; Virk N.K., K R Mangalam University, Sohna, Haryana, Gurugram, India; Nuvvusetty R., Department of Information Technology, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
181	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Parag, Nijhawan (55193149500); Ekta, Thakur (57200214965); Tella, Teshome Goa (57204910892); Mosaad, Mohamed I. (24780937900); Murodbek, Safaraliev (60229222300)	Corrigendum to “Improving photovoltaic cell parameter calculations through a puffer fish inspired optimization technique”(Heliyon, (2024), 10, 13, (e33952), (S2405844024099833), 10.1016/j.heliyon.2024.e33952)	2025	0	0	0	Goal 7	0	10.1016/j.heliyon.2025.e44236	https://www.scopus.com/pages/publications/105024225921?origin=resultslist	Singla M.K., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, India; Parag N., Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering and Technology, Patiala, India; Ekta T., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India; Tella T.G., Department of Electrical and Computer Engineering, Sustainable Energy Center of Excellence, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia; Mosaad M.I., Electrical & Electronics Engineering Technology Department, Yanbu Industrial College (YIC), Royal Commission Yanbu Colleges & Institutes, Yanbu, 46452, Saudi Arabia; Murodbek S., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, 620002, Russian Federation		Erratum

182	Dixit, Saurav (57194779967); Stefańska, Anna (57218171618); Singh, Subhav (57195480641); Kumar, Kaushal (36948986200); Sobti, Sakshi (59234590200); Pandey, Sakshi (59189158900); Buddi, Tanya (57223323873)	Experimental Investigation of Recycled Concrete as a Sustainable Building Material	2025	0	0	0	Goal 7	0	10.1007/978-981-96-1945-0_19	https://www.scopus.com/pages/publications/105017368897?origin=resultslist	Dixit S., Centre of Research Impact and Outcome, Chitkara University, Punjab, Rajpura, India; Stefańska A., Warsaw University of Life Sciences, Warsaw, Poland; Singh S., Lovely Professional University, Punjab, Phagwara, India, Uttaranchal University, Dehradun, India; Kumar K., School of Engineering and Technology, KR Mangalam University, Haryana, Gurugram, India; Sobti S., Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh, Rajpura, India; Pandey S., Centre of Research Impact and Outcome, Chitkara University, Punjab, Rajpura, India; Buddi T., GRIET, Hyderabad, India	978-981961944-3	Conference paper
183	Nigam, Nishesh (58560599800); Chouksey, Praveen (59369846400); Gupta, Amit (58498468300); Biksheswararao, K. (60687478400); Malhotra, Anshu (57226712535); Renuka (60508285400)	Integrating Cutting-Edge Big Data Analytics into Smart Grid Architectures and Smart Energy Distribution Networks for Predictive Maintenance and Cyber Threat Mitigation	2025	0	0	0	Goal 7	0	10.1109/RCSM67767.2025.11508054	https://www.scopus.com/pages/publications/105041560370?origin=resultslist	Nigam N., IES University, IES Institute of Technology and Management, Department of Computer Science & Engineering, Madhya Pradesh, Bhopal, 462044, India; Chouksey P., CMR Engineering College, Hyderabad, India; Gupta A., Gyan Ganga Institute of Technology and Sciences, Department of EEE, Jabalpur, India; Biksheswararao K., MLR Institute of Technology, Department of CSE-AIML, Telangana, Hyderabad, India; Malhotra A., K R Mangalam University, School of Engineering and Technology, Gurugram, India; Renuka, Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India	979-833159126-7	Conference paper
184	Kumar, Ramesh (57216257314); Singla, Manish Kumar (57208304510); S.A, Muhammed Ali (53980163700); Gupta, Jyoti (57208304758); Jangir, Pradeep (56857572500); Arpita (59394316000); EI-Kenawy, EI-Sayed M. (60935814400); Alharbi, Amal H. (57695465800); Jangid, Reena (59681415200)	Parameter estimation of proton exchange membrane fuel cell using hybrid grouping biogeography optimization algorithm	2025	0	0	0	Goal 7	2	10.1007/s11581-025-06600-x	https://www.scopus.com/pages/publications/105015502927?origin=resultslist	Kumar R., Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, India; Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India, Jadara University Research Center, Jadara University, Irbid, 21110, Jordan; S.A M.A., Fuel Cell Institute, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia; Gupta J., School of Engineering and Technology, K. R. Mangalam University, Haryana, Gurgaon, 122003, India; Jangir P., Department of Electronics and Communication Engineering, Chandigarh University, Punjab, Mohali, 140301, India, Applied Science Research Centre, Applied Science Private University, Amman, 11937, Jordan; Arpita, J.J. College of Engineering and Technology, Tamil Nadu, Tiruchirappalli, India; EI-Kenawy E.-S.M., School of ICT, Faculty of Engineering, Design and Information & Communication Technology (EDICT), PO Box 33349, Bahrain Polytechnic, Isa Town, Bahrain; Alharbi A.H., Department of Computer Sciences, College of Computer and Information Sciences, Princess Nourah Bint Abdulrahman University, P.O Box 84428, Riyadh, 11671, Saudi Arabia; Jangid R., Department of CSE, Graphic Era Hill University, Uttarakhand, Dehradun, 248002, India, Department of CSE, Graphic Era Deemed To Be University, Uttarakhand, Dehradun, 248002, India		Article
185	Aseri, Vinay (57408486700); Nagar, Varad (57409167800); Sharma, Vaibhav (58845846000); Singh, Anubhav (57221149174); Gautam, Archna (59141497800); Sharma, Tina (57192404316); Parihar, Kapil (57219964766); Awasthi, Kumud Kant (55808330800); Sankhla, Mahipal Singh (57219964786)	Development of Latent Fingerprints on Porous and Nonporous Surfaces Using Water Chestnut (Singhara) Flour	2025	0	0	0	Goal 7	1	10.4103/jfsm.jfsm_117_23	https://www.scopus.com/pages/publications/105016857791?origin=resultslist	Aseri V., School of Forensics, Risk Management and National Security, Rashtriya Raksha University, Gujarat, Lavad, India; Nagar V., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Sharma V., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Singh A., School of Forensics, Risk Management and National Security, Rashtriya Raksha University, Gujarat, Lavad, India; Gautam A., Department of Forensic Science, SOS, ITM University, M.P., Gwalior, India; Sharma T., Department of Forensic Science, Bahra University, Himachal Pradesh, Shimla, India; Parihar K., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Awasthi K.K., Department of Life Sciences, Vivekananda Global University, Rajasthan, Jaipur, India; Sankhla M.S., School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, India		Article
186	Singh, Harvinder (55627877769); Budiarto, Hanif Azis (58286629900); Singh, Bharat (57214772297); Kumar, Kaushal (36948986200); Gupta, Rupesh (56332464600); Bhowmik, Abhijit (57202983484); Santhosh, A. Johnson (57223036374)	Graphene for next-generation technologies: Advances in properties, applications, and industrial integration	2025	0	0	0	Goal 7	35	10.1016/j.rineng.2025.106865	https://www.scopus.com/pages/publications/105014608222?origin=resultslist	Singh H., Department of Mechanical Engineering, Chandigarh Engineering College CGC Landran, Punjab, Mohali, 140307, India; Budiarto H.A., Department of Design Engineering, Politeknik Manufaktur Bandung, Bandung, Indonesia; Singh B., Department of Mechanical Engineering, GLA University, UP, Mathura, 281406, India; Kumar K., Department of Mechanical Engineering, KR Mangalam University, Gurugram, 122103, India; Gupta R., Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, 140401, India; Bhowmik A., Department of Additive Manufacturing, Mechanical Engineering, SIMATS, Saveetha Institute of Medical and Technical Sciences, Thandalam, Chennai, 602105, India, Division of Research and Development, Lovely Professional University, Punjab, Phagwara, India; Santhosh A.J., Faculty of Mechanical Engineering, Jimma Institute of Technology, Jimma University, Ethiopia		Review
187	Dwivedi, Pulkit (57209515156); Kajal, Mansi (57969395300)	Efficient deep learning training: an energy-conscious adaptive framework (ECAF)	2025	2.68	0.75	0	Goal 7	14	10.1007/s41060-025-00749-4	https://www.scopus.com/pages/publications/105000819178?origin=resultslist	Dwivedi P., School of Computer Science and Engineering, IILM University, Greater Noida, India; Kajal M., K.R. Mangalam University, Gurgaon, India		Article
188	Priya (59896301000); Srivastava, Suman (7403306717); Khatri, Ritika (57214993529)	Recent Advances on Catalysts Based on MoS_2: A Review on Diverse Applications	2025	0.39	2.58	0	Goal 7	16	10.1002/slct.202405247	https://www.scopus.com/pages/publications/105005100763?origin=resultslist	Priya, School of Basic and Applied Sciences, K. R. Mangalam University, Sohna, Gurugram, Haryana, 122103, India; Srivastava S., Department of Chemistry, M. V. College Buxar (A Constituent Unit of Veer Kunwar Singh University Ara) Bihar, Bihar, 802101, India; Khatri R., School of Basic and Applied Sciences, K. R. Mangalam University, Sohna, Gurugram, Haryana, 122103, India		Review
189	Kaur, Hardeep (57422047200); Garg, Kashish (56712404100); Sakshi (60003770400); Mohan, Chandra (57191527445); Singh, Sandeep (59049456300)	Role of Green Chemistry in Producing Biodegradable Plastic and Its Role in Sustainable Development	2025	0	0.12	0	Goal 7	2	10.1007/978-3-031-77327-3_2	https://www.scopus.com/pages/publications/85212278097?origin=resultslist	Kaur H., University Institute of Biotechnology, Chandigarh University, Punjab, Chandigarh, India; Garg K., University Institute of Biotechnology, Chandigarh University, Punjab, Chandigarh, India; Sakshi, University Institute of Biotechnology, Chandigarh University, Punjab, Chandigarh, India; Mohan C., Department of Chemistry, School of Basic & Applied Sciences, K R Mangalam University, Gurugram, 122103, India; Singh S., Department of Policy Research, Panjab University, Chandigarh, India		Book chapter

190	Dutt, Amit (59333375800); Saini, Neha (58660045500); Bhandari, Prabhakar (57189488377); Kura, Swapna Rani (59409514000); Padmanathan, Ramkumar Ramasamy (57216893872)	Real-time Energy Efficiency Assessment in Remanufacturing: A Data-Driven Approach	2025	0	0.05	0	Goal 7	0	10.1063/5.0263411	https://www.scopus.com/pages/publications/105003889087?origin=resultslist	Dutt A., Lovely Professional University, Punjab, Phagwara, India; Saini N., Uttaranchal University, Uttarakhand, Dehradun, India; Bhandari P., K R Mangalam University, Sohna, Haryana, Gurugram, India; Kura S.R., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Padmanathan R.R., Department of CSE (AI &ML), Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
191	Kansal, Lavish (56595215600); Kumar, Rakesh (58603878800); Prakash, Anshika (57477933700); Srinivas, Jhade (58103530600); Madhuri, T.N.P. (57476395500)	CAD and CIM for HVAC in Product Design: An Artificial Intelligence Perspective	2025	0	0.05	0	Goal 7	0	10.1063/5.0262858	https://www.scopus.com/pages/publications/105003879177?origin=resultslist	Kansal L., Lovely Professional University, Punjab, Phagwara, India; Kumar R., Uttaranchal University, Uttarakhand, Dehradun, India; Prakash A., K R Mangalam University, Sohna, Haryana, Gurugram, India; Srinivas J., KG Reddy College of Engineering and Technology, Chilkur, Moinabad, Telangana, Hyderabad, India; Madhuri T.N.P., Department of IT, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
192	Sahu, Pooja (59505491100); Naik, M Ramesh (60045769100); Shamila, M. (57216623348); Shukla, Prashant Kumar (57190738806); Punia, Suman (60609055200); Sawai, Pragya (60771684300)	Q-Learning-Driven Resource Allocation Strategies in Fog Computing Environments	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608605	https://www.scopus.com/pages/publications/105046415309?origin=resultslist	Sahu P., Ies College of Technology, Department of Computer Science & Engineering, Bhopal, India; Naik M.R., Mlr Institute of Technology, Department of CSE-AIML, Telangana, India; Shamila M., Griet, Department of CSE(AIML), Telangana, India; Shukla P.K., Amity University, Amity School of Engineering and Technology, Department of Computer Science and Engineering, Mumbai, India; Punia S., K R Mangalam University, School of Engineering and Technology, Gurugram, India; Sawai P., Graphic Era Deemed University, Centre for Promotion of Research, Dehradun, India	979-833155644-0	Conference paper
193	Saritha, B. Sri Lakshmi (60605791600); Raj, Seema (58631630800); Nagar, Mayank (58966779400); Kumar, R.P. Ram (57216893872); Pathan, Kamruddin (60772597200); Aryan, Aarsh (60772791900)	Adaptive Power Routing with Integrated Local Monitoring and Planning for Ecological Wireless Sensor Networks	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608757	https://www.scopus.com/pages/publications/105046398008?origin=resultslist	Saritha B.S.L., Mlr Institute of Technology, Department of CSE-AIML, Telangana, Hyderabad, India; Raj S., K R Mangalam University, School of Engineering and Technology, Gurugram, India; Nagar M., Ies College of Technology, Department of Computer Science & Engineering, Madhya Pradesh, Bhopal, India; Kumar R.P.R., Griet, Department of Data Science, Telangana, Hyderabad, India; Pathan K., Graphic Era Deemed University, Centre for Promotion of Research, Uttarakhand, Dehradun, India; Aryan A., Gyan Ganga Institute of Technology and Sciences, MP, Jabalpur, India	979-833155644-0	Conference paper
194	Bhardwaj, Nitin (55339537600); Saxena, Anil Kumar (57199858789); Kumar, Kaushal (36948986200); Pandey, Amit kumar (59760037400); Reddy, Peyyala Chandra Sekhar (56780468900)	Absorption Spectroscopy for Solar Cell Efficiency Enhancement Using Quantum Dot Absorbers	2025	0	0.05	0	Goal 7	0	10.1063/5.0263502	https://www.scopus.com/pages/publications/105003873991?origin=resultslist	Bhardwaj N., Lovely Professional University, Punjab, Phagwara, India; Saxena A.K., Uttaranchal University, Uttarakhand, Dehradun, India; Kumar K., K R Mangalam University, Sohna, Haryana, Gurugram, India; Pandey A.K., School of Management, CMR University, Karnataka, Bengaluru, India; Reddy P.C.S., Department of CSE, Gokaraju Rangaraju Institute of Engineering and Technology, Telangana, Hyderabad, India		Conference paper
195	Patidar, Deepak (59374275900); Pramod Kumar, A. (60888185400); Pandey, Kamla Kant (60773035100); Ediga, Poornima (57190393367); Anusha, B. (55912481200); Kaur, Dilraj Preet (26640492900)	Optimal Fog Resource Management Through Deep Q-Network with Experience Replay and Reinforcement Learning	2025	0	0	0	Goal 7	0	10.1109/ICIH67754.2025.11608587	https://www.scopus.com/pages/publications/105046370812?origin=resultslist	Patidar D., Department of Electronics & Communication Engineering, IES College of Technology, Bhopal, India; Pramod Kumar A., CMR Engineering College, Hyderabad, India; Pandey K.K., Centre for Promotion of Research, Graphic Era Deemed University, Dehradun, India; Ediga P., Department of AIML, GRIET, Telangana, India; Anusha B., Department of Elelctonics and Communication Engineering, MLR Institute of Tenchnology, Telangana, India; Kaur D.P., School of Engineering and Technology, K R Mangalam University, Gurugram, India	979-833155644-0	Conference paper
196	Alsharif, Mohammed H. (55968967000); Jahid, Abu (36988077400); Kannadasan, Raju (57203575022); Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Nisar, Kottakkaran Sooppy (56715663200); Abdel-Aty, Abdel-Haleem (56962788300); Kim, Mun-Kyeom (36679155300)	Survey of energy-efficient fog computing: Techniques and recent advances	2025	1.76	2.27	0	Goal 7	26	10.1016/j.egyr.2025.01.039	https://www.scopus.com/pages/publications/85215594119?origin=resultslist	Alsharif M.H., Department of Electrical Engineering, College of Electronics and Information Engineering, Sejong University, 209 Neungdong-ro, Gwangjin-gu, Seoul, 05006, South Korea; Jahid A., School of Electrical Engineering and Computer Science, University of Ottawa, 25 Templeton St., Ottawa, K1N 6N5, ON, Canada; Kannadasan R., Academy for Product Development & Technology Excellence, TVS Institute of Quality & Leadership, TVS motors Company, Anekal, Banglore, 562107, India; Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India, Applied Science Research Center, Applied Science Private University, Amman, 11931, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Nisar K.S., Department of Mathematics, College of Science and Humanities in Alkharj, Prince Sattam Bin Abdulaziz University, Alkharj, 11942, Saudi Arabia; Abdel-Aty A.-H., Department of Physics, College of Science, University of Bisha, Bisha, 61922, Saudi Arabia; Kim M.-K., School of Energy System Engineering, Chung-Ang University, 84 Heukseok-ro, Dongjak-gu, Seoul, 06974, South Korea		Review