Publications in SCOPUS Indexed Journals
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SDG-11 Sustainable Cities and Communities

1.	Sushant C.G.; Ajay V.L.; Sahay R.	A Comparative Analysis of Deep Learning Algorithms for Intrusion Detection in IoT	2024	Proceedings of the 2024 International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2024			10.1109/ICETCI62771.2024.10704119	https://www.scopus.com/pages/publications/85207825595?origin=resultslist
2.	Sri P.P.; Prasuna V.N.P.; Nilugal S.M.; Murugesan R.; Prasad K.P.	Panacea for Exorbitant Trends of Air Pollutants: Creative Destruction Model of Electric Vehicles	2024	Indian Journal of Environmental Protection	44	3		https://www.scopus.com/pages/publications/85192752643?origin=resultslist
3.	Chauhan V.; Yadav J.	Bibliometric review of telematics-based automobile insurance: Mapping the landscape of research and knowledge	2024	Accident Analysis and Prevention	196		10.1016/j.aap.2023.107428	https://www.scopus.com/pages/publications/85181039181?origin=resultslist
4.	Nukhu R.; Singh S.	Buying Used Clothes: Technology-Enabled Sustainability	2024	Women's Private Practices of Knowledge Production in Early Modern Europe			10.4324/9781003487180-34	https://www.scopus.com/pages/publications/85197555172?origin=resultslist
5.	Singh S.; Rai A.	Harnessing Innovation for Sustainable Urban Futures: A Deep Dive Into Smart Cities and Sustainable Urban Development	2024	Nexus of AI, Climatology, and Urbanism for Smart Cities			10.4018/979-8-3693-5918-1.ch013	https://www.scopus.com/pages/publications/105007378310?origin=resultslist
6.	Narsimhulu P.; Sahay R.; Chithaluru P.	Optimal Transportation System Based on Adaptive Federated Learning Techniques for Healthcare IoV (HIoV)	2024	Unmanned Aircraft Systems			10.1002/9781394230648.ch14	https://www.scopus.com/pages/publications/85213781797?origin=resultslist
7.	Halgatti A.; Chethana G.; Shivaprasad G.;	Recent Advances in Pedestrian Identification Using LiDAR and Deep	2024	Lecture Notes in Networks and Systems	1168 LNNS		10.1007/978-3-031-73321-5_20	https://www.scopus.com/pages/publications/85213328499?origin=resultslist

Publications in SCOPUS Indexed Journals
Aligned to SDGs

	Gayathri R.; Babu S.R.; Girish G.P.	Learning Methods in Autonomous Vehicles						
8.	Hanumanthakari S.	Intelligent and real-time Parking System	2024	E3S Web of Conferences	472		10.1051/e3sconf/202447203003	https://www.scopus.com/pages/publications/85183289946?origin=resultslist
9.	Shaik H.S.; Harshini B.; Reddy V.S.	Redefining Urban Development: Technology and Automation in India	2024	Internet of Things	Part F2482		10.1007/978-981-97-0052-3_16	https://www.scopus.com/pages/publications/85189075643?origin=resultslist
10.	Sahay R.; Nayyar A.; Shrivastava R.K.; Bilal M.; Singh S.P.; Pack S.	Routing attack induced anomaly detection in IoT network using RBM-LSTM	2024	ICT Express	10	3	10.1016/j.icte.2024.04.012	https://www.scopus.com/pages/publications/85193021036?origin=resultslist
11.	Meduri Y.; Singh R.; Manoharan G.	Key networks to create disaster resilient Smart Cities Mission: A case for remodeling India's Smart Cities Mission to include disaster resilience	2024	Resilient Cities and Structures	3	4	10.1016/j.rcns.2024.09.001	https://www.scopus.com/pages/publications/85207766198?origin=resultslist
12.	Saranya V.S.; Subbarao G.; Balakotaiah D.; Bhavsingh M.; Babu K.S.; Dhanikonda S.R.	Real-Time Traffic Flow Optimization using Adaptive IoT and Data Analytics: A Novel DeepStreamNet Model	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings			10.1109/ICSES63445.2024.10763109	https://www.scopus.com/pages/publications/85214821918?origin=resultslist
13.	Somala S.N.; Chanda S.; Alhamaydeh M.; Mangalathu S.	Explainable XGBoost-SHAP Machine-Learning Model for Prediction of Ground Motion Duration in New Zealand	2024	Natural Hazards Review	25	2	10.1061/NHREFO.NHENG-1837	https://www.scopus.com/pages/publications/85183883481?origin=resultslist
14.	Jha R.K.	Interference Challenges and Mitigation Strategies for LoRa in Dense IoT Networks: A Review	2025	Journal of Engineering Science and Technology Review	18	6	10.25103/jestr.186.20	https://www.scopus.com/pages/publications/105027109340?origin=resultslist
15.	Kaur T.; Ankita; Bag A.; Soni M.; Gantayat P.K.; Panwar K.R.	A Review of Computational Intelligence Approaches for Fault-Tolerant IoT	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025			10.1109/ICNSoC66817.2025.00029	https://www.scopus.com/pages/publications/105033224685?origin=resultslist

Publications in SCOPUS Indexed Journals
Aligned to SDGs

		Federated Learning Systems						
16.	Sreejith S.; Panigrahy A.K.; Ajayan J.; Radhika J.M.; Reddy N.V.R.; Reddy N.V.U.; Umamaheswaran S.	IoT sensor-based systems in real-time monitoring of health and environment: a review	2025	Journal of the Korean Physical Society	87	1	10.1007/s40042-025-01378-7	https://www.scopus.com/pages/publications/105005789012?origin=resultslist
17.	Ramu T.B.; Kocherla R.; Sirisha G.N.V.G.; Chetana V.L.; Sagar P.V.; Balamurali R.; Boddu N.	Transformer based models with hierarchical graph representations for enhanced climate forecasting	2025	Scientific Reports	15	1	10.1038/s41598-025-07897-4	https://www.scopus.com/pages/publications/105010106934?origin=resultslist
18.	Jayanthi S.; Suhasini S.; Sharmili N.; Laxmi Lydia E.; Shwetha V.; Dash B.B.; Bachute M.	A deep dive into artificial intelligence with enhanced optimization-based security breach detection in internet of health things enabled smart city environment	2025	Scientific Reports	15	1	10.1038/s41598-025-05850-z	https://www.scopus.com/pages/publications/105009627969?origin=resultslist
19.	Ikrama S.; Qumer S.M.	DiDi's growth in Latin America: strategies for success in emerging markets	2025	Emerald Emerging Markets Case Studies	15	3	10.1108/EEMCS-04-2025-0210	https://www.scopus.com/pages/publications/105025095323?origin=resultslist
20.	Chatterjee K.; Thara M.N.; Reddy M.S.; Selvamuthukumaran N.; Priyadharshini M.; Reddy T.A.V.; Chakraborty S.; Mallik S.; Shah M.A.; Li A.	Ecosense: a revolution in urban air quality forecasting for smart cities	2025	BMC Research Notes	18	1	10.1186/s13104-025-07099-1	https://www.scopus.com/pages/publications/85218483858?origin=resultslist
21.	Suryadevara R.; Arun Kumar A.; Hariharan K.; Hari Krishna B.	Innovative sustainable business models for the automobile industry in India	2025	Innovation Ecosystems and Sustainable Technologies: Enhancing Competitiveness and Sustainability			10.1108/978-1-83662-368-720251004	https://www.scopus.com/pages/publications/105009450409?origin=resultslist

Publications in SCOPUS Indexed Journals
Aligned to SDGs

22.	Kumar S.; Midya K.; Ghosh S.; Kumar P.; Mishra V.N.	Land use change analysis and prediction of urban growth using multi-layer perceptron neural network Markov chain model in Faridabad- A data-scarce region of Northwestern India	2025	Physics and Chemistry of the Earth	138		10.1016/j.pce.2025.103884	https://www.scopus.com/pages/publications/85217049625?origin=resultslist
23.	Maturi S.M.; Dhanikonda S.R.; Giddaluru S.	Smart Dustbins: Real-Time Monitoring and Optimization for Waste Management in Smart Cities through IoT Devices	2025	Engineering, Technology and Applied Science Research	15	1	10.48084/etasr.8562	https://www.scopus.com/pages/publications/85217675143?origin=resultslist
24.	Chandrashekhar A.; Aancy H.M.; Santhi G.; Kumar C.; Jaiganesh S.; Bohidar S.K.	Development of AI-Based Control Systems for Electric Vertical Take-Off and Landing (eVTOL) Vehicles	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025			10.1109/ICONSTEM65670.2025.11374909	https://www.scopus.com/pages/publications/105034482112?origin=resultslist
25.	Narayana M.V.; Parthasaradhy P.; Kumar P.J.; Chebrolu S.K.; Shrivastava S.; Babu S.D.; Dey N.S.	A novel integrated framework for secure iot-based smart vehicle management using machine learning and blockchain for path planning and collision avoidance	2025	Journal of Theoretical and Applied Information Technology	103	21		https://www.scopus.com/pages/publications/105024842057?origin=resultslist
26.	Dash D.P.; Dash A.K.; Parida Y.	Lethal attraction: crime as tourism externality-evidence from the Indian states	2025	Asia Pacific Journal of Tourism Research	30	1	10.1080/10941665.2024.2426196	https://www.scopus.com/pages/publications/85209878565?origin=resultslist
27.	Aier B.; Singh N.; Singh P.K.	Cultural fusion: Tradition meets faith in nagaland, a way forward for religious tourism in India	2025	Challenges, Opportunities, and Limitations of Religious Tourism in the Next Decade				https://www.scopus.com/pages/publications/105013534956?origin=resultslist

Publications in SCOPUS Indexed Journals
Aligned to SDGs

28.	Singh S.; Sayyad M.	Driving sustainable consumption through traditional Indian farming practices – can Deccan Development Society (DDS) sustainably scale it?	2025	Emerald Emerging Markets Case Studies	15	2	10.1108/EEMCS-01-2024-0029	https://www.scopus.com/pages/publications/105024571436?origin=resultslist
29.	Raghavendra Rao G.N.; Muralidhara G.V.; Sidenur L.	Impact of Industrialization on Urban Temperature: A Comparative Study of Bengaluru, Vadodara, and Visakhapatnam	2025	Lecture Notes in Networks and Systems	1277 LNNS		10.1007/978-981-96-2700-4_22	https://www.scopus.com/pages/publications/105011262865?origin=resultslist
30.	Jeet D.; Mohanty S.N.; Basa S.S.	Sustainability and Sustainable Development From Vision To Reality	2025	Sustainability and Sustainable Development From Vision To Reality				https://www.scopus.com/pages/publications/105006477675?origin=resultslist
31.	Bhuvaneswari G.; Manikandan G.; Sandhya M.; Kumar D.; Choudhury Z.H.; Rao T.P.	Early fire hazard prediction framework in smart cities using deep learning with antlion optimization algorithm	2025	Journal of Theoretical and Applied Information Technology	103	15		https://www.scopus.com/pages/publications/105016511435?origin=resultslist