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Designation: Associate Professor

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No. of Publication: 15

Journal Publication:

Type of Journal	DOI No.	Name of the Article	Name of the Author	ISSN No.	Year of Publication
	https://doi.org/10.1504/IJWM.C.2023.10062691	A prototype model of an unmanned automated railway level crossing traffic control system using ultrasonic and infrared sensors	Guha, Priyadarshi, Sukanya Kool, Rishabh Pipalwa, Aakash Acharjee, and *Abhijit Paul	1741-1084	2024
	https://doi.org/10.15864/ajac.22013	Exploring the evolving landscape of security threats in IoT: Challenges and Countermeasures	Aakash Acharjee, Sabyasachi Mondal, Rishabh Pipalwa, Arjun Mitra, Abhijit Paul	2691-5944	2024
	https://doi.org/10.1007/s42979-023-02230-0	Optimizing Dynamic Ride Sharing with Multiple Objectives	Chakma, Samar Bijoy, Rishabh Pipalwa, Sabyasachi Mondal, Abhijit Pandit, and *Abhijit Paul	2661-8907	2023
	https://doi.org/10.1504/IJWM.C.2023.133067	An automatic accident detection system for trains using onboard monitoring system	Guha, Priyadarshi, Sukanya Kool, and *Abhijit Paul	1741-1084	2023
	https://doi.org/10.31449/inf.v47i1.3629	Prediction of Heart Disease Using Modified Hybrid Classifier	Rishabh Pipalwa, *Abhijit Paul	0350-5596	2023
	https://doi.org/10.5958/2322-0465.2015.00003.9	Comparative performance analysis of IEEE 802.15.4	*Abhijit Paul, Prodipto Das	NA	2015

		in WSN using NS2			
	NA	Flood Prediction Model using Artificial Neural Network	*Abhijit Paul, Prodipto Das	NA	2014
	NA	Energy Efficient Routing Strategy for Wireless Sensor Networks	*Abhijit Paul, Prodipto Das	NA	2013
	NA	Design of Flood Monitoring System in Assam using Wireless Sensor Network	*P Das, A Paul	NA	2012

Book Chapter Publication :

DOI No.	Name of the Article	Name of the Author	ISBN No.	Year of Publication
https://doi.org/10.1007/978-981-97-7532-3_27	Water Distribution Network Using IoT Sensors for Residential Areas from Household Rainwater	Abhijit Paul, Rishabh Pipalwa, Medha Gupta	978-981-97-7531-6	2025
https://doi.org/10.1109/EDKCON62339.2024.10870780	Enhancing Ultrasonic-Based Distance Measurement Accuracy Through Error Correction Mechanism	Paul, Abhijit, Arjun Mitra, Prachi Bansal, Mudit Saraff, Bikash Debnath, and Jadav Chandra Das	979-8-3503-7465-0	2025
https://doi.org/10.1007/978-981-19-5191-6_13	Efficient Heart Disease Prediction Using Modified Hybrid Classifier	Pipalwa, R., Paul, A., Mukherjee, T., & Jain, A.	978-981-19-5190-9	2022
https://doi.org/10.1007/978-981-16-5207-3_1	Internet of Things-Based Animal Health Monitoring and Management	*Paul A., Guha P.	978-981-16-5206-6	2022
https://doi.org/10.1515/9783111331133-009	IoT security enhancement through blockchain	Abhijit Paul , Kunal Das and Saurav Sen	9783111329796	2024

	solutions			
https://doi.org/10.1201/9780429318078-7	IoT Networks For Healthcare	Abhijit Paul, Medha Gupta	9780367331238	2021

Other Publication Details (if any)