



Soumyabrata Saha

JIS COLLEGE OF ENGINEERING

Wireless Sensor Networks

Mobile Ad Hoc Networks

	All	Since 2015
Citations	69	50
h-index	5	4
i10-index	2	2

TITLE	CITED BY	YEAR
Affinity Based Clustering Routing Protocol for Vehicular Ad hoc Networks M Bhaumik, S DasGupta, S Saha Procedia engineering 38, 673-679	16	2012
Weight Based Hierarchical Clustering Algorithm for Mobile Ad hoc Networks S Sahana, S Saha, S DasGupta Procedia engineering 38, 1084-1093	13	2012
Cluster Based Mobility Considered Routing Protocol for Mobile Ad Hoc Network S Saha, R Chaki International Conference on Computer Science and Information Technology, 33-42	9	2011
Hierarchical cluster based query-driven routing protocol for wireless sensor networks S Saha, R Chaki Proceedings of the International Conference on Information Systems Design ...	7	2012
Identity Based Secure Algorithm for VANET A Chaudhuri, S DasGupta, S Saha Procedia Engineering 38, 165-171	5	2012
LORP: Least Overhead Routing Protocol for MANET PGSRC S. DasGupta, S. Saha, S. Ghosh International Conference on Wireless Communication and Sensor Computing ...	5 *	2010
MOADRP: Mobile Ad-hoc Network Routing Protocol SB Saha, SD Gupta, R Chaki 2009 Fifth International Conference on Wireless Communication and Sensor ...	4	2009
Spam Mail Detection Using Data Mining: A Comparative Analysis S Saha, S DasGupta, SK Das Smart Intelligent Computing and Applications, 571-580	3	2019
Malware Detection in Android Using Data Mining S Dasgupta, S Saha, SK Das International Journal of Natural Computing Research (IJNCR) 6 (2), 1-17	2	2017
Weighted energy efficient cluster based routing for wireless sensor networks S Saha, R Chaki IFIP International Conference on Computer Information Systems and Industrial ...	2	2012
LBSPR: Location Based Shortest Path Routing Protocol in MANET S DasGupta, S Saha, D Bhowal, D Bhowmik 2010 IEEE International Conference on Computational Intelligence and ...	2	2010

TITLE	CITED BY	YEAR
Remote Healthcare Development Using Vehicular Ad Hoc and Wireless Sensor Networks S DasGupta, S Saha, K Chatterjee Progress in Computing, Analytics and Networking, 429-437	1	2018
Smart Home Automation P Pandey, D Pandey, K Mondal, P Pranjali, S Saha, S Dasgupta https://ssrn.com/abstract=3515872		2020
Project Management System Using Blockchain Ethereum Platform SK Das, D Pandey, B Dey, S Dasgupta, S Saha https://ssrn.com/abstract=3503505		2019
Cluster Based Framework for Alleviating Buffer Based Congestion for Wireless Sensor Network S Saha, R Chaki Computer Information Systems and Industrial Management. CISIM 2019, ISBN ...		2019
Impact of Data Mining Techniques in Predictive Modeling: A Case Study S DasGupta, S Saha, SK Das Emerging Technologies in Data Mining and Information Security, 579-590		2019
Realization of Outcome-Based Education through Teaching Learning Methodology in Engineering Institution R Chowdhury, S Saha, S Sahana, D Sanki Industry Interactive Innovations in Science, Engineering and Technology, 609-618		2018
Hierarchical Data Aggregation Based Routing for Wireless Sensor Networks S Saha, R Chaki, N Chaki International Conference on Computational Collective Intelligence, 168-179		2016
A Study of Energy Efficient Routing Protocols for Wireless Sensor Networks S DasGupta, S Saha International Journal of Scientific & Engineering Research; ISSN 2229-5518 7 ...		2016
A Study of Hierarchical Routing Protocol for Wireless Sensor Networks S DasGupta, S Saha International Journal of Scientific & Engineering Research; ISSN 2229- 5518 ...		2015



Suparna Dasgupta

Department of Information Technology, JIS
College of Engineering

Vehicular Adhoc Networks
Wireless Sensor Networks
Mobile Adhoc Networks
Data Mining

	All	Since 2015
Citations	62	45
h-index	5	4
i10-index	2	2

TITLE	CITED BY	YEAR
Affinity Based Clustering Routing Protocol for Vehicular Ad hoc Networks M Bhaumik, S DasGupta, S Saha Procedia Engineering 38, 673-679	16	2012
Weight Based Hierarchical Clustering Algorithm for Mobile Ad hoc Networks S Sahana, S Saha, S DasGupta Procedia engineering 38, 1084-1093	13	2012
TruVAL: trusted vehicle authentication logic for VANET S DasGupta, R Chaki, S Choudhury International Conference on Advances in Computing, Communication and Control ...	7	2013
AMOBIRROUTE: An Advanced Mobility Based Ad Hoc Routing Protocol for Mobile Ad Hoc Networks S DasGupta, R Chaki 2009 First International Conference on Networks & Communications, 88-92	6	2009
Identity Based Secure Algorithm for VANET A Chaudhuri, S DasGupta, S Saha Procedia engineering 38, 165-171	5	2012
MOADRP: Mobile Ad hoc Network Routing Protocol RC S.B.Saha, S.DasGupta IEEE Proceedings of the Fifth International Conference on Wireless ...	4 *	2009
Spam Mail Detection Using Data Mining: A Comparative Analysis S Saha, S DasGupta, SK Das Smart Intelligent Computing and Applications, 571-580	3	2019
Malware Detection in Android Using Data Mining S Dasgupta, S Saha, SK Das International Journal of Natural Computing Research (IJNCR) 6 (2), 1-17	2	2017
LBSPR: Location based shortest path routing protocol in MANET S DasGupta, S Saha, D Bhowal, D Bhowmik 2010 IEEE International Conference on Computational Intelligence and ...	2	2010
Remote Healthcare Development Using Vehicular Ad Hoc and Wireless Sensor Networks S DasGupta, S Saha, K Chatterjee Progress in Computing, Analytics and Networking, 429-437	1	2018
Trust-Based Routing for Vehicular Ad Hoc Network S DasGupta, R Chaki Applied Computation and Security Systems, 187-202	1	2015

TITLE	CITED BY	YEAR
SRPV: A Speedy Routing Protocol for VANET S DasGupta, R Chaki International Conference on Advances in Computing, Communication and Control ...	1	2011
LORP: Least Overhead Routing Protocol for MANET S DasGupta, S Saha, S Ghosh, P Ghosh, S RoyChowdhury 2010 International Conference on Wireless Communication and Sensor Computing ...	1	2010
Smart Home Automation P Pandey, D Pandey, K Mondal, P Pranjali, S Saha, S Dasgupta https://ssrn.com/abstract=3515872		2020
Project Management System Using Blockchain Ethereum Platform SK Das, S Saha, S Dasgupta, D Pandey, B Dey https://ssrn.com/abstract=3503505		2019
Impact of Data Mining Techniques in Predictive Modeling: A Case Study S DasGupta, S Saha, SK Das Emerging Technologies in Data Mining and Information Security, 579-590		2019
A Study of Energy Efficient Routing Protocols for Wireless Sensor Networks S DasGupta, S Saha International Journal of Scientific & Engineering Research 7 (Issue 2)		2016
A Study of Hierarchical Routing Protocol for Wireless Sensor Networks S DasGupta, S Saha International Journal of Scientific & Engineering Research 6 (Issue 10), pp ...		2015



Sumit Das

Assistant Professor, JIS College of Engineering

Artificial Intelligence
Soft Computing
Non-conventional Energy
Computer Sc. & Engg.

	All	Since 2015
Citations	112	109
h-index	5	5
i10-index	1	1

TITLE	CITED BY	YEAR
Applications of artificial intelligence in machine learning: review and prospect S Das, A Dey, A Pal, N Roy International Journal of Computer Applications 115 (9)	66	2015
An integrated design of an auto clean and cooling smart PV panel S Das, A Mohanty, A Dey, A Biswas International Journal of Innovations in Engineering and Technology (IJJET) 4 ...	9	2015
Artificial Intelligent Reliable Doctor (AIRDr.): Prospect of Disease Prediction Using Reliability S Das, MK Sanyal, D Datta Springer Nature: Intelligent Computing Paradigm: Recent Trends, 21-42	7	2019
Real-time video streaming over Bluetooth network between two mobile nodes S Banerjee, D Mondal, S Das, RB Guin International Journal of Computer Science (IJCSI) 7 (3), 37-39	7	2010
AISLDr: Artificial Intelligent Self-learning Doctor S Das, M Sanyal, D Datta, A Biswas Springer Nature: Intelligent Engineering Informatics, 79-90	6	2018
Advanced Diagnosis of Deadly Diseases Using Regression and Neural Network S Das, MK Sanyal, D Datta Springer Nature: Annual Convention of the Computer Society of India, 330-351	5	2018
AI doctor: an intelligent approach for medical diagnosis S Das, S Biswas, A Paul, A Dey Springer Nature: Industry Interactive Innovations in Science, Engineering ...	5	2018
Intelligent Approaches for the Diagnosis of Low Back Pain DD Sumit Das, Dr. Manas Kumar Sanyal Amity International Conference on Artificial Intelligence (AICAI 2019), 684 ...	3	2019
A novel design of Super-Capacitor used to enhance solar-energy restoration of photo-voltaic cells S Das, A Dey, A Biswas, A Mohanty IEEE 2014 1st International Conference on Non Conventional Energy (ICONCE ...	3	2014
Impact of Advance Pedagogy in Engineering and Outcome based Education S Das, S Biswas, A Biswas Communications on Applied Electronics (CAE), Foundation of Computer Science ...	1 *	2017

TITLE	CITED BY	YEAR
Machine intelligent diagnostic system (MIDs): an instance of medical diagnosis of tuberculosis MKS Sumit Das Neural Computing and Applications (2020)		2020
A Comparative Study for Prediction of Heart Diseases Using Machine Learning S Das, MK Sanyal, S Kumar Upadhyay Available at SSRN 3526776		2020
Modelling an Intelligent Schemes for Black Money Versus Poverty Using Fuzzy Cognitive Map S Das, MK Sanyal, D Datta Available at SSRN 3526701		2020
An Intelligent Method for Detecting the Rate of Poverty Level with Reference to Tuberculosis DD Sumit Das, Manas Kumar Sanyal, Dipansu Mondal International Journal of Recent Technology and Engineering 8 (5), 299-306		2020
Artificial Intelligent Embedded Doctor (AIEDr.): A Prospect of Low Back Pain Diagnosis S Das, M Sanyal, D Datta International Journal of Big Data and Analytics in Healthcare (IJBDAH) 4 (2 ...		2020
Application of AI and Soft Computing in Healthcare: A Review and Speculation SD Manas Kumar Sanyal INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH 8 (11), 1786-1806		2019
A Novel Approach for Generating and Optimizing Electricity by using Runway Exhaust DD Sumit Das, Manas Kumar Sanyal https://www.ijcaonline.org/archives/volume182/number35/das-2019-ijca-918298 ...		2019
Activity-Based Learning (ABL) for Engaging Engineering Students A Biswas, S Das, S Ganguly Industry Interactive Innovations in Science, Engineering and Technology, 601-607		2018



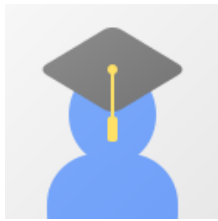
Annwasha Banerjee

JIS College of Engineering

	All	Since 2015
Citations	10	10
h-index	2	2
i10-index	0	0

TITLE	CITED BY	YEAR
<p>An energy-efficient congestion avoidance priority-based routing algorithm for body area network AB Majumder, S Gupta Industry Interactive Innovations in Science, Engineering and Technology, 545-552</p>	5	2018
<p>CBSTD: a cloud based symbol table driven DNA compression algorithm AB Majumder, S Gupta Industry Interactive Innovations in Science, Engineering and Technology, 467-476</p>	3	2018
<p>Machine Learning Based Supplementary Prediction System Using K Nearest Neighbour Algorithm C Ghosh, S Saha, S Saha, N Ghosh, K Singha, A Banerjee, S Majumder Available at SSRN 3517197</p>	1	2020
<p>Proposed Intelligent System to Identify the Level of Risk of Cardiovascular Diseases Under the Framework of Bioinformatics S Gupta, AB Majumder Advancements of Medical Electronics, Lecture Notes in Biomedical Engineering ...</p>	1	2015
<p>Cluster Based Intelligent Load Balancing Algorithm Applied in Cloud Computing Using KNN A Banerjee, G Chatterjee, D Chakraborty, S Majumder Available at SSRN 3503518</p>		2019
<p>Body Area Network using Cluster Based Energy Efficient Routing Somsubhra Gupta, 2 Annwasha Banerjee Majumder, 3Indranath Sarkar, 4Sourav ... IJRAR 6 (1), 42-45</p>		2019
<p>Prediction of Human Genetic Disease based on Guanine - Cytosine Count A Banerjee, AS De, R Halder, G Basak, A Majumder International Journal of Computer Sciences and Engineering 7 (2), 528-531</p>		2019
<p>Priority Based Least Waiting Time Load Balancing Algorithm Applied in Cloud Computing AM A.B Majumder, S. Sil, S. Das International Journal of Computer Sciences and Engineering 6 (3), 384-388</p>		2018
<p>An Alphabetic Position Based Shift Message Encryption Algorithm Applied in Cloud Security AB Majumder, M Dey, K Brahma, A Sengupta 3rd International Conference on Computer Computing and Sensor network 5 (2 ...</p>		2014
<p>A "Zero Added" Additive Homomorphic Algorithm Applied in Cloud Security AB Majumder, M Dey, K Brahma, A Sengupta 1st International conference, MICRO-2014</p>		2014
<p>A LOAD BALANCING ALGORITHM FOR SELECTION OF COMPETENT SERVER IN CLOUD ENVIRONMENT BASED ON CAPACITY, LOAD AND ENERGY AB Majumder, DK Shaw, S Majumder</p>		

TITLE	CITED BY	YEAR
Dynamic Programming Based DNA Compression Algorithm through Substitution Method AB Majumder, S Gupta International Journal of Engineering and Applied Sciences 4 (10)		
Achieving Cloud Security through Multiplicative Homomorphic Algorithm by Adding Zero AB Majumder, DK Shaw, MS Ahmad		



Rupashri Barik

JIS College of Engineering
 Reconfigurable Computing
 Image Processing
 Software Engineering

	All	Since 2015
Citations	7	7
h-index	2	2
i10-index	0	0

TITLE	CITED BY	YEAR
Cumulative Measurement of Image Entropy on Different Mathematical Morphological Operation D Mitra, R Barik, S Roy, S Bhattacharyya ACEEE-CPS, International Conference on Computing, Communication ...	4	
A Survey on Image Segmentation and Image Registration D Mitra, R Barik, S Roy, S Bhattacharyya ACEEE-CPS, International Conference on Computing, Communication ...	3	
Market Basket Analysis Using Apriori Algorithm: A Case Study AKS Somesh Sarkar, Tanusree Saha, Rupashri Barik, Riya Singh Industry Interactive Innovations in Science, Engineering and Technology, 2019		2019
Salary Prediction Using Regression Techniques A Sayan Das, Rupashri Barik Industry Interactive Innovations in Science, Engineering and Technology		2019
Reduction based histogram equalization technique for image enhancement SC Rupashri Barik, Tanusree Saha International Conference on Perceptions in Biomedical Engineering and ...		2019
A Petri-Net Based Representation of Automated Railway Signaling System with Collision Avoidance PS Rupashri Barik, Krishna Santra, Runa Ghosh International Journal of computer sciences and Engineering 5 (12)		2017
An Interactive Robotic Design for Object Detection and Follow up Action AP Banerjee		
Taxonomy of Reconfigurable Computing and Operating System R Barik, A Sinha		
Fingerprint Recognition Technique Based on Radial Distance and Radial Angle Matching Score S Banerjee, R Barik		



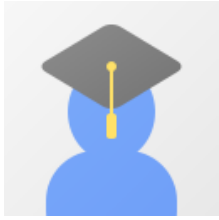
Aniruddha Biswas

JIS College of Engineering

Research in

	All	Since 2015
Citations	21	21
h-index	3	3
i10-index	0	0

TITLE	CITED BY	YEAR
<p>An integrated design of an auto clean and cooling smart PV panel S Das, A Mohanty, A Dey, A Biswas International Journal of Innovations in Engineering and Technology (IJJET) 4 ...</p>	9	2015
<p>AISLDr: artificial intelligent self-learning doctor S Das, M Sanyal, D Datta, A Biswas Intelligent Engineering Informatics, 79-90</p>	6	2018
<p>A novel design of Super-Capacitor used to enhance solar-energy restoration of photo-voltaic cells S Das, A Dey, A Biswas, A Mohanty 2014 1st International Conference on Non Conventional Energy (ICONCE 2014 ...</p>	3	2014
<p>Epizootic ulcerative syndrome in freshwater fishes in Gangetic alluvial zone of West Bengal, India. A Biswas, MK Bhowmik, SK Mukhopadhyay, S Ganguly, D Niyogi Animal Science Reporter 5 (4), 147-152</p>	2	2011
<p>Impact of Advance Pedagogy in Engineering and Outcome based Education S Das, S Biswas, A Biswas Communications 6, 22-27</p>	1	
<p>A Critical Approach to R Programming in the Analysis of lncRNA in Bioinformatics Study A Biswas, A Bagchi, K Saha, A Sarkar Available at SSRN 3526024</p>		2020
<p>Structural Comparison between the Binding Interactions of lbpAB between Pathogenic and Non-Pathogenic Organisms: A Detailed in Sillico Approach S Mitra, R Dasgupta, A Bagchi, A Biswas Available at SSRN 3517098</p>		2020
<p>Activity-Based Learning (ABL) for Engaging Engineering Students A Biswas, S Das, S Ganguly Industry Interactive Innovations in Science, Engineering and Technology, 601-607</p>		2018

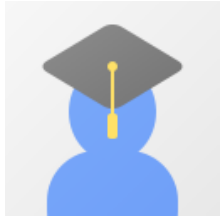


Debashis Sanki

JIS College of Engineering

Cryptography

TITLE	CITED BY	YEAR
Realization of Outcome-Based Education through Teaching Learning Methodology in Engineering Institution R Chowdhury, S Saha, S Sahana, D Sanki Industry Interactive Innovations in Science, Engineering and Technology, 609-618		2018



Prolay Ghosh

Professor of Information Technology
 Cryptography
 VLSI
 Networking

	All	Since 2015
Citations	2	1
h-index	1	1
i10-index	0	0

TITLE	CITED BY	YEAR
Aspects of Low-Power High-Speed CMOS VLSI Design: A Review P Ghosh, T Saha, B Kumari Industry interactive innovations in science, engineering and technology, 385-394	1	2018
LORP: Least Overhead Routing Protocol for MANET S DasGupta, S Saha, S Ghosh, P Ghosh, S RoyChowdhury 2010 International Conference on Wireless Communication and Sensor Computing ...	1	2010
Low Power Low Voltage High Speed Circuit Design Using Strained Silicon P Ghosh		



Tanusree Saha

Professor

Cryptography

Big Data

Cloud Computing

	All	Since 2015
Citations	1	1
h-index	1	1
i10-index	0	0

TITLE	CITED BY	YEAR
Aspects of Low-Power High-Speed CMOS VLSI Design: A Review P Ghosh, T Saha, B Kumari Industry interactive innovations in science, engineering and technology, 385-394	1	2018
Reduction based histogram equalization technique for image enhancement SC Rupashri Barik, Tanusree Saha International Journal of Innovative Technology and Exploring Engineering 8 ...		2019
Inregration and Interelation of Bigdata With Cloud Computing: A Review K Tanusree Saha International Journal of Computer Sciences and Engineering 5 (11)		2018
Complement Based Modified Technique for Message Encryption using Binary Arithmetic DG Tanusree Saha, Prolay Ghosh Ambalika Institute of Management & Technology, Lucknow		2018
Three Tier Data Encryption technique to Hide a Secret Message Combining Different Symmetric Key Encryption Technique to Achieve Data Security Based on ASCII value TS Prolay Ghosh National Conference on Control, Communication & Device Electronics N3CD-2013		2013