

**JIS College of Engineering**  
**Department of Information Technology**  
**Faculty Publications**

Faculty Publication 2019-2020							
Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/ International	ISBN No/ISSN No.	Journal Impact No./SCI Index/
1	Suparna Das Gupta	SBRPV: Security Based Routing Protocol for Vehicular Ad hoc Networks	UBMK 2019-4th International Conference on Computer Science and Engineering	Conference	International		
2	Suparna DasGupta Soumyabrata Saha	Project Management System Using Blockchain Ethereum Platform	ICNNEE2019: International Conference on Nanotechnology & Nanomaterials for Energy And Environment	Conference	International		DOI: 10.2139/ssrn.3503505 Part of ISSN: 1556-5068
3	Annwasha Banerjee	Cluster Based Intelligent Load Balancing Algorithm Applied In Cloud Computing Using KNN	ICNNEE2019: International Conference on Nanotechnology & Nanomaterials for Energy And Environment	Conference	International		DOI: 10.2139/ssrn.3503505 Part of ISSN: 1556-5068
4	SUMIT DAS	Application Of AI And Soft Computing In Healthcare: A Review And Speculation	International Journal of Scientific & Technology research , Volume 8 , Issue 11,2019	Journal	International		<a href="http://www.ijstr.org/">http://www.ijstr.org/</a>
5	Annwasha Banerjee	An Energy Efficient Cluster Based Load Balancing Algorithm Applied In Cloud Computing	CSI-West Bengal State Student Convention	Published and Presented at CSI-West Bengal State Student Convention, 2k19	National		
6	Suparna Das Gupta	Product Review to Rating generation using Machine	Conference paper: I3SET2K19: International Conference on Industry	Conference	International		

		Learning- Review Point	Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019				
7	Suparna DasGupta Soumyabrata Saha	Smart Home Automation	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International	ssrn	<a href="https://ssrn.com/abstract=3515872">https://ssrn.com/abstract=3515872</a> or <a href="http://dx.doi.org/10.2139/ssrn.3515872">http://dx.doi.org/10.2139/ssrn.3515872</a>
8	Annwasha Banerjee	Machine Learning Based Supplymentar y Prediction System using K Nearest Neighbour Algorithm	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International	ssrn	<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3517197">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3517197</a>
9	Sumit Das	A Comparative Study for Prediction of Heart Diseases using Machine Learning	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3526776">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3526776</a>
10	Annwasha Banerjee	Arduino Based Accident Alert Syatem using GNSS and 4G Module	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		

11	Aniruddha Biswas	Structural Comparison between the Binding interaction of IbpAB between pathogenic and non pathogenic Organism : A Detail in Sillico Approach	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		<a href="https://ssrn.com/abstract=3517098">https://ssrn.com/abstract=3517098</a> or <a href="http://dx.doi.org/10.2139/ssrn.3517098">http://dx.doi.org/10.2139/ssrn.3517098</a>
12	Sumit Das	Modeling an Intelligent schemes for Black money versus Poverty using Fuzzy Cognitive Map	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3526701">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3526701</a>
13	Tanusree Saha Prolay Ghosh	IoT Security issues with Block Chain Technology: Review	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		
14	Tanusree Saha Rupashri Barik	Market Basket Analysis Using Priori Algorithm : Case Study	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		
15	Prolay Ghosh Debashis Sanki	A Review on Co operative Bait based Intuition Detection in MANET	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in	Conference	International		<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3515151">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3515151</a>

			Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019				
16	Rupashri Barik	Salary Prediction using Regression Techniques	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3526707">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3526707</a>
17	Aniruddha Biswas	A critical approach to R Programming in the analysis of LNCRNA in Bioinformatics Study	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		<a href="http://dx.doi.org/10.2139/ssrn.3526024">http://dx.doi.org/10.2139/ssrn.3526024</a>
18	Prolay Ghosh Tanusree Saha	An improved Reputation Based Approach for malicious Node detection system in MANET	Conference paper: I3SET2K19: International Conference on Industry Interactive Innovations in Science, Engineering and Technology, 13-14 <sup>th</sup> December,2019	Conference	International		
19	Sumit Das	An Intelligent Method for detecting the rate of poverty level with reference to Tuberculosis	International Journal of Recent Technology and Engineering (IJRTE )	Journal	International	Scopus	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i5/E4845018520.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i5/E4845018520.pdf</a>
20	Sumit Das	Artificial Intelligence: Embedded Doctor(AIEDR ): A prospect of Low back pain	International Journal of Big Data and Analytics in Healthcare (IJBDAH)	Journal	International	ACM-DL	<a href="https://www.igi-global.com/article/artificial-intelligent-embedded-doctor-">https://www.igi-global.com/article/artificial-intelligent-embedded-doctor-</a>

		Diagnosis:					aiedr/247457
21	Soumyabrata Saha	Cluster Based Framework for Alleviating Buffer Based Congestion for Wireless Sensor Network:	CSISM 2019(Book Chapter)	Book Chapter: <a href="#">Lecture Notes in Computer Science</a>		Book Chapter	<a href="https://link.springer.com/chapter/10.1007/978-3-030-28957-7_16">https://link.springer.com/chapter/10.1007/978-3-030-28957-7_16</a>
22	Soumyabrata Saha	A Study on Energy efficient Routing Protocols for Wireless Sensor Networks	7 <sup>th</sup> Doctoral Symposium on Applied Computation and Security System(ACSS): Volume Eleven:	Book chapter: Advances in Intelligent Systems and Computing	International		Springer
23	Aniruddha Biswas	A database of lncRNAs involved in neurodegenerative diseases and oxidative stress.	UGC Sponsored National Conference on Stress Responses and Diseases: KU	Conference	National		

**Faculty Publication 2018-2019**

Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/ International	ISBN No/ISSN No.	Journal Impact No./SCI Index/
1	<b>Das S.</b> , Sanyal M.K., Datta D.	Advanced Diagnosis of Deadly Diseases Using Regression and Neural Network	. In: Mandal J., Sinha D. (eds) Social Transformation – Digital Way. CSI 2018. Communications in Computer and Information Science, vol 836. Springer, Singapore, Print ISBN978-981-13-1342-4, Online ISBN978-981-13-1343-1, DOI <a href="https://doi.org/10.1007/978-981-13-1343-1_29">https://doi.org/10.1007/978-981-13-1343-1_29</a> (24th August 2018)	Journal	International	Scopus	
2	<b>S Dasgupta, S Saha,</b> K Chatterjee	Remote Healthcare Development Using Vehicular Ad hoc and Sensor Networks	Source Title : Advances in Intelligent system and computing  International Conference on Computing Analytics and Networking (ICCAN 2017)DOI: 10.1007/978-981-10-7871-2_41	Journal	International	Scopus	
3	Sumit Das	A Novel Approach for Generating and Optimizing Electricity by using Runway Exhaust	International Journal of Computer Applications 182(35):4-11. DOI: 10.5120/ijca2019918298	Journal	International		
4	Sumit Das	Intelligent Approaches for the Diagnosis of Low Back Pain AMITY: International Conference On Artificial Intelligence - AICAI'19,	AMITY: International Conference On Artificial Intelligence - AICAI'19, 4-6 Feb, 2019, IEEE Conference Record Number 45948, technically co-sponsored by IEEE UAE section	Conference	International		

5	Annwasha Banerjee	"Prediction of Human Genetic Disease based on Guanine - Cytosine Count",	International Journal of Computer Sciences and Engineering, Vol.7, Issue.2, pp.528-531, 2019.	Journal	International		
6	Annwasha Banerjee	BODY AREA NETWORK USING CLUSTER BASED ENERGY EFFICIENT ROUTING",	IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P-ISSN 2349-5138, Volume.6, Issue 1, Page No pp.42-45, April 2019,	Journal	International		
7	Sumit Das	Intelligent Approaches for the Diagnosis of Low Back Pain	2019 Amity International Conference on Artificial Intelligence (AICAI), Year: 2019, Pages: 684 – 695, Date Added to IEEE Xplore: 29 April 2019, DOI: <a href="https://doi.org/10.1109/AICAI.2019.8701266">10.1109/AICAI.2019.8701266</a> ,	Journal	International		
8	Sumit Das	Artificial Intelligent Reliable Doctor (AIRDr.): Prospect of Disease Prediction Using Reliability.	In: Mandal J., Sinha D. (eds) Intelligent Computing Paradigm: Recent Trends. Studies in Computational Intelligence, vol 784, First Online 24 April 2019, DOI <a href="https://doi.org/10.1007/978-981-13-7334-3_3">https://doi.org/10.1007/978-981-13-7334-3_3</a> , Publisher Name: Springer Nature, Singapore, Print ISBN 978-981-13-7333-6, Online ISBN 978-981-13-7334-3	Book Chapter	International		
9	Rupashri Barik, Tanusree Saha	“Reduction Based Histogram Equalization Technique For Image Enhancement”	International Conference On Perceptions In Biomedical Engineering & Affordable Healthcare Technologies on 13th - 14th May , 2019 Organized by Sahrdaya College of Engineering and Technology & Techown, Kerala	Conference	International		

Faculty Publication 2017-2018							
Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/ International	ISBN No/ISSN No.	Journal Impact No./SCI Index/
1	Annwasha Banerjee, Dipak Kumar Shaw	A Load Balancing Algorithm for Selection of Competent Server based on Capacity Load and Energy	Indian Journal of Computer Science and Engineering (IJCSE) Vol. 8 No. 4 Aug-Sep 2017	Journal	National	ISSN : 0976-5166	DOAJ, Google Scholar
2	Som subhra Gupta, Soumya brata Saha, Suchandan Ganguly	A Secured Heuristic Routing Algorithm for Vehicular Ad-Hoc Networks,	International Journal of Latest Trends in Engineering and Technology Vol.(8)Issue(3), pp.361-371, 2017	Journal	International	e-ISSN : 2278-621X	
3	Somsubhra Gupta, Debasmita Mula	Precaution of Heart Failure Based on Computer Aided Diagnosis System	International Journal of Latest Trend in Engineering Technology, Volume 8, Issue: 4, pp. 36-44,2017	Journal	International	ISSN: 2319-3778	
4	Somsubhra Gupta, Ritadrik Chowdhury	An embedded AI System for enhancement of Computer Literacy rate with case study in INDIA	International Journal of Latest Trend in Engineering Technology, Volume 8, Issue: 4, pp. 36-44,2017	Journal	International	ISSN: 2319-3778	
5	K.G. Verma, S. Gupta, D. Mitra	Identification of mass of tissue growth in brain - region under the framework of image segmentation	International Journal of Latest Trend in Engineering Technology (IJLTET: Thomson Reuters / UGC approved, Impact: 4.490, GI: 0.685/1) ISSN: 2319-3778 / 2278-621X (e), Volume 8, Issue: 4, pp.179-186, 2017	Journal	International	ISSN: 2319-3778/ 2278-621X	
6	Sumit Das, Aniruddha Biswas,	AISLDr: Artificial Intelligent Self-	6 <sup>th</sup> International Conference on Frontiers of	Conference	International	ISBN: 978-981-10-7565-0	Scopus

	Debomay Dutta	Learning Doctor	Intelligence Computing: Theory and Applications (FICTA 2017)			DOI: 10.1007/978-981-10-7566-7_9	
7	Suparna DasGupta, Soumyabrata Saha, Koyel Chatterjee	Remote Healthcare Development Using Vehicular Ad hoc and Sensor Networks	International Conference on Computing Analytics and Networking (ICCAN 2017)	Conference	International	ISBN: 9789811078705	ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink
8	Annwasha Banerjee Majumder, Somsubhra Gupta	Dynamic Programming Based DNA Compression Algorithm through Substitution Method	International Journal in Engineering & Applied Science. Vol.4, Issue 10, October 2017	Journal	International	ISSN:2394-3661	
9	Sumanta Chatterjee, Dr. Somsubhra Gupta	"Information mining and e-marketing plan on real time data in cottage industries.	International Journal of Engineering and Applied Sciences (IJEAS: Thomson Reuters / UGC approved, SJIF: 5.138 ; PIF:3.854 ) ISSN: 2394-3661, Volume-4, Issue-10, October 2017	Journal	International	ISSN: 2394-3661	
10	Somsubhra Gupta, A. Pramanik	Partial development of a Prototype Dimensional Model of Data Warehouse for the Engineering Education Information System in West Bengal	International Journal of Engineering and Applied Sciences Volume-4, Issue-10, October 2017	Journal	International	ISSN: 2394-3661	
11	Somsubhra Gupta, Abhishek Haldar, Deb Govind Ganguly	Heuristic detection of blockage in coronary arteries from cardiac magnetic resonance imaging images and predicting heart failure risk using digital image processing	International Journal of Latest Trend in Engineering Technology, Volume 8, Issue: 4, pp. 06-14, 2017.	Journal	International	ISSN: 2319-3778	
12	Tanusree Saha, Kakali Das	Integration and Interrelation of Big data With Cloud Computing: A Review	International Journal of computer sciences and Engineering, (IJCSE) Volume 5, Issue: 11, pp. 181-185, 2017,November	Journal	International	ISSN: 2347-2693	

13	Rupashri Barik, Krishna Santra, Runa Ghosh, Pronay Sarkar	A Petri-Net Based Presentation of Automated Railway Signaling System with Collision Avoidance	International Journal of computer sciences and Engineering, (IJCSE) Volume 5, Issue:12, 2017,December	Journal	International	ISSN: 2347-2693	
14	Sumanta Chatterjee, Dr. Somsubhra Gupta, Tanusree Saha	An e-Commerce portal for online Medicine trading	International Journal of Engineering and Applied Sciences (IJEAS: Thomson Reuters / UGC approved, SJIF: 5.138 ; PIF:3.854 ) ISSN: 2394-3661, Volume-4, Issue-12, December, 2017	Journal	International	ISSN: 2394-3661	
15	Suparna Das Gupta, Soumyabrata Saha, Suman Kumar Das	Stock Price Forecasting Using Machine Learning	International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing. (EECCMC 2018), Organized by Priyadarshini Engineering College 28 <sup>th</sup> -29 <sup>th</sup> January 2018	Conference	International		IEEE Xplore Digital Library
16	Suparna DasGupta, Soumyabrata Saha, Suman Kumar Das	Malware Detection in Android Using Data Mining	International Journal of Natural Computing Research (IJNCR) 30 <sup>th</sup> January 2018. Vol:6, Issues-2	Journal	International	DOI: 10.4018/IJNCR.2017070101	ACM Digital library,DBLP, Cabell's Directories, Google Scholar, JournalTOCs,IN SPEC
17	Soumyabrata Saha, Suparna DasGupta, Suman Kumar Das	Spam Mail Detection Using Data Mining: A Comparative Analysis	2 <sup>nd</sup> International Conference on Smart Computing & Informatics (SCI-2018) , 27 <sup>th</sup> -28 <sup>th</sup> January.	Conference	International		ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink
18	Debashis Sanki , Aditya Rathi, Dheeraj Kuma, Rahul Kumar	Enhance Security in Least Significant Bit Algorithm for Image Steganography	International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing ( EECCMC 2018)	Conference	International		

			28 <sup>th</sup> -29 <sup>th</sup> January 2018				
19	Sumit Das	Advanced diagnosis of deadly diseases using regression and Neural	CSI2017: International Conference on Social Transformation-Digital way 18th-21th January, 2018	Conference	International		Publish in Springer CCIS
20	Prolay Ghosh , Barsha Kumari, Priyanka Singh, Nandini Tiwari	An Application to Transfer Audio as Text Message using Encryption Algorithm	International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing ( EECCMC 2018) 28 <sup>th</sup> -29 <sup>th</sup> January 2018	Conference	International		
21	Tanusree Saha, Prolay Ghosh, Debjani Ghosh	Complement Based Modified Technique for Message Encryption using Binary Arithmetic.	International Conference On "Challenges & Opportunities for Technological Innovation in India". COTII-2018 23 <sup>rd</sup> & 24 <sup>th</sup> February	Conference	International		
22	Debashis Sanki Aditya Rathi.	Enhanced Image Steganography based on LSB and Odd-Even Conception	International Conference On "Challenges & Opportunities for Technological Innovation in India". COTII-2018 23 <sup>rd</sup> & 24 <sup>th</sup> February	Conference	International		
23	Suparna Dasgupta, Sankhayan Chowdhury, Rituparna Chaki	Disaster Management System Using VANET	5th International Doctoral Symposium on Applied Computation & Security Systems(ACSS) 9.02.18-12.02.2018	Conference	International		ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink
24	Suparna DasGupta, Soumyabrata Saha, Suman Kumar Das	Imapact of data Mining in Predictive Modelling: A Case Study	International Conference on Emerging Technologies in DataMinig and Information Security, Organizaed by School of Information Technology(IEM Group), 23-25th Feb, 2018	Conference	International		ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink
25	Das S., Sanyal M., Datta D., Biswas A	AISLDr: Artificial Intelligent Self-learning Doctor	In: Bhateja V., Coello Coello C., Satapathy S., Pattnaik P. (eds) Intelligent	Conference	International	DOIhttps://doi.org/10.1007/978-981-10-7566-7_9	Springer,

			Engineering Informatics. Advances in Intelligent Systems and Computing, vol 695. Springer, Singapore, Print ISBN978-981-10-7565-0, Online ISBN978-981-10-7566-7, (11th April 2018).				
26	Annwasha Banerjee Majumder, Shilpi Das, Aditi Mondal, Subhojit Sil,	Priority Based Least Waiting Time Load Balancing Algorithm Applied in Cloud Computing,	International Journal of computer sciences and Engineering, (IJCSE), Volume 6, Issue: 3, pp. 181-185, 2018, April, ISSN: 2347 -2693	Journal	International		

**FACULTY PUBLICATION 2016-2017**

Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conference/Book Chapter)	National/International	ISBN No/ISSN No.	Year of Publication
1.	Annweha Banerjee Majumder, Somsubhra Gupta	"CBSTD: A Cloud Based Symbol Table Driven DNA Compression Algorithm"	Accepted and will be published in the SPRINGER, LNNS of the International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET 2016), 25 <sup>th</sup> - 26 <sup>th</sup> October, 2016	Springer, LNNS	International	yet to be published	2016
2.	Annweha Banerjee Majumder, Somsubhra Gupta	"An Energy Efficient Congestion Avoidance Priority Based Routing Algorithm for Body Area network"	Accepted and will be published in the SPRINGER, LNNS of the International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET 2016), 25 <sup>th</sup> - 26 <sup>th</sup> October, 2016	Springer, LNNS	International	yet to be published	2016
3.	Rajdeep Chowdhury, Soumyabrata Saha, Sudipta Sahana, Debashis Sanki	"Realization of Outcome Based Education through Teaching Learning Methodology in Engineering Institution"	Accepted and will be published in the SPRINGER, LNNS of the International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET 2016), 25 <sup>th</sup> - 26 <sup>th</sup> October, 2016	Springer, LNNS	International	yet to be published	2016
4.	Soumyabrata Saha, Rituparna Chaki, Nabendu Chaki	"Hierarchical Data Aggregation Based Routing for Wireless Sensor Networks"	published in the Lecture Notes in Artificial Intelligence, Vol.9876, pp 168-179, proceedings of the 8th International Conference on	SPRINGER Book Chapter	International		2016

			Computational Collective Intelligence (ICCCI 2016), Halkidiki, Greece, 28th - 30th September 2016				
5.	Mr. Sumit Das, Dr. S. Biswas, Aditi Paul, Aritra Dey	" AI Doctor: An Intelligent Approach for Medical Diagnosis"	Accepted and will be published in the SPRINGER, LNNS of the International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET 2016), 25 <sup>th</sup> - 26 <sup>th</sup> October, 2016	Springer, LNNS	International	yet to be published	2016
6.	Aniruddha Biswas, Sumit Das, Suchandan Ganguly	"Activity Based Learning (ABL) for engaging Engineering Students"	Accepted and will be published in the SPRINGER, LNNS of the International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET 2016), 25 <sup>th</sup> - 26 <sup>th</sup> October, 2016	Springer, LNNS	International	yet to be published	2016
7.	Sohini Banerjee, Rupashri Barik	"Fingerprint Recognition Technique Based on Radial Distance and Radial Angle Matching Score"	published in International Journal of Innovations in Engineering and Technology (IJJET), Volume 7, Issue 3, October 2016, P. 418-422.	Journal	International	ISSN: 2319 - 1058	2016
8.	Prolay Ghosh, Tanusree Saha, Barsha Kumari	"Aspects of Low Power High Speed CMOS VLSI Design: A Review"	Accepted and will be published in the SPRINGER, LNNS of the International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET 2016), 25 <sup>th</sup> - 26 <sup>th</sup> October, 2016	Springer, LNNS	International	yet to be published	2016
9.	Sourav Majumder, I.Sarkar A Banerjee	Majumder "A Customer Churn Mitigation Model in Telecom Sector"	International Conference on Computational Advancement in Applied Science and Engineering(IC2A2SE2016) 4-6 October, 2016	Conference	International		2016
10.	Sumit Das, S.	"Impact of Advance Pedagogy	Foundation of Computer			ISSN : 2017	

	Biswas, Aniruddha Biswas	in Engineering and Outcome based Education”,	Science FCS, New York, USA Volume 6 - No.8, March 2017 - Communications on Applied Electronics (CAE) - ISSN : 2394-4714			2394-4714	
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**FACULTY PUBLICATION (2015-2016)**

Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conference/Book Chapter)	National/International	ISBN No/ISSN No.	Journal Impact factor/SCI Index No.	Year of Publication
1	<b>Suparna DasGupta, Soumyabrat a Saha</b>	" A Study of Hierarchical Routing Protocol for Wireless Sensor Networks"	published in the International Journal of Scientific & Engineering Research, Volume 6, Issue 10, pp:912-918, October 2015,	Journal	International	ISSN 2229-5518		2015
2	<b>S. Gupta,</b>	"Production Systems for Identification of Correspondence between Genetic Patterns and Hand-written Signatures in a Family Hierarchy",	World Congress on Microscopy: Instrumentation, Techniques and Applications in Life Sciences and Materials Sciences (WCM 2015) October, 2015					
3	<b>S. Sengupta</b>	A Virtual-Internetworking-Stack (VIS) Approach to Achieve a Flexible,	I.J. Information Engineering and Electronic Business, 2015, 4,58-	Journal	International		DOI: 10.5815/ijieeb.2015.04.08	2015

		Proprietary Security Model by Augmentation of the Transport Layer under the Collaborative Framework of Sine Wave Encryption Technique and Generation of Color QR Codes,	75, Published Online July 2015 in MECS ( <a href="http://www.mecs-">http://www.mecs-</a>					
4	<b>Sumit Das,</b> Aritra Dey, Akash Pal, Ashutosh Mohanty, Nabamita Roy,"	"Applications of Artificial Intelligence in Machine Learning: Review and Prospect	International Journal of Computer Applications", © 2015 by IJCA Journal, Volume 115 - Number 9, Year of Publication: 2015,	Journal	International	ISBN : 973-93-80885-99-6		2015
5	<b>Annwasha B Majumder,</b> Dipak Kumar Shaw, Md. Shabbir Ahmad	"Achieving Cloud Security through Multiplicative Homomorphic Algorithm by Adding Zero",	International Journal of Innovations in Engineering and Technology (IJJET), Volume 6 Issue 2 December 2015	Journal	International	ISSN: 2319 - 1058, P201-205		2015
6	<b>Tanusree Saha</b>	"Complement Based Modified		Journal	International	ISSN 2319 - 1058		<b>2016</b>

		<i>Approach to Secure Small Text Message Combining Triangulation Method"</i>	International Journal of Innovations in Engineering and Technology (IJIET) Volume 6 issue-4					
7	<b>Rupashri Barik, Amithava Sinha</b>	Taxonomy of recon figurable Computing and Operating System	International Journal of Innovations in Engineering and Technology (IJIET) Volume 6 issue-4			ISSN 2319 - 1058		<b>2016</b>
8	<b>Suparna DasGupta, Soumyabrat a Saha</b>	A Study of Energy Efficient Routing Protocols for Wireless Sensor Networks	International Journal of Scientific & Engineering Research, Volume 7, Issue 2, February-2016	Journal	International	ISBN : 973-93-80885-99-6		<b>2016</b>
9	S. Gupta	"The plausible direction of engineering education: a futuristic estimation for accreditation under outcome based	in Proc. of 3rd World Summit on Accreditation (WOSA)-2016 Bloomsbury Pub., pp. 307-312, 2016. organized by					2016



### Faculty Publication 2014-2015

Sl	Author (Including Co- author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No.	Nature of Paper (Journal/Conferen ce/Book Chapter)	National/Internatio nal	ISBN No/ISSN No.	Journal Impact factor/SCI Index No.
1	S. Palui, S. <b>Gupta</b>	"An Unique Sorting Algorithm With Linear Time Complexity",	International Journal of Research in Engineering and Technology (IJRET), Vol.3, Issue. 11, pp. 264-268	Journal	International	ISSN No. 2321- 7308	2.375
2	<b>S. B. Saha,</b> R.Chaki, of Procedia Engineerin g	Hierarchical Routing protocol for Wireless Sensor Network",	"published in the proceedings of Eighth International Multi Conference on Information Processing, IMCIP- 2014,( <b>ELSEVIE R</b> conference), July 2014.	Conference	International		
3	<b>Sumit Das,</b> Ashutosh Mohanty, Aritra Dey, <b>Aniruddha Biswas,</b>	"An Integrated Design of an Auto Clean and Cooling Smart PV Panel",	International Journal of Innovations in Engineering and Technology (IJIET), Vol. 4 Issue 1 June	Journal	International	ISSN: 2319 - 1058	

			2014,				
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