

International Conference publications of 2016

Department of ECE

Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
International Conference On High Performance Computing And Applications	Threshold Voltage Roll-Off For Triple Gate Finfet	Dr. Saradindu Panda, AmitavaAditya, SayanBasu, SauravKhandelwal, Chiradeep Mukherjee, Prof. Dr. B. Maji		12/3/2016		Author And Presenter	
IEEE Sponsored International Conference On Microelectronics, Circuits And Systems (Micro 2016)	Study On DNA As Sensitize Scaffolds In Organic Dye Sensitized Solar Cell	Dr. SaradinduPanda, ParthaSarkar, Prof. B. Maji, Prof. A. K. Mukhopadhyay		31/3/2016	978-93-80813-45-5	Author And Presenter	
IEEE Sponsored 1st International Conference For Devices For Integrated Circuits (Devic	Importance Of DNA Like Organic Molecules in Semicond	Dr. Saradindu Panda, ParthaSarkar, Prof. B. Maji, Prof.		31/3/2016		Author And Presenter	

2016)	uctor Device Area”	A. K. Mukhopad hyay					
IEEE Sponsored 1st International Conference For Devices For Integrated Circuits (DEVIC 2016)	Maximum Absorptio n In Quantum Dot Solar Cell Based On Hyperbolic Band Model	Dr. Saradindu Panda, NandiniSaha, AbhigyanG anguly, Prof. B.Maji		31/3/201 6		Author And Presenter	
MICRO-2016, TEQIP-II, WBUT sponsored 3rd Int. Conference on Microelectronic s, Circuits and Systems	Average power consumpti on and delay analysis of 4 bit binary to grey code converter circuit using nano dimension al MOS transistors	SURAJIT BARI , DEBASHIS DE ,ANGSUMA N SARKAR	Kolkata	7/9/2016	ISBN : 978-93- 80183- 45-5	Author	
TEQIP-II, WBUT Sponsored 1st International Conference Nanocomputing &Nanobiotechn ology	Performan ce Analysis of Dual Gate MOSFET for Sensing Bio-	Surajit Bari , RumaSaho o ,Debashis De, AngsumanS arkar	Kolkata	Oct,2016		Author	

	Particle						
TEQIP-II ,WBUT Sponsored 1st International Conference Nanocomputing & Nanobiotechnology	Digital Circuit Performance of triple material gate-engineered junctionless surrounding gate MOS Transistor	Surajit Bari, Angsuman Sarkar	Kolkata	Oct ,2016		Author	
1 st International Conference on VLSI Device, Circuit and System (VLSI DCS 2016)	Design of 4 Bit Rotate Left Network at Low Power and Small Delay Using MOS Transistor at 45nm Channel Length	Surajit Bari , Debashis De , Angsuman Sarkar	Kolkata	Oct ,2016		Author	
IEEE EDS Kolkata Chapter Sponsored 5 th International Conference on Computing , Communication and Sensor Network (CCSN-2016)	Design Issues for Clock Generation and Distribution Circuit Using Nano Dimensional MOSFET	Surajit Bari , Debashis De , Angsuman Sarkar	Kolkata	Dec,2016		Author	
International Conference on Computational Advancement in Applied Science & Engineering	REMOVAL OF THE ARTIFACTS PRESENT IN THE EXISTING DEHAZING	Sangita Roy, Debasmita Roy, Sriparna Banerjee, Sheli Sinha C	Narula Institute of Technology	4th-6th Oct,2016		Author	Best Paper Award

	TECHNIQUES	haudhuri					
International Conference on Computational Advancement in Applied Science & Engineering	Subjective & Objective Evaluation of Dehazed Image by DCP	Sangitaroy, MainkHore, Sourav Kumar Datta	Narula Institute of Technology	4th-6th Oct,2016		Author	
International Workshop on Machion Vision & Learning, Spring 2016	Dehazing Technique based on Dark Channel Prior model with Sky Masking and its quantitative analysis	Sangita Roy	EE Department, IIT,KGP	5th-6th March 2016	Book of Abstrast	Author	
International Conference on Computational Advancement in Applied Science & Engineering	MODELING AND CONTROL OF SKY PIXELS IN VISIBILITY IMPROVEMENT THROUGH CSA	Sangita Roy, SheliSinhaC haudhuri	Narula Institute of Technology	4th-6th Oct,2016		Author	
CIEC16,January, Department of Applied Physics, University of Calcutta	Dehazing Technique based on Dark Channel Prior model with Sky Masking and its quantitative analysis	Sangita Roy, SheliSinhaC haudhuri	Department of Applied Physics, University of Calcutta	January 28th-30th 2016	IEEE Explore, IEEE Conference ID: 36757, IEEE Xplore Compliant ISBN No.: 978-1-5090-	Author	

					0035-7, IEEE Xplore Compliant Part No.: CFP1697 V-ART, 978-1- 5090- 0035- 7/16/\$31 .00©201 6IEEE		
MICRO 2016	Design Aspects of Braille Display Board for Visually Disabled	Moumita Ghosh, Anirudha Ray, Swati Ghosh. Moupali Roy, Aniruddha Ghosh, Mainuck Das, Biswarup Neogi.	7/9/2016	978-93- 80813- 45-5	Author		
International Conference on Computational Advancement in Applied Science & Engineering	Modelling of Satellite antenna using HFSS	Mainak Hore, Sourav Datta, Piyu Sarcar, Arpita Santra and Sangita Roy	4 th -6 th Oct,2016		Author		
International Conference on Computational Advancement in Applied Science & Engineering	Study of Security Threats in Ad hoc Network and their mitigation	Piyu Sarcar, Arnab Saha, Sabarna Chowdhury, Soma Manna, Arun Kumar Mondal	4 th -6 th Oct,2016		Author		

Advancement of Computer Communication & Electrical Technology	Optimal Path selection for AODV routing protocol in MANET	Soma Manna, Arun Kumar Mondal, PiyuSarcar	21/10/2016	ISBN 9781138 031579	Author		
4th International Conference on Advanced Computing, Networking, and Informatics(ICA CNI 2016)	Introducing MIT Rule towards Improvement of Adaptive Mechanical Prosthetic Arm Control Model	Swati Barui	22-24 Sept 2016		Author		
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE-2016)	Design and Simulation of Op-Amp Based R-2R Ladder Type 4 bit Digital to Analog Converter (DAC) Using 90 NM CMOS Technology	Souen Pal, Arnima Das, Swati Barui, Puspak Pain	4-6th Oct 2016		Author		
International Conference on Computational Advancement in Applied Science & Engineering	Advancement of Microstrip Antenna Towards Wearable Technology: A Review	Soumendu Ghosh, Sk. Ashraful Islam, Satarupa Roy, AbhijitGhosh	Narula Institute of Technology	4 th -6 th Oct,2016	Author		

International conference on computational advancement in applied science and engineering -2016	ANN based adaptive modulation for increasing the QoS of a cognitive radio system	SandhyaPattanayak and Piu Das	Narula Institute of Technology	4-6th Oct 2016		Author	
International Conference on Computational Advancement in Applied Science & Engineering	Study the effect of meditation on heart rate variability- an information therapeutic approach	Tania Paul Das, KaushikSarkar	Narula Institute of Technology	4 th -6 th Oct,2016		Author	
International Conference on Computational Advancement in Applied Science & Engineering	Modelling of Satellite antenna using HFSS	MainakHore, SouravDatta, PiyuSarcar, Arpita Santra and Sangita Roy	Narula Institute of Technology	4 th -6 th Oct,2016		Author	
ICCECE 2016	Enhancement of optical absorption in Plasmonic thin film solar cell	DR. SARADIND U PANDA	IEEE & Techno India University, Kolkata			Author	
V DAT 2016	T-Gate: Concept of partial polarization	DR. SARADIND U PANDA	IEEE & IIT, GUWAHATI	May 24 th - May 27 th 2016		Author	

	n in Quantum dot Cellular Automata						
CCSN 2016	Effect of Nobel metallic nanopartic le to improve in absorption in Plasmonic thin film Solar cell	DR. SARADIND U PANDA	IEEE EDS KOLKATA CHAPTER	24-25 Dec 2016		Author	

Department of EE

Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
International Conference on computational Advancement in Applied Science and Engineering (IC2A2SE-2016)	Applicatio n of a Programm able Logic Controller in an Autodrill operation	Pratyusha Biswas Deb, Sajan Saha, Oindrila Saha, Sudhangsh u Sarkar	Narula institute of Technology , Agarpara	04.10.20 16.- 06.10.20 16			
International Conference on computational Advancement in Applied Science and Engineering (IC2A2SE-2016)	Design and Developm ent of Miniature Wind Turbine	Pratyusha Biswas Deb, Pallav Dutta, Sudhangsh u Sarkar	Narula institute of Technology , Agarpara	04.10.20 16.- 06.10.20 16			

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Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	Automation towards the Control of Rail-Gates using LDR	Dibyendu Sur, Sudipta Paul	Narula Institute of Technology Agarpara, Kolkata,	4-6 October, 2016	NA	Author	NA
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	An Alternate Process towards Automatic Luggage Theft Monitoring & Alarm Generation using LabVIEW	Dibyendu Sur, Susmita Das, Swati Nayna, Poonam Verma, Harshita Jain, Anismita Paul, Yekta Roy	Narula Institute of Technology Agarpara, Kolkata,	4-6 October, 2016	NA	Author	NA
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	An Alternate Power Saving Method Using PIR Sensor	Dibyendu Sur, Atri Kumar Mondal, Attrayee Sinha, Rituparna Dey, Uday Sankar Saha and Vijitaa Das	Narula Institute of Technology Agarpara, Kolkata,	4-6 October, 2016	NA	Author	NA
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	Detection of Strangers by using PIR sensor	Uday Sankar Saha, Atri Mondal, Rituparna Dey, Vijitaa Das, Prakash Kumar	Narula Institute of Technology Agarpara, Kolkata,	4-6 October, 2016	NA	Author	NA

		Thakur, Attrayee Sinha, Dibyendu Sur					
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	A Review Report on Numerous Applications of Golden Ratio in the Fields of Science, Art and Technology	Dibyendu Sur, Neha Mukherjee	Narula Institute of Technology Agarpara, Kolkata	4-6 October, 2016	NA	Author	NA
International Conference on Computational Advancement in Applied Science and Engineering	Monitoring of the ECG signal to detect Myocardial Infarction using the concept of Internet of Things	Arijita Das, Bansari Deb Majumder, Sayan Kumar Swar, Deepanwita Basu, Arghya Mitra, Anumita Dey	Narula Institute of Technology Agarpara, Kolkata	4-6 October, 2016	NA	Author	NA
ICCSE2016	Study on Systemic Modelling for Cardiac and Respiratory System towards Support on Prosthesis Facets	Susmita Das, Soumendu Bhattacharjee, Dr. Swapan Bhattacharyya, Dr. Biswarup Neogi,	RCC Institute of Information Technology	4th – 6th October 2016	YES	Presenter	NA
10 th International conference on Sensing technology(ICST	Real time measurement of water level using	Joyanta Kr. Roy, Bansari Deb	Nanjing, China	11 th -13 th Nov, 2016	Electronic ISSN: 2156-8073	Presenter	NA

2017)	admittance method and fuzzy based linearizer	Majumder					
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	IoT based Home Automation System	Saikat Biswas, Bansari Deb Majumder Arijita Das	Narula Institute of Technology Agarpara, Kolkata	4-6 October, 2016	NA	Author	NA
Fifth International Conference On Recent Trends In Information Technology (ICRTIT 2016))	Development Of Home Intruder Tracking System Using Face Recognition	Dibyendu Sur, Mugdha Mondal, Sagar Patra, Arijita Das, Susmita Das	Madras Institute Of Technology , Anna University, Chennai	April 08 & 09, 2016	978-1-4673-9802-2	Paper Author And Presenter	

Department of CSE

Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
International Conference of Advanced Computing (ICAC 2016)	An incentive driven reliable message exchange scheme in	Chandrima Chakrabarti	Moulana Abul Kalam Azad University of	26-27 Oct, 2016	ISSN: 2277-9078	Chandrima Chakrabarti Author,	

	post-disaster situation using delay tolerant network		Technology (MAKAUT), Kolkata			paper presenter	
The International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE-2016)	Reliable Peer to Peer Communication in Post Disaster Situation using Delay Tolerant Network	Chandrima Chakrabarti, Arkopal Sarkar	Narula Institute of Technology	4-6 Oct 2016		Chandrima Chakrabarti Author, paper presenter	
IEEE PDGC 2016	Mobile assisted Remote Healthcare delivery	Safikureshi Mondal, Prof. Nandini Mukherjee	Jaypee University of Information Technology, Solan, Wagnaghat, HP	24-27 Dec, 2016		Safikureshi Mondal Main author, presenter	
International Conference on Industry Interactive Innovations in Science, Engineering and Technology	Application of Chaos Game in Tri-Nucleotide Representation for the Comparison of Coding Sequences of β -Globin Gene	Subhram Das, Nobhonil Roy Choudhury, D. N. Tibarewala, D. K. Bhattacharya	JIS College of Engineering	25-26 October, 2016		Main author and paper presenter Subhram Das	

Department of IT

Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
International Conference	Definition and	Anirban Bhar,	Narula institute	04.10.2016.-			

on computational Advancement in Applied Science and Engineering (IC2A2SE-2016)	Strategies to Imply Quality Attributes During Software Development	Soumya Bhattacharya, Shyamapriya Choudhury, Sujata Kundu	of Technology, Agarpara	06.10.2016			
International Conference on computational Advancement in Applied Science and Engineering (IC2A2SE-2016)	Comparative Methodology of Testing Software with Non Functional Requirement Over Functional Requirement for Producing High Quality Acceptable Software	Soumya Bhattacharya, Anirban Bhar	Narula institute of Technology, Agarpara	04.10.2016-06.10.2016			

Department of BSHU

Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
International Conference On Advances In Bioprocess Engineering And Technology	Bioprocess Optimization For Synthesis Of Diester Of Adipic Acid	Sarbani Ganguly, Sumit Nandi and Debraj Paul	Heritage Institute Of Technology, Kolkata	20-22 nd January 2016		Presenter	
International Conference On Recent Trends In Engineering	Isolation Of Squalene From Rice Bran Oil Fatty Acid	Sumit Nandi and Rupa Bhattacharyya	Jaipur National University, Jaipur, Rajasthan	17-19 March, 2016		Oral Presentation	

And Material Sciences, (ICEMS-2016)	Distillate Through Bioprocess And Molecular Distillation Method						
2 nd International Conference On Mathematical Techniques In Engineering Applications (ICMTEA-2016)	Mathematical Modeling For The Prevention Of Methanol Poisoning Through Ethanol By Impulsive Way	Priyanka Ghosh, Sumit Nandi, Priti Kumar Roy	Graphic Era University, Dehradun, Uttarakhand	April 29-30, 2016		Oral Presentation	
International Conference On Advances In Bioprocess Engineering And Technology, 2016 (ICABET 2016)	Bioprocess Optimisation For Synthesis Of Diesters Of Adipic Acid	Sarbani Ganguly & Sumit Nandi	Heritage Institute Of Technology , Kolkata	20-22 nd January, 2016		Presenter	
International Conference On Women Studies And Social Sciences	We In The Indian Milieu	Rajasi Ray	Carmel College For Women, Nuvem, Goa Along With Imrf	3 rd To 5 th March, 2016	978-93-84124-67-0	Paper Presenter	
International Conference on Computational Advancement in Applied Science & Engineering	Estimation of Expected time to Extinction of HIV: A Mathematical Approach	NikhileshSil	Narula Institute of Technology , Kolkata	4-6 October 2016	-	Oral Presentation	
International Conference on Mathematics & Computer	Alternative Food Enhance the Stability Criteria in AF	NikhileshSil	Nirmala College for Women (Autonomous),	15—17, December 2016	ISBN 978-93-84124-92-2	Oral Presentation	

Science 2016	Food-Chain Model with Allee Effect		Coimbatore, Tamil Nadu, India				
10 th International Conference on Mathematical Sciences for advancement in Science and Technology MAST Dec 21-23, 2016	A Quantitative-Structure-Activity-Relationship (QSAR) Study of Anthracycline Analogues – An Anticancer Drug	Indrani Sarkar	Institute of Mathematics, Bioinformatics, Information Technology and Computer Sciences (IMBIC)	Dec 21-23, 2016	Proceedings of IMBIC Volume 5, (2016), ISBN 978-81-925832-4-2.	presentation	
Industry Interactive Innovation in Science Engineering and Technology (I3SET) 25-26 October, 2016	Computational Methodologies Followed in Structure Based In-Silico Drug Design:	Indrani Sarkar	JIS College of Engineering, Kalyani, Nadia, West Bengal	25-26 Oct 2016	Springer, Networks, Syst., Vol. 11, Swapan Bhattacharya et al: I3SET 97898110-39522, 429030_1_En (55)	Presentation	
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE-2016) 6 Oct, 2016	To study the mechanism of intercalation of anthracycline drugs with DNA structure by molecular modeling, mechanics and dynamics	Indrani Sarkar	Narula Institute of Technology, Kolkata 700109	Oct 2016			
International Conference on Computational Advancement	A Quantitative-Structure-Activity-Relationship (QSAR)	Indrani Sarkar	Narula Institute of Technology, Kolkata 700109	Oct 2016			

in Applied Science and Engineering (IC2A2SE-2016) 6 Oct ,2016	Study of Anthracycline Analogues – An Anticancer Drug						
International Conference on COMPUTATIONAL ADVANCEMENT IN APPLIED SCIENCE & ENGINEERING (IC2A2SE-2016)	Usage of Nano Composites as Electrolytes	Susmita Karan	NARULA INSTITUTE OF TECHNOLOGY	4-6 October, 2016	PUBLICATION OF PROCEEDINGS IS IN PROGRESS	ORAL PRESENTATION	
International Conference on COMPUTATIONAL ADVANCEMENT IN APPLIED SCIENCE & ENGINEERING (IC2A2SE-2016)	The significance of English Language for Engineering students	Sharmistha Basu Leena Sarkar Bhaduri	NARULA INSTITUTE OF TECHNOLOGY	4-6 October, 2016	PUBLICATION OF PROCEEDINGS IS IN PROGRESS	ORAL PRESENTATION	
International Conference on COMPUTATIONAL ADVANCEMENT IN APPLIED SCIENCE & ENGINEERING (IC2A2SE-2016)	Bilingualism - a challenge in multicultural environment and professional communication	Leena Sarkar Bhaduri Sharmistha Basu					
International Conference on COMPUTATIONAL ADVANCEMENT IN APPLIED SCIENCE & ENGINEERING (IC2A2SE-2016)	A comparative study of enzyme efficacy for biodiesel production from Jatropa Curcas oil	Sumit Nandi	NARULA INSTITUTE OF TECHNOLOGY	4-6 October, 2016	PUBLICATION OF PROCEEDINGS IS IN PROGRESS	ORAL PRESENTATION	

International Conference on Chemical Engineering and Advanced Polymeric Materials, ICEAPM-2016	Interpenetrating network formation of PVC in modifying its properties	Rupa Bhattacharyya	Birla Institute of Technology, Mesra, Ranchi	18 – 20 th August, 2016	ISBN 978-93-85777-83-7	ORAL PRESENTATION	
International Conference on Computational Advancement in Applied Science and Engineering, IC2A2SE-2016	PVC and PBMA in full IPN formation and property modification	Rupa Bhattacharyya, Sumit Nandi	NARULA INSTITUTE OF TECHNOLOGY	4-6 October, 2016		ORAL PRESENTATION	
International Conference on Computational Advancement in Applied Science and Engineering, IC2A2SE-2016	A comparative study of enzyme efficacy for biodiesel production from jatropha curcas oil	Sumit Nandi, Rupa Bhattacharyya	NARULA INSTITUTE OF TECHNOLOGY	4-6 October, 2016		ORAL PRESENTATION	
10th International IMBIC Conference, MSAST 2016	Monsoonal Rainfall of Gangetic West Bengal: Empirical Modelling and Forecasting	Pijuh Basak	Hotel Indispath, Sec-V, Salt Lake, Kol-91	21-23 Dec, 2016	Proc. of IMBIC, Vol. 16, ISBN:978-81-925832-3-5	Paper Presentation	

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Name of the Conference	Title of the paper	Author(s)	Venue	Date	Proceedings with ISBN No. (if any)	Type of participation	Awards (if any)
IC2A2AC	Optimization	Subhasree	Narula	16.08.		As author,	

2016	of average packet drop time in a distributed cognitive radio network using genetic algorithm	Bhattacharjee, Shewta Chanda, Anuradha Bhattacharya	Institute of Technology	2016		not paper presenter	
IC2A2AC 2016	Optimization of Average Packet Drop Time in CRN Using DE Algorithm	Gangotri Ghosh, Abhijeet kumar Sharma, Sandeep Kumar and Subhasree Bhattacharjee	MAKAUT	26.10.2016	ISSN: 2277-9078	As author, not paper presenter	
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	A Quantitative-Structure-Activity-Relationship (QSAR) Study of Anthracycline Analogues – An Anticancer Drug	Indrani Sarkar, Sanjay Goswami, et al	Narula Institute of Technology Agarpara, Kolkata, India	4-6 October, 2016	IOSR Journals	Presented	-
TEQIP sponsored International Conference on Industry Interactive Innovations in Science,	Computational methodologies followed in Structure based In-Silico Drug Design: An	Indrani Sarkar, Sanjay Goswami, et al	JIS College of Engineering, Kalyani	October 25-26, 2016	Springer I3SET vol 11	Presented	-

Engineering and Technology	example						
International Conference MSAST	Quantitative Structure Activity Relationship (QSAR) Study of Anthracycline Analogues- An Anticancer Drug	Indrani Sarkar, Sanjay Goswami et al.	Institute for Mathematics, Bioinformatics, Information Technology and Computer Science (IMBIC)	December 21-23, 2016	IOSR Journal	Presented	-
International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016)	Hexalevel Greyscale Stamping to Classify Clouds from Satellite Imagery	Sanjay Goswami, barnali Goswami, et al	Narula Institute of Technology Agarpara, Kolkata, India	4-6 Oct 2016	IOSR Journals	Presented	Best Paper – CS Track

National Conference publication of 2016

Name Of The Conference	Title Of The Paper	Author(S)	Venue	Date	Proceedings With ISBN No. (If Any)	Type Of Participation	Awards (If Any)
Department: ECE							
National Conference on "Advanced Computation on Electronics and Remote Sensing" (NCACERS-16)	"Metal Detector: Its Implementation and Calculation of Detection range"	ShilpaDas, Bhasward eep Saha, Biswarup Banerjee, Rimpi Datta	Narula Institute of Technology	19th and 20th August, 2016		Author	
National Conference on "Advanced Computation on Electronics and Remote Sensing" (NCACERS-16)	Optimized Transfer Function Generation by Gain Modeling and Appropriate Controller Selection of a Standard Dexterous Arm System	Swati Barui, Saikat Patra, Arnima Das	Narula Institute of Technology	19th and 20th August, 2016		Author	
National Conference on Advanced Computation in Electronics & Remote Sensing, 2016 (NCACERS-16).	Design of two stage operational amplifier using 90 nm CMOS Technology	Puspak pain, Firojuddin Sk, Soumen Pal	Narula Institute of Technology	20th and 20th August, 2016		Author	
National Conference on Advanced Computation	A Review with Proposal of Wireless Power Trans-Receiver	SanketSarkar, Arpan Hazra, Debasish	Narula Institute of Technology	19th and 20th August,		Author	

n in Electronics & Remote Sensing, 2016 (NCACERS-16).	Module	Sinha, Depayan Nandi, Puspak Pain	gy	2016			
National Conference on “Advanced Computation on Electronics and Remote Sensing” (NCACERS-16)	Optimized Transfer Function Generation by Gain Modeling and Appropriate Controller Selection of a Standard Dexterous Arm System	Swati Barui, Saikat Patra, Arnima Das	Narula Institute of Technology	19th and 20th August, 2016		Author	
NCACERS2016	Development of Real Time Visibility Enrichment Algorithms	Sangita Roy, Sheli Sinha Chaudhuri	ECE Department, Narula Institute of Technology	19th-20th August 2016		Author	2nd Best Paper Award
NCACERS2016	Comparative Analysis of JK And JK Master-Slave Flip-Flop in Terms of Power And Dela	Srabony Das Roy, Surajit Bari, Sangita Roy	ECE Department, Narula Institute of Technology	19th-20th August 2016		Author	2nd Best Paper Award
NCACERS2016	Objective Evaluation of Dehazed Image by DCP	Mainak Hoe, Sourav Kumar Datta	ECE Department, Narula Institute of Technology	19th-20th August 2016		Author	
NCACERS20	Average Power	Arup	ECE	19th-		Author	

16	consumption and Delay Analysis of 4 Bit Rotate Right Network using MOS Transistor at Channel Length of 45nm	Kishore Debnath , Surajit Bari, Debashis De, Angsuman Sarkar	Department, Narula Institute of Technology	20th August 2016			
NCACERS2016	Comparative Analysis of JK and JK Master Slave Flip Flop in Terms of Power and Delay	Srabani Das, Surajit Bari, Sangita Roy	ECE Department, Narula Institute of Technology	19th-20th August 2016		Author	
NCACERS 2016	Performance evaluation of digital comparator using different logic style	DR. SARADIN DU PANDA	IEEE GRSS CHAPTER & ECE DEPARTMENT, NIT, AGARPARA, JIS GROUP	19th-20th August 2016		Author	
Department: BS & HU							
National Seminar on Application of Mathematics in Technology and Management	Migration of the Susceptible prey can stabilize the system: A Mathematical Approach	Dr. Nikhilesh Sil	Narula Institute of Technology, Kolkata	8-9 September 2016	ISBN:978-93-84659-98-1	Oral Presentation	
1 st Regional Science and Technology Congress-2016	Effect of Alternative food in a food-chain system with Allee effect	Dr. Nikhilesh Sil	NITTR, Kolkata	13 th & 14 th November 2016	-	Poster Presentation	
National Seminar on Application of Mathematics	A Critical review on Space weather	Dr. D. K. Tripathi	Narula Institute of Technology,	8-9 September 2017	ISBN:978-93-84659-98-1	Oral Presentation	

s in Technology and Managemen t			Kolkata				
NCAMP-XXI	Doubly excited bound and resonance $2p_{nf}$ ($1,3F^e$) states of helium	Dr. Tapan Mukherje e	PRL, Ahmehd abad	03 rd -06 th January, 2017		Poster Presentat ion	
NCAMP-XXI	Helium atom enclosed in a spherical penetrable confinement	Dr. Tapan Mukherje e	PRL, Ahmehd abad	03 rd -06 th January, 2017		Poster Presentat ion	
NCAMP-XXI	Structural modification of helium-like <i>Mg</i> ion within strongly coupled plasma environment	Dr. Tapan Mukherje e	PRL, Ahmehd abad	03 rd -06 th January, 2017		Oral Presentat ion	
NCAMP-XXI	Variational calculations of arbitrary angular momentum states for general three body systems using explicitly correlated Hylleraas basis set	Dr. Tapan Mukherje e	PRL, Ahmehd abad	03 rd -06 th January, 2017		Poster Presentat ion	
National Seminar on Recent Trends in Physics	History and Advancement of Atomic Physics	Dr. Tapan Mukherje e	Departm ent of Physics, Raiganj Universit y	14 th March, 2017		Oral Presentat ion	
National Conference on Modern Trends in Physics	Dominance of fluorescence over auto-ionization for doubly excited states of atoms	Dr. Tapan Mukherje e	Departm ent of Physics, NIT,Agarp ara	10 th -11 th April,20 17		Oral Presentat ion	
National	Spectroscopic	Dr. Tapan	Departm	10 th -11 th		Oral	

Conference on Modern Trends in Physics	properties of atoms under plasma confinement	Mukherjee	Department of Physics, NIT, Agarpura	April, 2017		Presentation	
National Seminar on Application of Mathematics in Technology and Management (NSAMTM 2016)	Statistical Analyses in Drug Design and Environmental Chemistry	Indrani Sarkar	Narula Institute of Technology, Kolkata 700109	September 8-9, 2016 (NSAMTM 2016)	ISBN: 978-93-84659-98-1	Presentation	
National Conference on Modern Trends in Physics	Application Neural Network and Genetic Algorithm in Drug Discovery	Dr. Indrani Sarkar & Dr Sanjay Goswami	Department of Physics, Dept of CA NIT, Agarpura	10 th -11 th April, 2017		Oral Presentation	
National Conference on Modern Trends in Physics	Big Data Analytics Framework in Health care	Dr. Indrani Sarkar & Dr Sanjay Goswami	Department of Physics, Dept of CA, NIT, Agarpura	10 th -11 th April, 2017		Oral Presentation	
National Conference on Modern Trends in Physics	Structure Based Drug Design	Dr. Indrani Sarkar	Department of Physics, NIT, Agarpura	10 th -11 th April, 2017		Oral Presentation	
National Seminar on APPLICATION OF MATHEMATICS IN TECHNOLOGY AND MANAGEMENT (NSAMTM 2016)	Novelty in Vegard's Law	Susmita Karan	NARULA INSTITUTE OF TECHNOLOGY	8-9 September, 2016	ISBN 978-93-84659-98-1	Oral presentation	

National Conference on MODERN TRENDS IN PHYSICS (NCMTP 2017)	Preparation of PVA-Cellulose Nanocomposites using Ionic Liquid	Susmita Karan	NARULA INSTITUTE OF TECHNOLOGY	10-11 March, 2017	Publication of proceedings is in progress		
National Conference on MODERN TRENDS IN PHYSICS (NCMTP 2017)	Earth Fault And Over Voltage Detector	Papendu Das, Avipsa Basak, Supravat Roy, Souvik Kundu, Archita Chakraborty, Aritra Kumar Basu, Prit Singh, and Susmita Karan					
National Conference on MODERN TRENDS IN PHYSICS (NCMTP 2017)	Electronic Eye Based Security System	Rituparna Dey, Alivia Bose, Anshuman Bhowmick, Sukanya Roy, Kushal Bhowmick, Uday Shankar Saha Atri Mondal AND Susmita Karan					
National Conference on MODERN TRENDS IN PHYSICS (NCMTP 2017)	Survey On Led Based Li-Fi Technology-Transfer Of Data Through Visible Light	Abhijit Seth, Shyamal Mishra, Prakash Kumar					

7)		Thakur, Nistha Gupta, Trinanjana De, Poonam Verma, Pritha Majumder and Susmita Karan					
National Conference on MODERN TRENDS IN PHYSICS (NCMTP 2017)	Automated car controller	Aparna Das, Manish Guha, Attrayee Sinha, Sayantan Mitra, Vijitaa Das, Swati Nayana and Susmita Karan					
NATIONAL CONFERENCE ON ELT FOR MANAGEMENT & TECHNOLOGY	Soft Skills: a key to make a difference in the Interpersonal Communication	Sharmista Basu Arijita Das Yekta Roy	NARULA INSTITUTE OF TECHNOLOGY	27-28 February, 2017		Power point presentation	
NATIONAL CONFERENCE ON ELT FOR MANAGEMENT & TECHNOLOGY	The momentousness of English Language In a Globalized World	Sharmista Basu Maitri Sen Suswagata Chakraborty	NARULA INSTITUTE OF TECHNOLOGY	27-28 February, 2017		Power point presentation	
National Conference on Modern Trends in Physics (NCMTP 2017)	Monsoonal rainfall of Sub-Himalayan West Bengal	Dr. Pijush Basak	Narula Institute of Technology, Kolkata	Mar 10-11, 2017	-	Paper Presentation	

Department: EIE

7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Ldr Based Traffic Light Control System	Dibyendu Sur, Soujatya Choudhuri, Argha Mitra, Anumita Dey, Debatra Choudhury, Tirthankar Saha	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	Second Prize In Electrical And Electronics Section
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Home Security System Using Face Recognition	Mugdha Mondal, Dibyendu Sur, Sagar Patra	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Vehicle Collision Avoider By Proper Drowsiness Detection Method Of Driver	Dibyendu Sur, Srijita Mitra, Saikat Mitra, Sayanti Rudra, Priyam Chakraborty, Chayan Dolai	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Approach Towards Object Identification With Digital Image Processing	Susmita Das, Sayan Setua, Rusha Mondal, Soumyajit Ghosh, Tanaya Dhan, Debojyoti Maity,	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	

		Aninda Sankar Nath & Supai Hansda					
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Digitized Water Level Indication System	Susmita Das, Aninda Sankar Nath, Sayan Kumar Swar & Soumya Paul	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Surveillance System Design With Path Investigating Robo-Car	Susmita Das, Sayan Kumar Swar & Soumya Paul	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Energy Harvesting Using Piezo Sensor	Susmita Das, Sagar Patra & Mugdha Mondal	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Stress Detector Using Galvanic Skin Response	Susmita Das, Sayan Kumar Swar, Debasmita Gangopadhyay, Sumedha Majumder, Purbha	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	

		Choudhury & Punam Panji					
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Remote Controlled Robot For Detecting Mobile Phones	Susmita Das, Sayan Kumar Swar & Soumya Paul	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
23rd West Bengal State Science & Technology Congress 2016	Analysing Brain Waves And Controlling A Bot With Thought	Susmita Das And Sayan Kumar Swar	Presidency University	28 And 29 February 2016		Paper Author And Presenter	
23rd West Bengal State Science & Technology Congress 2016	Automatic Water Level Monitoring And Controlling Using Labview And Arduino	Susmita Das And Sayan Kumar Swar	Presidency University	28 And 29 February 2016		Paper Author And Presenter	
7th All India Inter College Academic Meet 2016, Organized By Forum Of Scientists, Engineers & Technologists (FOSET)	Smart Automation System Using Arduino Board As The Controlling Device	Arijita Das, Deepanwita Basu, Sawan Kumar Swar, Sandeep Pramanik, Samiran Santra	Supreme Knowledge Foundation Group Of Institutions	13 March, 2016		Paper Author And Presenter	
National Conference On Computing, Electronics & Electrical Engineering By Pailan College Of Management	Automatic Control Of Electrical Loads Using Human Claps	Papendu Das, Abhijit Seth, Aparna Das, Pritha Majumder, Sayantan	Hotel Hindustan International (HHI)	24-25 June 2016	2347-2693	Paper Author And Presenter	

t And Technology		Mitra, Manish Guha, Dibyendu Sur					
National Seminar on Application of Mathematics in Technology and Management 2016 (NSAMTM 16)	Implementation of Golden Ratio to the Modern Science and Technology	Neha Mukherjee and Dibyendu Sur	Narula Institute of Technology Agarpara, Kolkata	8– 9 Sep, 2016	ISBN: 978-93-84659-98-1	Author	NA
“3rd Technical Paper, Poster & Model Design Contest”	Touch-screen Technology	Saptaparna Banerjee, Dibyendu Sur	Narula Institute of Technology Agarpara, Kolkata	21st and 22nd October 2016	NA	Author	NA
“3rd Technical Paper, Poster & Model Design Contest”	GPS and its Applications	Anwesha Roy, Dibyendu Sur	Narula Institute of Technology Agarpara, Kolkata	21st and 22nd October 2016	NA	Author	NA
“3rd Technical Paper, Poster & Model Design Contest”	Security Issues in Mobile Ad hoc Networks	Neha Mukherjee, Dibyendu Sur	Narula Institute of Technology Agarpara, Kolkata	21st and 22nd October 2016	NA	Author	NA
National Seminar on Application of Mathematics in	The role of mathematics behind football science and technology	Bansari Deb Majumder, Debatra Choudhury,	Narula Institute of Technology Agarpara,	8-9th Sept, 2016	ISBN no. 978-93-84659-98-1 Page no.30	Author	NA

Technology and Management 2016 (NSAMTM 16)		Tirthankar Saha	Kolkata				
National Seminar on Application of Mathematics in Technology and Management 2016 (NSAMTM 16)	Analysis of piezo-resistive sensor data by multiple regression method	Debatra Choudhury, Tirthankar Saha, Bansari Deb Majumder and Yekta Roy	Narula Institute of Technology Agarpara, Kolkata	8-9th Sept, 2016	ISBN no. 978-93-84659-98-1 Page no.30	Author, Presenter	No
Department: EE							
Recent Trends In Emerging Science And Technology	Water Level Indicator	Pratyusha Biswas Deb Priyanjali Mukherjee	Camelia Institute Of Technology	On 29th And 30th March, 2016		Paper Author And Presenter	
Recent Trends In Emerging Science And Technology	Application Of Solar Energy Conversion To Electrical Power In A Street Lighting System"	Pratyusha Biswas Deb, Priyanjali Mukherjee, Kamalika Banerjee 4.Dipu Mistry	Camelia Institute Of Technology	On 29th And 30th March, 2016		Paper Author And Presenter	
Department: IT							
International Conference on Computational Advancement in Applied Science and Engineering	Definition and Strategies to Imply Quality Attributes During Software Development	Shyamapriya Chowdhury	Narula Institute of Technology	04.10.2016.-06.10.2016			
International Conference	The Solution of Public Key and	Shyamapriya	Narula Institute	04.10.2016.-			

on Computational Advancement in Applied Science and Engineering	Secret Key Encryption Problem by Quantum Cryptography Principle	Chowdhury, Sudip Chatterjee	of Technology	06.10.2 016			
Department: ME							
National Seminar on Application of Mathematics in Technology and	Comparing Antiloosening Ability Between M16 and 5/8 Inch 23 BSW Threaded Fasteners	Bikash Panja and Santanu Das	Department of Basic Science & Humanities (Mathematics) Narula Institute of	8 th -9 th September, 2016	978-93- 84659- 98-1	Oral Presentation	No
National Seminar on Application of Mathematics in Technology and Management (NSAMTM 2016)	Study of Roughness for EN 47 spring steel in WEDM	Sudip Banerjee, Bikash Panja and Soupayan Mitra	Department of Basic Science & Humanities (Mathematics) Narula Institute of Technology, Kolkata	8 th -9 th September, 2016	978-93- 84659- 98-1	Oral Presentation	No
National Seminar on Application of Mathematics in Technology and Management (NSAMTM 2016)	Parametric optimization of MRR in electrical discharge machining	Akhtarujjan Sarkar	Department of Basic Science & Humanities (Mathematics) Narula Institute of Technology, Kolkata	8 th -9 th September, 2016	978-93- 84659- 98-1	Oral Presentation	No

National Seminar on Application of Mathematics in Technology and Management (NSAMTM 2016)	Design of a direct neural controller with pid compensation for an electrohydraulic actuation system by simulation and real-time experiment	Amit Datta	Department of Basic Science & Humanities (Mathematics) Narula Institute of Technology, Kolkata	8 th -9 th September, 2016	978-93-84659-98-1	Oral Presentation	No
National Seminar on Application of Mathematics in Technology and Management (NSAMTM 2016)	Response of R/C Asymmetric Rectangular Community Structures 55 under Near Fault Ground Motion Considering Equal Eccentricity	Goutam Roy and P.K.Das	Department of Basic Science & Humanities (Mathematics) Narula Institute of Technology, Kolkata	8 th -9 th September, 2016	978-93-84659-98-1	Oral Presentation	No
Department: CA							
NCACERS 2016	Minimization of Probability of Error in Centralized Cooperative Sensing in Cognitive Radio Networks Using Differential Evolution Algorithm	Subhasree Bhattacharjee	Narula Institute of Technology	19.08.2016		Paper presenter	