

**LIST OF PUBLICATIONS,
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

(B)International

Name	Title of the paper	Name of the journal/conference
Dr. A. K. Aditya	Copper with silicon-nitride as high speed VLSI interconnection	Accepted in international journal HIT transaction on ECCN.
Dr. A.K. Ganguly	<ol style="list-style-type: none"> 1. Fiber-optic micro-displacement and Vibration sensor. 2. An integrated equivalent circuit model for noise calculation in a fiber optic link. 3. Performance improvement of infrared resonant cavity enhanced schottky P-I-N photodiode. 	<ol style="list-style-type: none"> 1. SPIE, USA. Sep. 2004 2. Proc. of international conference on EPMDs, India. -Jan - 2006 3. January 3-5 INCRUIS -2008 organized by Kongu Engineering College Tamilnadu ,India
Ashok Kumar	<ol style="list-style-type: none"> 1. Probabilistic Approach Towards Development of an Efficient Routing Algorithm to Predict and Control the Congestion in Computer Networks 2. Genetic Algorithm Based on Probabilistic Approach towards the development of an Algorithm for efficient dynamic Routing to Control Congestion in Computer Network 3. Genetic algorithm based on delay optimization in Computer Network to initialize efficient dynamic routing for Congestion Control. 4. Soft Computing Tool Based Intelligent Routing and Wavelength Assignment in All Optical Network 5. Fuzzy logic based alternate routing scheme for the minimization of connection setup time and blocking rate in WDM optical network 6. Development of an intelligent dynamic routing algorithm for wave length assignment in all optical WDM network 	<ol style="list-style-type: none"> 1. International Journal of Information & Computing Science (IJICS) Volume 8 Number 1 June 2005 Pg. 21 2. International Conference ICTE 2003 3. Conference on Horizons of Telecommunication (HOT 2003) 4. Photonics 2004, December 2004 5. Communicated in journal . 6. Proceedings of IEEE International conference on advance computing and communication ICACC 2007, held at Pulloor, Gariapath, Tamilnadu, 9 to 10 Feb 2007

Ritesh Kumar Mishra	<ol style="list-style-type: none"> 1. Broadband Microstrip Patch Antennas. 2. CPLD Based Generation of Different Spreading Codes and Study of its Correlation Properties in DS-CDMA. 3. Application of Conducting Polymers in Advanced Electronic Devices 4. Analytical study of computer-aided Equivalent switched capacitor circuits. 5. An Investigation of Complex Triangle Elimination Problem of VLSI Floor planning employing Genetic Algorithmic Scheme 6. An investigation of network performance employing Radial Basis function as activation function in coin recognition problem domain " 	<ol style="list-style-type: none"> 1. International journal" Acta Ciencia Indica.",Meerut ,Accepted January 2006 2. Acta Ciencia Indica.,Accepted August 2006 3. Acta Ciencia Indica,Accepted August 2006 4. International journal" Acta Ciencia Indica.", communicated 2006 5. International Symposium on Signals Circuits and Systems – ISSCS 2007 (IEEE Symposium). Faculty of Electronics and Telecommunications"Gh. Asachi" Technical University of Iasi Bd. Carol I, no.11, Iasi, 700506 Romania. 6. ." Page no 476-480. International Conference on" Information Technology" (INTL –INFO Tech 2007) March 19-21, H.I.T Haldia, India.
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Bikash Ch. Sahana	<ol style="list-style-type: none"> 1. CPLD Based Generation of Different Spreading Codes and Study of its Correlation Properties in DS-CDMA. 2. Application of Conducting Polymers in Advanced Electronic Devices 3. An Investigation of Complex Triangle Elimination Problem of VLSI Floor planning employing Genetic Algorithmic Scheme 4. An investigation of network performance employing Radial Basis function as activation function in coin recognition problem domain " 	<ol style="list-style-type: none"> 1. International journal" Acta Ciencia Indica.",Meerut ,Accepted August 2006 2. International journal" Acta Ciencia Indica.",Meerut ,Accepted August 2006 3. International Symposium on Signals Circuits and Systems – ISSCS 2007 (IEEE Symposium). Faculty of Electronics and Telecommunications"Gh. Asachi" Technical University of Iasi Bd. Carol I, no.11, Iasi, 700506 Romania. 4. International Conference on" Information Technology" (INTL –INFO Tech 2007) March 19-21, H.I.T Haldia, India.
Jayanta Ghosh.	A Multi-frequency Microstrip Antenna	Microwave & Optical Technology Letters, USA 2006
Intekhab Hussain	MEMS & Semiconductor Technologies vis-à-vis Vacuum Microelectronics Devices.	International conference on MEMS and Semiconductor Nanotechnology, December 20-22, 2005, IIT, Kharagpur
Krishnendu Karmakar	<ol style="list-style-type: none"> 1. Broadband Microstrip Patch Antennas. 2. CPLD Based Generation of Different Spreading Codes and Study of its Correlation Properties in DS-CDMA. 	<ol style="list-style-type: none"> 1. International journal" Acta Ciencia Indica.",Meerut August 2006 2. International journal" Acta Ciencia Indica.",Meerut August 2006
Anindya Ghosh	Optimisation of base transit time in Heterojunction Bipolar Transistor (HBT) employing neuro-genetic approach	International conference on MEMS and Semiconductor Nanotechnology, December 20-22, 2005, IIT, Kharagpur

M. G. Tiary	<ol style="list-style-type: none"> 1. Characteristics of Cavity Enclosed Circular Microstrip patch Radiator 2. Copper with silicon-nitride as high speed VLSI interconnection. 	<ol style="list-style-type: none"> 1. International Conference, CODEC 2004, Held in January, 2004 at Institute of Radio Physics and Electronics, CU 2. Accepted in international journal HIT transaction on ECCN.
Devmalya Banerjee	<ol style="list-style-type: none"> 1. Design & Study of Secured Optical Networking using 'NLOS' Technique". 2. Identification of important residues of HIV-1 gp41 in the entry mechanism of HIV virion in target cell through in silico protein interaction study". (<i>Accepted for Publication</i>) 3. A secured communication link design using narrow line of sight technique 4. Towards the identification of important gp 41 residues responsible for membrane fusion in HIV-I infection 	<ol style="list-style-type: none"> 1. International conference on Electronics & Photonic Materials, Devices and Systems ("EPMDS-06") at SINP, Salt Lake, Kolkata, January 4-6, 2006. 2. International conference on "CODEC-06", Hyatt Regency, Salt Lake, Kolkata, December 18-20, 2006. 3. International conference on information technology at Haldia Institute of technology (INTL -INFO Tech 2007) March 19-21 p. no 92 - 94 4. International conference on information technology at Haldia Institute of technology(INTL -INFO Tech 2007) March p no 444 - 458.
S.K.Roy	Safety and Hazard Management in Industry	<ol style="list-style-type: none"> 5. International Conference on Environmental Magmt. Scenario & Strategies.Ujjani,M.P.On 26-27 Dec 2007