

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

(A) National:

Name	Title of Paper	Name of Journal/Conferences
Dr A K Aditya	<ol style="list-style-type: none"> 1. Analysing The Device Structure of SiGe channel p-MOSFET using DEVAM, A Two Dimensional Device Simulator Based on Finite Element. 2. Dispersion Characteristics of Planar Transmission Lines on Silicon Nitride Substrate for MIC & MMIC Applications. 	<ol style="list-style-type: none"> 1. Recent Advances in VLSI, 2004, Institute of Engineers Kolkata 2. National Conference, Microwave – 2006, University of Rajasthan, Jaipur. . 6th – 8th October, 2006
Ritesh Kumar Mishra	<ol style="list-style-type: none"> 1. Wireless Assisted Biotelemeter. 2. "Advanced communication techniques & networking: Exploring challenges" 3. "A comparative study of all optical switching technologies" 4. "High speed all Optical switching techniques employing Photonic Systems 5. "An Investigation of Internate Telephony" 6. "An Investigation of Electronic portal imaging to assess shift in tumor position during Rdiotherapy" 7. Generation of Millimeter wave frequencies in optical domain for in hybrid system 8. "An analysis of security aspect for wireless network" 	<ol style="list-style-type: none"> 1. National Symposium on Biomedical Engineering, SIT Siliguri, 7-8 April 2006. 2. Institute of Engineers. Bhilai local chapter, Institute of Engineers. Bhilai local chapter, 6-7 January 2007 3. Proceeds of AST 2006, C.S.I.T Durg(C.G), 27th -28th December 2006 4. Proceeds of AST 2006, C.S.I.T Durg(C.G), 27th -28th December 2006 5. Institute of Engineers .Bhilai local chapter, 6-7 January 2007. 6. Page no 95-98 proceeding of national conference on "Computing for nation Development" INDICOM 2007. ISSN 0973- 7529, ISBN 978-81-904526-0-1, Bharati vidyapeeth Institute of Computer application, New Delhi, 23-24 February 7. West Bengal state science and technology congress, Jadavpur University, 28 Feb – 1 Mar 2007 8. National conference on information technology in Multi-domain industries, Singhad institute of tech nology lonavala, ,Lonavala, India, 20-21 April 2007
Jayanta Ghosh	<ol style="list-style-type: none"> 1. A multifrequency Microstrip antenna 2. A Comparative Study between cross-slot coupled and T-slot coupled Microstrip antenna for the L-band communication. 3. Wireless Assisted Biotelemeter 4. Performances of T-slot coupled Microstrip Antennas with and without foam layer at Bluetooth frequency band. 	<ol style="list-style-type: none"> 1. Microwave & Optical Technology Letters, USA, July, 2005 2. CMARS-2005, Jodhpur, 20-22 Dec, 2005. 3. National Symposium on Biomedical Engineering, SIT, Siliguri, 7-8 April 2006 4. NASDEC-06, BIT ,Mesra Ranchi, 2-4 Dec, 2006

Bikash Ch. Sahana	<ol style="list-style-type: none"> 1. Wireless Assisted Biotelemeter 2. "Advanced communication techniques & networking : Exploring challenges" 3. "A comparative study of all optical switching technologies" 4. "High speed all Optical switching techniques employing Photonic Systems" 5. "Spintronics Devices Based Control System: A case study" 6. "An Investigation of Electronic portal imaging to assess shift in tumor position during Radiotherapy" 7. "An analysis of security aspect for wireless network" 8. An Investigation of Internate Telephony" 9. Generation of Millimeter wave frequencies in optical domain for in hybrid system 	<ol style="list-style-type: none"> 1. National Symposium on Biomedical Engineering, SIT Siliguri, SIT Siliguri 2. Institute of Engineers. Bhilai local chapter, Institute of Engineers. Bhilai local chapter, 6-7 January 2007 3. Proceeds of AST 2006 held in C.S.I.T Durg(C.G), C.S.I.T Durg(C.G), 27th -28th December 2006 4. Proceeds of AST 2006 held in C.S.I.T Durg(C.G) 27th -28th December 2006, C.S.I.T Durg(C.G), 27th -28th December 2006 5. ELECTRO INFOCOM -2007, St francis institute of technology, Mumbai, 6-7 January 2007 6. Page no 95-98 proceeding of national conference on "Computing for nation Development" INDICOM 2007, ISSN 0973- 7529, ISBN 978-81-904526-0-1, Bharati vidyapeeth Institute of Computer application, New Delhi, 23-24 February 2007 7. National conference on information technology in Multi-domain industries, Singhad institute of technology Lonavala, ,Lonavala, India, 20-21 April 2007 8. Institute of Engineers .Bhilai local chapter, 6-7 January 2007 9. West Bengal state science and technology congress, 28 Feb to 1 Mar 2007
Dr. A.K.Ganguly	<ol style="list-style-type: none"> 1. Fluid flow measurement using ultrasonic phase detection method. 2. An efficient technique of electromagnetic compatibility of broadband on power line systems 3. Fiber Optics Angular Displacement Sensor 	<ol style="list-style-type: none"> 1. Proc. of conference of Instrument Society of India. 2. Proc. National conference on "Trends in Telecom Transmission: Copper to Fiber" IEEE, Bombay-2006 3. National Symposium on Instrumentation .
Asok Kumar	<ol style="list-style-type: none"> 1. "An analysis of security aspect for wireless network" 2. A One Dimensional Cellular Automata Based Security Scheme providing both Authentication & Confidentiality 3. An Information Security Scheme in Data communication Network using Cellular Automata Concept. Confidentiality 4. "Advanced communication techniques & networking : Exploring challenges" 5. "A comparative study of all optical switching technologies" 6. "High speed all Optical switching techniques employing Photonic Systems" 7. "An Investigation of Internate Telephony" 	<ol style="list-style-type: none"> 1. National conference on information technology In Multi-domain industries, Singhad Institute of technology Lonavala, Lonavala, India, 20-21 April 2007 2. The Institution of Engineers (India), 2006, The Institution of Engineers (India), 2006 3. National workshop on Cryptology 2003, National workshop on Cryptology 2003 4. Institute of Engineers .Bhilai local chapter, 6-7 January 2007 5. .Proceeds of AST 2006, C.S.I.T Durg(C.G), 27th -28th December 2006 6. Proceeds of AST 2006 held in C.S.I.T Durg(C.G), 27th -28th December 2006 7. Institute of Engineers .Bhilai local chapter, 6-7 January 2007
M.G. Tiary	Dispersion Characteristics of Planar Transmission Lines on Silicon Nitride Substrate for MIC & MMIC Applications.	National Conference, Microwave - 2006, University of Rajasthan, Jaipur, 6 th - 8 th October ,2006

Anindya Ghosh	Influence Of Wave Function And Introduction On The High Freq. Response Of Two Dimensional Hot Electrons In Quantum Wells Of Polar Semiconductor	Sambalpur University, Orrisa, Feb-2005
Kushal Roy	Effect Of Variable MgO Doping On Morphotropic Phase Boundary Properties Of Hard Doped Nano Ceramics For Electronic Devices.(Conference)	IIT, Kharagpur, Dec.'04
Manodeep Roy	Ms-Excll Spreadsheet Simulation Of Encoder–Decoder Pair In Systematic Convolution Code For Digital Communication Applications.	Hyatt Regency, Kolkata, 2004
Sukes Maiti	<ol style="list-style-type: none"> 1. Brain Computer Interfacing For Communication and Control. 2. Effect of Variable MgO doping on Morphotropic phase boundary properties, of Hard Doped PZT ($\text{PbZr}_{0.7}\text{Ti}_{0.3}\text{O}_3$) nano-ceramics derived by Sol-Gel Technology. 3. "An Investigation of Electronic portal imaging to assess shift in tumor position during Radiotherapy" 	<ol style="list-style-type: none"> 1. Conference On Rehabilitation Engineering, VIT University, Vellore. Aug 2004. 2. IEEE conference, at JIS College of Engineering, 2006 3. Page no 95-98 proceeding of national conference on "Computing for nation Development" INDICOM 2007, ISSN 0973-7529, ISBN 978-81-904526-0-1, Bharati vidyapeeth Institute of Computer application, New Delhi. India, 23-24 February 2007
Nirupama Mandal	<ol style="list-style-type: none"> 1. A simple technique for measurement of flow in a pipe line. 2. An accurate technique for measurement of very small output of a transducer 3. A Simple Technique for the measurement of Flow in a pipe-line 4. Design of a modified magnetic modulator for measurement of very small output of a transducer 	<ol style="list-style-type: none"> 1. 14th WB Science & Technology Congress 2007, Science & Technology Congress Held at Jadavpur University, 2007 2. 14th WB Science & Technology Congress 2007, Science & Technology Congress Held at Jadavpur University, 2007 3. 14th West Bengal Science Congress, Jadavpur University, 28th February- 1st March, 2007 4. 14th West Bengal Science Congress, Jadavpur University, 28th February- 1st March, 2007.
S.K.Roy	<ol style="list-style-type: none"> 1. Low Energy Technologies for the Protection of Environment and Ecology. 2. Virus-the Pollution Creator 3. Electronics & Communication for Rural Development 4. Evolution of Industry Institute Interaction concepts 5. Recent Trends in IT for rural Development 6. Role of IT in Development of Rural Areas. 7. Cyber Crime and Its Effect on the Global Scenario. 	<ol style="list-style-type: none"> 1. Proceedings of 1st National seminar on Environment and ecology ,(NASEM-2007) 2. Proceedings of 1st National Seminar on environmental Management (NASEM-2007)- Sponsored by AICTE, July 26-28 2007 3. Annual Techniacl Convention of IETEATC'07, India, Hyderabad, 29-30 Sep. 2007 4. National Workshop on III, BIT Sindri, Dhanbad ,13-14 July 2007 5. National Seminar on RTIT'07, Shegaon, Maharashtra, Dec 9-10 2007 6. National Conference on ETIT'07, Aurangabad, 28-29 January 2008 (accepted for Presentation) 7. National Conference on ETIT'07, Aurangabad, 28-29 January 2008 (accepted for Presentation)

