Book Published

- *Title: Optimization based Filtering of Random Valued Impulses – An Algorithmic Approach, Publisher: LAP- Lambert Academic Publishing, ISBN: 978-3-8473-7275-2, February 13, 2012 (Author-Somnath Mukhopadhyay and J. K. Mandal)*
- *Title:* **Artificial Neural Network Guided Secured Communication Techniques: A Practical Approach,** *Publisher: LAP- Lambert Academic Publishing, ISBN: 978-659-11991-0, June 4, 2012 (Author-Arindam Sarkar and J. K. Mandal)*

Phd. Awarded

Som Subhranil, Assistant Professor, Department of Computer Application, JIS College of Engineering, Kalyani, West Bengal, Title: "Towards Design and Implementation of Cryptographic Techniques for Secured Transmission" submitted for Ph. D.(Engg.), Department of Computer Science & Engineering, University of Kalyani, December, 2011, awarded 3rd. September, 2012

Special activities :

Chairing Sessions in Conferences:	7 sessions in seven conferences
Expert/Invited Lecture delivered:	12 in 12 international Conferences
Conference attended:	12
Expert Lecture as guest faculty:	**1** x 5 days at Tripura University
Organizing Workshop:	**7** Workshop/Seminar
Book Published:	**2**

Invited Lectures

1. Expert Lecture in the Refresher Course on Computer Science anf IT at UGC Academic Staff College, Maulana Azad National URDU, Hyderabad, on 04.10.2012, Topic "Steganography and its Applications"

2. Invited Talk at Teqip Sponsored National Conference on "Multimedia, Imaga peocessing, Intelligent Computations and Security", Organized by Kolaghat College of Engineering & Management, East Midnapur,Topic:"Steganography and related Security", September 29-30,2012.

3. Invited Talk at One day National Conference on "Image Processing & Security in Communication", Organized by Department of Computer Applications, Siliguri Institute of Technology, Darjeeling, Topic:"Secured Image Processing in Wireless Communication", September 10,2012.

4. Invited Talk at National Conference on "Intellectual Property Rights and Patent Laws, IPRPL-2012", Organized by Greater Kolkata College of Engineering and

Management at K.P. Basu Memorial Auditorium, Jadavpur University,Topic: "Aspects of IPR in Digital Systems and Related IT Acts", August 25,2012.

5. Expert Talk at Kalyani Govt. Engineering College, Kalyani, Nadia, AICTE Sponsored Staff Development Programme (30.01.12-10.02.12) on 07.02.12,"Energy Dependent Security based on Adaptive Neural Secret Key for Ubiquitous Computing in Wireless Communication"

6. Invited Talk at UGC sponsored national conference "Research and Higher Education in Computer Science and Information Technology, RHECSIT - 2012" on An Adaptive Neural Secret Key Associated Recursive Modulo-2 Operation of Paired bits for Online Wireless Communication (ANSKPPE)", Conducted by Department of Computer Science, Sammilani Mahavidyalaya, Kolkata, in Collaboration with Dept. of Computer Science & Engg., University of Calcutta, February 21- 22, 2012

7. Invited Talk at UGC sponsored national conference " Recent Advances in e-Technologies" organized by Department of Computer Science, Netaji Mahavidyalaya, Arambagh, Hooghly, in Collaboration with Dept. of Computer Science., University of Burdwan, February 24 - 25, 2012

8. Invited Talk at Academy of Technology, Adisaptagram on 2nd International Conference on "Computer, Communication, Control and Information Technology", topic "Watermarking in Transform Domains (WTD)", February, 25-26 on 26.02.12

9. Visiting fellow under Merge Scheme at Department of Computer Science at Vidyasagar University, Midnapur, topic "Networking, Internetworking and Wireless Communications", during March, 01-05, 2012.

10. Expert Lecture in the Refresher Course at Burdwan University on 14.03.2012 and 16.03.2012, Topic "Mobile and Wireless Communications"

11. Invited Lecture in second National Conference On Computing and Systems – 2012 (NaCCS 2012), Topic, "A Tribute to Steven Paul Jobs", on 15.03.2012 at University of Burdwan, 2012.

12. Invited Lecture in UGC sponsored National Seminar on "ICT in Rural Governance in India: Theory & Practice" on 23rd & 24th March 2012 at Government Women's College, Gardanibagh, Patna, 2012, Topic, "E-Technologies and its Applications in Rural Developments".

Chairing Sessions:
1. UGC sponsored National Seminar on **"Global e-healthcare, Present Trends"** on 8th & 9th September 2012 at at IETE Kolkata Centre(Plot – J1-7, Block-EP, Sector-V, Salt Lake Electronics Complex, Opposite WEBEL Bhawan, Kolkata-700091), 2012, One Session

2. UGC sponsored National Seminar on "ICT in Rural Governance in India:Theory & Practice" on 23rd & 24th March 2012 at Government Women's College, Gardanibagh, Patna, 2012, One Session.

3. Second National Conference On Computing and Systems – 2012 (NaCCS 2012), on 16.03.2012 at University of Burdwan, 2012, One Session.

4. UGC sponsored national conference "Research and Higher Education in Computer Science and Information Technology, RHECSIT-2012, Conducted by Department of Computer Science, Sammilani Mahavidyalaya, Kolkata, in Collaboration with Dept. of Computer Science & Engg., University of Calcutta, February 21 - 22, 2012, on 21.02.2012.

5. 2nd International Conference on "Computer, Communication, Control and Information Technology", during 25-26 February, Academy of Technology, Adisaptagram, 2012, on 26.02.12

6. INDIA 2012, (Springer) 5-7 January 2012, Visakhapattanam, One Session.

7. Chairing two sessions in ETCS 2012 at Barrackpur Rastraguru Surendranath College, 20-21 January 2012. Organizing the conference as organizer.

Organizing Workshop Conferences in 2012:

1. International Conference on Intelligent Infrastructure as Program Chair on the Eve of Annual Convention of CSI 2013 at Science City Kolkata during 1-2 December 2012.