# Achievements 2014

**Ph. D. awarded**

1. Haldar, Prasun, Associate Professor, Department of Computer Science & Engineering, Purulia Government Engineering College, Purulia, West Bengal: "**Towards Design and Implementation of GIS Based Tools and Techniques for Various Applications**" submitted for Ph. D. (Engg.), Department of Computer Science & Engineering, University of Kalyani, March 28, 2014.
2. Paul, Manas, Assistant Professor, Department of Computer Applications, JIS Engineering College, Kalyani, West Bengal, India, "**Design and Implementation of Security Systems using Cipher Block Chaining (CBC) Mode**" awarded for Ph. D. (Engg.),Department of Computer Science & Engineering, University of Kalyani, September, 26 2014.

**Book Chapter**

1. Parthajit Roy, Swati Adhikari, J. K. Mandal, A Self-Organizing Map based Spectral Clustering on Shortest Path of a Graph, Book Chapter, in Hybrid Intelligence for Image Analysis and understanding, John Wiley Publication, ISBN: 978-1-119-24292-5, 2014

**Edited Volumes as Volume Editor/Corresponding Editor**

1. International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2014, 14-15 November,2014 at Bhubaneswar Engineering College, Bhubaneswar member of editorial Board of the Proceedings published -Advances in Intelligent Systems and Computing(AISC), Springer Verlag, Switzerland Link: https://books.google.co.in/books?isbn=3319120123, 2014
2. Computational Intelligence in Data Mining (Published by Springer Volume 1 & 2), ICCIDM, Department of Computer Science and Engineering, Veer Surendra Sai University of Technology (VSSUT), Burla, Sambalpur – 768018, Odisha, India, 20-21 December 2014, Smart Innovation, Systems and Technologies, Springer as Program Co-Chair & Editor. Link: Volume I:http://link.springer.com/book/10.1007/978-81-322-2205-7 Volume II: http://link.springer.com/book/10.1007/978-81-322-2208-8 Volume III: http://link.springer.com/book/10.1007/978-81-322-2202-6, 2014
3. Emerging ICT for Bridging the Future - Proceedings of the 49th Annual Convention of the Computer Scoiety of India CSI Volume 1 & 2, CSI 2014, 14-16 December, 2014 at JNTU Hyderabad as Program Chair and member of Editorial Board of the Proceedings to be published -Advances in Intelligent Systems and Computing (AISC), Springer Verlag, Switzerland. Link: https://books.google.co.in/books?isbn=331913728X, 2014
4. Information Systems Design and Intelligent Applications Proceedings of Second International Conference INDIA 2015, Volume 1 and Volume 2, Smart Innovation, Systems and Technologies, Springer, as Program Chair, Publication Chair,8-9 January,2015, Kalyani University Vol 1: http://link.springer.com/book/10.1007/978-81-322-2250-7; Vol 2: http://link.springer.com/book/10.1007/978-81-322-2247-7, 2014.
5. Guest Editor of 'Microsystem Technologies of Springer', publishing special issue from extended version of "1st International conference on 'Microelectronics, Circuits and Systems", Micro-2014 from 11th to 13th July in Hotel Hayat, Kolkata, India. 2014.

**Invited Lecture**

No. of Expert/Invited Lecture delivered:   12
Conference attended:                        12

**Expert Lecture:**
1. Talk on "Networking", at "Reaching Out" program to the school children organized by CSI Kolkata Chapter and Sundarban Unnayan Nigam, at High School, Gosaba, Sundarban on 19.7.14
2. Talk on"Digital Systems and Networking", at "Reaching Out" program to the school children organized by CSI Kolkata Chapter and Sundarban Unnayan Nigam, at Kalidanga High School, Basanti, Sundarban on 5.7.14
3. Invited talk on "Chaos based Security and Authentication", Computational Intelligence in Data Mining (Published by Springer Volume 1 & 2), ICCIDM Department of Computer Science and Engineering, Veer Surendra Sai University of Technology (VSSUT), Burla, Sambalpur – 768018, Odisha, India, 20-21 December 2014.
4. Invited talk on, "ANN based Cryptographic Techniques in Wireless Communications","Eleventh International Conference on Wireless and Optical Communications Networks WOCN2014 Next Generation Internet11th, 12th and 13th of September 2014, Vijayawada, Andhra Pradesh, INDIA(http://www.wocn2014.org), on 11.09.2014, 2014
5. Expert Lecture on "Computer Science Honours Curriculum", Atthe Department of Computer Science, University of Burdwan on 6.8.2014.
6. Expert Lecture on "Image and Document Authentication and their use in Life Sciences", Staff Development Programme conducted by the Department of Botany, University of Kalyani on 30.6.2014

7. Invited talk on "State-of-the-art  Invisible Communication for Authentication",First National Conference on Microelectronics, Circuit & Syatem Design(Micro-2014), 11-13th July, 2014, HOTEL HYATT REGENCY, Salt Lake, Kolkata, on12.07.2014

8. Invited Talk on "Security & Authentication of Documents", in the Workshop on Document Security and Telecom networking, at Techno Salt Lake Campus, on 29.03.2014

9. Invited Talk on "Steganography", in the National Conference on Research Trends in Computer  Science & Application(NCRTCSA – 2014), at SIT, Siliguri, on 08.02.2014.

10. Invited Talk on "Security and Authentication of Documents", in the IETE Student Day at IETE, Kolkata, on 01.02.2014

11. Invited Lecture on "Data Authentication using Digital Signature and watermarking" in the Seminar of Haripal Vivekananda Mahavidyalaya, Haripal on 11.01.2014.

12. Invited Talk on "Authentication of legal Documents using Steganography" in the Seminar of Student day Celebration, IETE on 1.02.2014.