

Invited Talks/Expert Lectures

2018

No. of Expert/Invited Lecture delivered: 07
Conference attended: 04

Expert Lecture:

1. Invited talk in the international conference MCCS 2018(IETE Zonal Conference 2018), 12th May 2018, at BSNL Auditorium, Ranchi on “Reliability Computation in Wireless Network”.
2. Invited talk for the workshop on Emerging Trends in Image Processing, Computer Vision and Pattern Recognition (IPCVP-2018) on 29th March 2018 at Belur Ramkrishna Mission Vidyapitham on “Image processing and authentication I Nonlinear domain”.
3. International Conference of advanced Computing and Big Data Analytics (ICACB’18), requested me to deliver key note address on the eve of ICAB’18 at Kingston Engineering College Vellore on 23rd March 2018.
4. Invited talk on Chaos Assisted Security and Authentication in Public Domain Networks at Barackpur Rastraguru Surendranath College, one day seminar on Recent Trends in Computer Science, 6th March 2018.
5. Key Note Address at ICACCT 201, at APIIT, Panipath, Hariyana, on 17th February, 2018, on Chaos based authentication (to be published in AISC Series of Springer).
6. Key Note Address on Recent Trends of Security in Communication, State Student’s Convention, Region II, Computer Society of India, 10th February, 2018.
7. IEEE, Young Professional organized lecture at Jadavpur University, on 8th February 2018 at the Department of Computer Science & Engineering, on “Chaos based security and Authentication”
8. Invited talk in an workshop at MAKAUT, Salt Lake, Kolkata, on 16th January 2018, on “Security and authentication in Transform Domain”

2017

No. of Expert/Invited Lecture delivered: 12
Conference attended: 08

Expert Lecture:

1. Nature Inspired Cryptographic Techniques based on Neural Synchronization, ISCA, 8th January, 2017, Tirupati.
2. Security and Authentication of Digital Media, Special Lecture, Future Institute of Technology, Boral Campus, 28th February 2017.
3. Data Modeling and predictive Analysis in Soft Computing, National Workshop on Data Modeling and Predictive Analytics-PADAM-2017 at AUCE (A) during March 18-19, 2017 sponsored by TEQIP Phase II, Andhra University, Andhra Pradesh
4. “Data Modeling and Predictive Analytics on Neural Cryptography for Wireless Communication”, IEEE International Conference on Devices for Integrated Circuit (DevIC 2017), March 23-24, 2017, Kalyani Government Engineering College, Kalyani, West Bengal, India.
5. Data Modeling and Predictive Analytics on Neural Cryptography for Wireless Communication, National Seminar, Vidyasagar University, 31st March, 2017.
6. IEEE Expert Lecture at Kalyani Government Engineering College, Security and Authentication in Nonlinear Domain.
7. Wireless and Mobile Communication, Refresher Course, University of Burdwan, 5th July, 2017.
8. Expert lecture on 10th October 2017 for the students of M Sc and MCA of Vidyasagar University, Security in wired and Wireless Domain.
9. Keynote Address in Regional Student’s Convention, Region II, Eastern Region, at Haldia Institute of Technology, on 9th November, 2017
10. Security and Authentication in Mixed Domain, Invited talk, Modern Institute of Engineering, Bandel, West Bengal, 12th November 2017.
11. Chaos based security in wireless domain, invited talk at CCSN 2017, Lalit Grate Eastern, Kolkata, 31st December 2017.
12. Invited Talk on “Reliability Computation in Wireless Domain”, on 22.12.2017, Techno India University on International Conference, ICCECE-2017.

2016

No. of Expert/Invited Lecture delivered: 16
Conference attended: 10

Expert Lecture:

1. Neural Synchronization and Nature Inspired Algorithm based Cryptographic Techniques, National Conference of Computing Systems, Computer Science & Application, North Bengal University, 26th February, 2016.,
2. Recent Trends on Network Security, Expert lecture, The Pailan College of Management and Technology, 19th March 2016, Kolkata
3. ANN Anchored Soft Computing based cryptographic Techniques, National Seminar, Vidyasagar University, 29th March 2016

4. Embedded Systems and its Application, Expert Lecture under TEQIP II, department of applied electronic and Instrumentation, heritage Institute of Technology, 31st March, 2016
5. "Nature Inspired Cryptographic Techniques based on Neural Synchronization, National Seminar on Recent Trends in Computing 2016 (RTC 2016) on 4th May, 2016, Wednesday at JIS College of Engineering, Kalyani, India.
6. Security and Authentication, Expert Lecture for Ph. D Scholar workshop, radiophysics and Electronics, Calcutta University, 22nd June, 2016
7. "Nature Inspired Cryptographic Techniques based on Neural Synchronization", Thirteenth International Conference on Wireless and Optical Communications Networks WOCN2016, 21st, 22nd and 23rd of July 2016, Gandhi Institute of Technology and Management GITAM School of Technology Hyderabad Campus Telangana State, INDIA.
8. Security & Authentication in Public Domain Networks, IEEE lecture Series, IEEE Young Professional Society, Kalyani Government Engineering College, 1st September, 2016
9. "Security in Cloud Computing", National Seminar on Recent Trends in IT" 26th September, 2016, Kolaghat Engineering College, Kolaghat, Midnapur, WB
10. "Security in Cloud", Staff Development Program at MCKVIE, Howrah, 8th October, 2016.
11. Image Processing, Security and Authentication, Special Lecture Programme under TEQIP II, 5th November, 2016
12. "Chaos based Security & Authentication in Public Domain Networks", International Conference on Computing and Communication Systems - 2016 (ICCS-2016), November 11-13, 2016, North Eastern Hill University, Silchar
13. "Security & Authentication in Public Domain Networks", 10th International Conference on Advanced Computing and Communication Technologies (10th ICACCT 2015), 25-26th November 2016, Asia Pacific Institute of Information Technology, Panipat, Haryana.
14. Transform Domain Watermarking Techniques for Color Image Authentication, IEEE International Conference, 16th December 2016, Techno India University, Kolkata.
15. Chaos based Security & Authentication", Micro 2016, 24-25th December, 2016, Kolkata.
16. "Invisible Steganography and related Applications", Expert Lecture and Interaction Programme with Faculty Members and Scholars of the Department of Computer Science & Engineering, Kathmandu University 27th December 2016, Kathmandu, Nepal.

2015

No. of Expert/Invited Lecture delivered: 14
 Conference attended: 10

Expert Lecture:

1. Security & Authentication in Public Domain Network Anchored with Chaos, 9th International Conference on Advanced Computing & Communication Technologies (9th ICACCT 2015), 28-29th November 2015
2. Image Processing and its Application, Expert lecture for Ph. D. Scholars of Applied Physics Department, Calcutta University, 6th November, 2015.
3. Remote Sensing and Satellite Image Processing, National Seminar, Hijli College, 7th October, 2015
4. "Chaos based security and authentication in public domain Networks", Second International Conference on Computer and Communication Technologies, IC3T, 2015, CMR Technical Campus, Hyderabad, 24-26 July 2015, AISC Springer.
5. "Fundamentals of Image Processing in MatLab", MATLAB Application in Engineering Educations, West Bengal State Council of Technical Education assisted Faculty Development program for Polytechnique College Teachers organized by MCKV institute, Howrah, 6th July 2015.
6. "Chaos based Security and Authentication in public domain Communication, Staff Development program of "Opportunistic Social networks, 29th June to 4th July, 2015, KGEC, Kalyani, 29th June 2015
7. "ANN based Security in Wireless Communications", International Conference on Nano-electronics, Circuits & Communications Systems (NCCS 2015) on 9th and 10th May 2015 at ARTTC, BSNL, near Jumar River, Hazaribag Road, Ranchi organized by IETE & ISVE Ranchi Centre, 9th May, 2015
8. "Adaptive Image Encryption based on Chaos", National Conference on Computing, Communication and Information Processing", sponsored by AICTE-NEQIP, May 2-3, 2015, CSE, NERIST, Arunachal Pradesh.
9. "Chaos based Image Authentication", One day Seminar on "Current Trends in Image Processing" organized by Ramakrishna Mission Residential College (autonomous), Sarsuna College, in collaboration with Computer Society of India, Kolkata Chapter, 11th April, 2015 (Saturday).
10. "Chaos based Security and Authentication in Communication", "One day Workshop under TEQIP II Programme" organized by MCKV Engineering College, Howrah, 4th April, 2015.
11. "Information Security and quality Assurance", "NAAC Awareness Workshop" organized by Internal Quality Assurance Cell (IQAC), Vidyasagar University, Midnapur, 1st and 2nd April, 2015.
12. "Internet Technology and Image Processing in Open Source", UGC Sponsored Orientation Program conducted by Academic Staff College, Burdwan University, March, 17, 2015.
13. "Chaos based Image Authentication", National Conference on Computational Technologies 2015 (NCCT'15), 20th February, 2015, Department of Computer Applications, North Bengal University, 2015.
14. Security and Authentication using Chaos Theory, AICTE Sponsored National Conference at Kalyani Govt. Engg. College, 5-6 January 2015.

2014

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 Internet 11th, 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”, At the 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 & System Design (Micro-2014), 11-13th July, 2014, HOTEL HYATT REGENCY, Salt Lake, Kolkata, on 12.07.2014
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.

2013

Expert/Invited Lecture delivered: 14

Conference attended: 14

Invited Lectures

1. Invited Talk in the workshop “Sisu Vigyan Utsav”, on “How to Teach Computer Science in Schools”, 6th January, 2013 at DNM Boys School, Jadavpur.
2. Lecture/panel discussion in 5-days Workshop on “Design and Implementation of Diploma Curricula for the State of Arunachal Pradesh”, at NITTTR, Kolkata during 7-11 January, 2013.
3. Interactive Expert Lecture through Video conferencing at Video Conf. Lab of NITTTR, Kolkata on the topic “Internetworking: Concepts, principle and application”, using ICT Mode through AVIEW Software on 14.02.2013 at NITTTR, Kolkata.
4. Expert Lecture in the Refresher Course at Burdwan University on 06.03.2013, Topic “Mobile Computing – Technology and Applications”.
5. Invited Talk in one day Seminar on “Advance Computing and Communication” sponsored by TEQIP-II, organized by Computer Science and Engineering Department, Narula Institute of Technology, Agarpara, Kolkata on 09.04.2013.
6. Expert Lecture for the Ph. D. Students of department of Computer Science, West Bengal State University, Barasat on 09-04-2013, topic: “Recent Trends of Security in Communication”
7. Expert Lecture at NITTTR, Kolkata on the topic “Security of Mobile IP Networks”, in Staff and Teachers’ Training Program on 14.06.2013.
8. Expert Lecture at Kalyani Govt. Engineering College, Kalyani on the topic “Soft Computing based Security”, in AICTE Sponsored Staff and Teachers’ Training Program on 19.06.2013
9. Expert Lecture in TEQIP Sponsored Faculty Development Program “Advances in Computer Science & Information Technology” at NERIST, Itanagar on the topic “Network and Data Security” on 26.08.2013
10. Expert Lecture in TEQIP Sponsored Faculty Development Program “Advances in Computer Science & Information Technology” at NERIST, Itanagar, on the topic “Remote Sensing and GIS Applications” on 26.08.2013
11. Keynote Lecture in inaugural Session of TEQIP Sponsored Faculty Development Program “Advances in Computer Science & Information Technology” at NERIST, Itanagar on 26.08.2013.
12. Expert Lecture in TEQIP Sponsored National Workshop on “Recent Trends in Information Technology” organized by the Dept of IT, College of Engg. & Management, Kolaghat in Technical collaboration with the Dept of CSE, University of Kalyani, on 26.10.2013, topic “Aspects of Security in Communication-Recent Trends”
13. Keynote Address on “Soft Computing based Security in data Communication”, Dept. of Computer Science, Gourbanga University, Malda, 6-7 December, 2013.

14. Invited Talk on “Soft Computing based Security in Unify Computing”, CSI-2013 Student Convention, Visakhapatnam, 11-15 December 2013, talk delivered on 12.12.2013, on the eve of International Conference on ‘Critical Infrastructure’.

2012

Expert/Invited Lecture delivered: 12

Conference attended: 12

Invited Lectures

1. Expert Lecture in the Refresher Course on Computer Science and 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, Image processing, 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,

2011

Expert/Invited Lecture delivered :06

Invited Lectures

1. Invited Talk at Rajagiri School of Engineering and technology, Kochin, on 22.12.2011, International Workshop on Embedded Computing and Communication System (IWCC 2011), <http://iwcc2011.org>, “A Frequency Domain Steganography using Z Transform (FDSZT)”.
2. Invited Talk at Science City, Kolkata on 27.12.2011, IEEE First International Conference on Communication and Industrial Applications (ICCIA 2011), IEEE Conference id 19700, “An Adaptive Neural Network Guided Random Key Exchange Technique for Low Energy based Online Wireless Communication”
3. Dr. D. S. Mukherjee Memorial Invited Lecture at the Department of CSE, Kalyani Govt. Engg. College, Kalyani, Nadia, Topic: “Steganography and various applications” on 22.03.2011.
4. Invited Lecture at the Department of CS, University of Burdwan, Topic: “RS-GIS – A new Horizon for Application Development”, for the participants of UGC Refresher Course on ICT, on 11.03.2011.
5. Invited Lecture at Patna Women’s College, Patna, Topic: “Resources on Infilbnet: Creation, Access & Management” in an Infilbnet awareness Programme for the Principals of State aided colleges of Bihar, on 18.02.2011.
6. Expert Lectures at NET coaching centre, University of Burdwan on 29.03.2011