



INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE

(Deemed University)

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Invited Keynotes/Technical Talks given by Dr. Debabrata Das (84 Talks over 14 years; has impact on student/young minds for learning Technical Knowledge as well as to know the progress in world; given these talks in Conferences, Workshops, Industry and Academia)

Year 2019:

1. Keynote address, on, “Technical Challenges and Solutions for Paperless Governance”, Workshop on Digital Locker, Organized by National E-Governance Division (NeGD) and Center for E-Governance (CeG), at Bangalore, 10th January 2019.

Year 2018:

2. Technical Talk on, “Radio Resource Optimization in Case of Profile-Migration for 5G Network Slicing”, at 5G Technology and Standards Track, India Mobile Congress (IMC 2018), organized by IEEE and TSDSI (Telecommunications Standards Development Society, India), Aerocity, New Delhi, 26th October 2018.
3. Technical Talk, on “Concepts of WiFi MAC Protocol”, IEEE All India Student, Young Professional and Women in Engineering meet (AISYPWIE), Mysore, 29 September 2018.
4. Technical Talk, in Continental Corporation, for recent trends in Networking, “5G: Network Slicing and Vehicular Communication Challenges and Opportunity”, Bangalore, 24th September 2018.
5. Technical Talk, in IEEE COMSOC Bangalore and Nokia Research hosted workshop on “Cloudification and Network Slicing in 5G Network”, title of the Talk on “Concept of Network Slicing in 5G Network – A Paradigm Shift”, Bangalore, 11th August 2018.
6. Technical Talk, “Network Slicing in Last Mile of 5G”, IEEE 5G Technology Workshop, Bangalore, 29th – 30th June 2018.
7. Technical Talk, “Network Slicing for 5G”, Indian Academy of Sciences sponsored workshop on Recent Advances in Wireless Communication and Network Security, hosted at Jeppiaar Maamallan Engineering College, Sriperumbudur, Tamil Nadu, 15th March 2018.
8. Keynote, “Power Saving Protocols in WiFi HotSpot and 4G-Beyond”, IEEE International Conference on Current Trends in Advanced Computing (ICCTAC-2018), Bangalore, 1-2 February, 2018.

9. Technical Talk, "WiFi MAC Protocol and Future", Aruba-Hewlett Packard Enterprise Technical Event, New-Delhi, 10th January 2018 and Bangalore 18th January 2018.

Year 2017:

10. Keynote, "4G Advanced and Beyond", at workshop on 5G and Future Wireless Technology, IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS-2017), Bhubaneswar, 17-20 December, 2017.
11. Technical Talk, 'Last Mile Challenges in India's Governance Network', at workshop Last-mile Challenges in Smart Infrastructure, IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS-2017), Bhubaneswar, 17-20 December, 2017.
12. Technical talk, "Concept of WiFi MAC", IEEE Bangalore Office, 20th Nov. 2017.
13. Key Note, "Green Medium Access Control Protocol for 4G and Beyond", 5th IEEE International Conference on MOOCs Innovation and Technology in Education (MITE-2017), Bangalore, 28th October 2017.
14. Technical Talk, "Green ICT – Efficient MAC protocol for Next Generation Base Station", IEEE Workshop on Enabling Green Cities, IEEE Standard Society, Bangalore, 13th October, 2017.
15. Technical Talk, "Road maps for Telecom Network", CDoT Executive Program, Bangalore, 12th October 2017.
16. Technical Talk, "Next Generation Research in Energy Saving", Intel Research Colloquium, 9th October, 2017.
17. Technical Talk, "How to Define a Problem in Your areas of interest → Solve → Write A Technical Paper/Patent", SAP Lab, Bangalore, 2nd August 2017.
18. Technical Talk, "Fostering Innovation-Indian Prospective", Samsung Semiconductor India R&D (SSIR), July 14, 2017.
19. Technical Talk, "Energy Efficient Medium Access Control Algorithms for LTE-Advanced", Samsung Semiconductor India R&D (SSIR), Bangalore, July 28, 2017.
20. Key Note, National Conference on 'Emerging Trends in Wireless Communication and Signal Processing', the title of the talk 'Emerging Trend in Energy Efficient Base Stations Access Protocols → 4G and Beyond', NITTE-NMAM Institute of Technology, Udupi, March 17-18, 2017.
21. Guest of Honor and Technical Talk, International Symposium on "Green Technologies for sustainable development", the title of the talk was 'Energy Efficient Medium Access Control for LTE-Advanced', BEC, Bagalkot, Karnataka, 24th February, 2017.

Year 2016:

22. Technical Talk, IEEE International Conference on Advanced Networks and Telecommunication Systems (ANTS-2017), in workshop Information Centric Networks (ICN) on topic 'Information Centric Network – the way ahead', IISc, Bangalore, 7th November 2016.
23. Keynote Address, International conference on Applied and Theoretical Computing and Communication Technology (iCATccT 2016), Bangalore, 21st July 2016.
24. Invited Talk, "QoS in WLAN", TEQIP Sponsored Govt. College of Engineering and Technology, Bhubaneswar, 19th July 2016.
25. Invited Talk, "Medium Access Control Protocol Concepts for WiFi", TEQIP Sponsored Govt. College of Engineering and Technology, Bhubaneswar, 18th July 2016.

26. Invited Talk, "IoT Devices Medium Access Challenges → Possible Solutions for 4G-Advanced and Beyond", Cloud Computing and Innovation Council of India (CCICI) and NIST USA, International Workshop, Bangalore, 8th June 2016.

Year 2015:

27. Invited Talk, "TV White Space field Trials in Bangalore Rural and Urban", for Telecom Regulatory Authority of India (TRAI), Delhi, 26th November, 2015.
28. Invited Talk, "IoT Devices Access Challenges to Medium of Wireless Network", Intel India Academic Forum (IAF), Delhi, -8th – 9th October 2015.
29. Chief Guest and Invited technical talk on, "Green Technology for Telecom", C-DoT, Bangalore, 14th September, 2015.
30. Invited Technical talk on "Green 5G Broadband Communication", IEEE workshop on 5G Technologies, Bangalore, 22nd May 2015.
31. Key Note Address, "Internet Protocol Version 6 (IPv6) – Addressing and Future", Workshop on IPv6 for Enterprises, CDAC Knowledge Park, Bangalore, 4th March 2015.
32. Invited Talk, "TV White Space Efforts and for India", 23rd Convergence India Conclave, New Delhi, 22nd January 2015.
33. Invited Technical Talk on, "Software Defined Network and Emerging Standards", National Seminar on SDN, CDAC, Gol, Thrivathapuram (Trivendrum), Kerla, India, 11th January 2015.

Year 2014:

34. Invited Inaugural Technical Talk "Concept of Internet of Things", Smart Tech Workshop, IEEE HQ Sponsored Metropolitan Conference, Bangalore, 26th September 2014.
35. Invited Technical Talk as Chief Guest, "Next Generation Network – Indian Standard", Faculty improvement program, 21st July 2014.
36. Technical Talk, "Concepts of Wireless Sensor Network MAC", Indian Naval Academy (INA), Ezhimala, Kerala, 21st Feb. 2014.
37. Invited Technical Talk, "Concepts of MAC in Access Network till WiFi", Indian Naval Academy (INA), Ezhimala, Kerala, 20th Feb. 2014.

Year 2013:

38. Invited Technical Talk, "Concepts of Computer Networking -- Internet", Computer Science and Automation (CSA) Dept. Summer School, Indian Institute of Science (IISc), Bangalore, 24th June 2013.
39. Invited Technical Talk, "Energy Efficient Wireless Communication", PESIT South Campus, Bangalore, 28th March 2013.
40. Invite Technical Talk, "Green Wireless Broadband Communication", PSGR Women College Coimbatore, Tamil Nadu, 11th Jan. 2013,

Year 2012:

41. Invited Talk, "Relationship Between Mobile and Cloud", Service Research Innovation Institute (SRII) organized 3rd International Conference on Services in Emerging Market (ICSEM – 2012), December 12-15, 2012 (my talk was on 13th Dec. during a panel discussion).
42. Invited Talk, "Cloud Fundamentals – Networking", Workshop on Next Generation eGovernance by Cloud Way, Sponsored by HP and Intel, Bangalore, October 11th, 2012.
43. Invited Talk, "Conceptual Points for Evolution of Random Medium Access Control (MAC) Protocol Till WiFi", Department of Computer Science and Technology, Malmo University, Sweden, May 15, 2012.
44. Invited Talk, "Broadband Wireless Network Challenges", Faculty Development Program (FDP) at Visvesvaraya Technological University (VTU), Belgaum, March 26, 2012.
45. Main Speaker, "Power Efficient 4G Wireless Broadband Communication, December", Technical Day of Siddaganga Institute of Technology (SIT), Tumkur, March 21, 2012.
46. Invited Talk, "IP Multimedia Sub-Systems – One of the solutions for next generation Internet applications", 3rd National Seminar on Next Generation Network, Sponsored by IEEE COMOSOC Chapter, PESIT, Bangalore, January 27th, 2012.

Year 2011:

47. Invited Talk, "E-Governance Challenges - Technical and Service Prospective", presented to Infosys Executive/Technical Team and a few board members, Infosys Campus, Bangalore, December 15, 2011.
48. Invited Talk, "Real Time Green Communication over Next Generation Wireless Broadband", Samsung Research and Software Lab., Workshop on India Research Network, Bangalore, November 4th, 2011.
49. Keynote address, "Green Communication in 4G Broadband Wireless Network", Third International Conference on Advances in Recent Technologies in Communication and Computing, ARTCom 2011, Bangalore, September 14th, 2011.
50. Keynote in ICT Track, "Green Broadband Communication", International Conference on Emerging Green Technology (ICEGT), at PMU University, Thanjavur, July 28th, 2011.
51. Invited Talk, "Experiments with Human Brains for Innovation → Indian Perspective", Adobe Lab., Bangalore, July 21st, 2011.
52. Invited Talk, "What Next? – Role of WiMAX", National Workshop on Emerging Trend in Communication Technology, Oxford Engineering College, Bangalore, April 12th–13th, 2011.
53. Inaugural Keynote Address, "Machine to Machine Communication", National VLSI and Wireless Communication Conference, Arunai Engineering College, Thiruvanamalai, Tamilnadu, February 17th, 2011.
54. Valedictory Keynote Address, "3G/4G Broadband Wireless Access and Effect in India", St. Francis DeSales College, IT Dept., Bangalore, February 12th, 2011.

Year 2010:

55. Invited Talk on, "Broadband in India and 3G/4G Broadband Wireless Access effect on Internet", National Internet Exchange India (NIXI) workshop for NIXI Fellows, November 28th, 2010, Bangalore.
56. Invite Keynote on, "Wireless Broadband Networks Present and Future", International Conference on Demand Computing (ICODC'10)", Bangalore, November 4th, 2010.

57. Invited Technical Talk on “Mobile Computing: Security and Privacy”, at UGC Sponsored Seminar on Mobile Computing Trends and Future Challenges, September 2nd, 2010, Mount Carmel College, Bangalore.
58. Invited Technical Talk on “Green Broadband Wireless Communication”, at International Conference on Convergence of Science and Engineering (ICSE-2010), April 21-23rd, 2010, Bangalore.

Year 2009:

59. Invited Speaker, Central Research Laboratory (CRL), Bharat Electronics Limited (BEL), on “Concept of MAC Protocols: Wireless LAN MAC”, November 5th, 2009.
60. Invited Speaker, National Engineering Conference, on “Wireless Body Area Network: Medium Access Control Protocols”, at Dayananda Sagar Institutions, Bangalore, March 20th, 2009.
61. Invited Speaker, Title of Talk: Wireless Body Area Network: Present and Futuristic”, at LG Software India, Bangalore, February 19th, 2009.
62. Invited Speaker on “The Future of Rich Media in Enterprise Communication”, in Rich Multimedia Communication (RiMCET) workshop at IEEE International Conference on COMMunication Systems and NETworkS (COMSNETS 09), January 5th, 2009, Bangalore.

Year 2008:

63. Chief Guest, Addressed to audience on: “Possible Major Challenges for Quality Assurance in Upcoming Next Generation Telecom Networks”, at a function organized by Bharat Sanchar Nigam Limited (BSNL), A Government of India Enterprise, to present “*Vishistha Sanchar Seva Padak-2008*” (it was presented by Chief Guest (Dr. Debabrata Das) to Shri M. Paranjothi of BSNL), Sanchar Complex, 5th Block, Jayanagar, Bangalore, October 24th, 2008.
64. Chief Guest Address, Topic: “ Next Generation Networks: Backbone Architecture”, IEEE and ISRO sponsored National Level Students Seminar and Project Competition, Dayanand Sagar College of Engineering, Bangalore, October 15th, 2008.
65. Key Note Address, Topic: “Convergence: A Novel Architecture for High Speed Transit Through Wireless Access Network”, International Conference on Information Processing (ICIP-08), Bangalore, August 9th, 2008.

Year 2007:

66. Invited Talk, Topic: “Concepts of Evolution for Medium Access Control (MAC) Protocol for Wireless-LAN to support Multimedia Till Date and Future”, L & T Infotech, September 20th, 2007.
67. Invited Talk, Topic: “Wireless LAN MAC to support Multimedia”, National Workshop on Wireless Communication J N Tata Auditorium, IISc, Bangalore, August 17th, 2007.

68. Key note address at National Workshop/Conference on Next Generation Network; Topic: "Next Generation Telecom Network: IP Multimedia Subsystem", at BNMIT Engineering College, Bangalore, on April 20th, 2007.
69. Invited talk at Dept. of Electronic Science, Bangalore University, Jnana Bharati Campus, on Celebration of "Swarna Karnataka" lecture series, Topic: What will be broadband metropolitan wireless access network: WiMax?", April 13th, 2007.

Year 2006:

70. *Motorola Research Lab.*: Topic: Proposed MAC and QoS in Wireless-LAN, Audience: Director and Scientific staff of Motorola Research Lab., November 21st, 2006.
71. Invited talk at Orissa Computer Application Centre, Dept. of Information Technology, Topic: Concepts of WiFi and WiMax MAC", December 22nd, 2006, Bhubaneswar.
72. Invited talk at *International Conference on Information Technology (ICIT-2006)* on "QoS issues in medium access control of Wireless-LAN", December 20th, 2006, Bhubaneswar.
73. Key Note Address in Wireless Network Workshop, Topic: "Futuristic Research and Implementation on Wireless Technology", B V B Engineering College, Hubli, Karnataka, India, April 1st, 2006.

Year 2005:

74. *Intel*: Topic: Concepts of Computer Networking; Audience: Engineers of Intel Company; Subjects Covered: Network Design Aspects, Routing Algorithms, Switching; Duration: August 1st to 3rd, 2005.
75. Invited talk in a workshop, "A frame work for students projects", on a topic: Projects on Networking, to Computer Science Departments' faculty members of Viswasaraya Technical Univiersity of Karanataka, organized by Sapthagiri College of Engineering, at Bangalore, on August 24th, 2005.
76. Chief guest and presented the Keynote address on," Recent trends in communication" at the inaugural function of National Conference in Recent Trends in Communication Engineering (NCRTC-2005), at Technology Information, Forecasting and Assessment Council – Centers of Relevance Excellence (TIFAC-CORE's) of Govt. of India sponsored Network Engineering Center, at Arilmigu Kalasingam College of Engineering, Krishnankoil, Tamil Nadu, India, May 12th, 2005.
77. Invited talk on, "Innovation in MAC for random access in case of LANs and WLANs", at Technology Information, Forecasting and Assessment Council – Centers of Relevance Excellence (TIFAC-CORE's) of Govt. of India sponsored Network Engineering Center, at Arilmigu Kalasingam College of Engineering, Krishnankoil, Tamil Nadu, for National Conference in Recent Trends in Communication Engineering (NCRTC-2005), May 12th, 2005.
78. Invited talk on, "End-to-end performance evaluation of a network where WLANs are interconnected by optical backbone", at National Workshop on Advanced Communication Technology, at BNMIT, Bangalore, on April 23rd, 2005.
79. Presentation on, "Wireless LANs MAC protocols challenges for QoS", at Centre for Telecom Research workshop at IIIT Bangalore, on "Wireless Communication in Telecom – Next Trends", February 23rd, 2005.

Year 2004:

80. Presented an invited talk, at MSR Institute of Technology for AICTE on “Wireless LAN MAC”, for faculties of different engineering colleges, on August 10th, 2004.
81. Presented an invited talk on “Evolution of cellular communication from 1st to 4th Generation”. , at J N Tata Auditorium, IISc, 10th April 2004.
82. Presented a talk in IIIT at Hubli; Topic: “Virtual Connectivity and ATM”, for final year engineering students, 2003-2004.
83. Presented an invited talk at Hubli Engineering College at Hubli, topic was “Convergent Networks”, Workshop, 2003-04.
84. Presented an invited talk at Dharwad Engineering College at Dharwad, topic was “VoIP Trends in networking”, 2003-04.