

List of the Invited lectures delivered

1. "Surface Enhanced Raman Scattering and Antibacterial capability of Pulsed Laser Ablated Metal Nano Particles", National Conference on recent Advances in Science and Technology, Assam Science and Engineering University, Guwahati, Mar 15-17, 2018
2. 'Implication of Laser Induced Plasma Parameters on Properties of Pulsed Laser Deposited Thin Films' 2nd Meghnad saha Memorial International Symposium-cum Workshop on Laser induced breakdown spectroscopy, University of Allahabad, Allahabad, Feb 19-21, 2018.
3. 'Relevance of Vacuum Technology in Optical Sciences', One-day workshop on vacuum technology and its application in optical science, jointly organized by SPIE IIT Guwahati student chapter and Pfeiffer Vacuum Pvt. Ltd. in association with department of Physics, IIT Guwahati, Aug 19, 2017.
4. 'Thin films via Pulsed Laser Deposition Technique for Photonics applications', Third International Conference on Thin Film Technology and Applications, Engineering Information Institute, Bangkok, Jan 03-05, 2017.
5. Versatility of Pulsed Laser Deposition Technique for Photonics applications', International Conference of Light and Light based Technologies, Tez pur University, Tezpur, Nov 26-28, 2016.
6. 'Synthesis of Nano Particles and Nano Structured Thin Films via Pulsed Laser Ablation', Workshop On Biophotonics : A Multidisciplinary Approach" NIT Meghalaya, Nov 18-19, 2016.
7. 'Basic overview of Laser Plasma Interaction', DST-SERB School on Plasma theory, IASST, Guwahati, Nov 9-29, 2016 IASST Nov 2016
8. 'Photonics Technology', Seminar on Recent trends in Physics Research, Synode College, Shillong, June 10, 2010.
9. 'Non Linear Optics', 2nd National Symposium on Nonlinear & Complex Phenomena (NSNCP-2015) IASST and CPP, Guwahati, Mar 26-28, 2015.
10. 'Optical properties of material & Laser, the Advancement of Optical Technology', Short Term Training Programme on "Physics of Material, Guwahati Extension centre of NITTTR, Kolkata, Mar 09-13, 2015.
11. 'Laser Spectroscopy: A versatile tool for identification of atomic and molecular system', New Approaches of Basic Sciences towards the development of Engineering and Technology – 2015 (NABSET-2015), Assam Don Bosco University, Guwahati, Feb 27-28, 2015
12. 'Pulsed Laser Deposition: A versatile Technique for Fabrication of Thin Films for Different Applications', 29th National conference on Plasma Science & Technology Plasma(2014) M G University Kottayam Dec8-11, 2015.
13. 'Thin films via PLD technique for photonics applications', Recent trends in Optics and Quantum Optics (IOQO-2014) IIT Patna, Nov 7-8 2014.
14. 'Optical Thin Films via Pulsed Laser Deposition Technique, International Conference on Optics and Optoelectronics (ICOL), Instruments Research and Development Establishment (IRDE), Dehradun, Uttarakhand, India, March 08, 2014.
15. Two lectures based on Laser Technology, 'Application of Laser for manipulation of materials' Department of Physics and Department of Electrical Engineering, NERIST, Nirjuli, Itanagra, Arunchal Pradesh 29.10.2013.

16. Two lectures based on 'Advanced application of Laser Spectroscopy, Department of Physics, NIT Silcher, Dec 29, 2013.
17. Laser Induced High Pressure and High Temperature conditions at solid-liquid interface and its implication on the properties of nano particles, PLD, IISC Bangalore, Nov 09-11, 2011
18. Some of the Advanced Applications of Laser Spectroscopy, Faculty training and Motivation and adoption of schools and colleges by CSIR Lab, CSIR-NEIST, Jorhat Nov 16-17, 2011.
19. Laser Induced Breakdown at Solid-Liquid Interface, 25th National Symposium on Plasma Science & Technology, PLASMA-2010, Guwahati, 8-11 December 2010.
20. Identification of Plastics via LIBS techniques, International Conference MMISLIBS-10 organized by University of Allahabad & Mississippi state University, 21-23 December 2010.
21. Laser Induced Breakdown in Liquid and Solid liquid interface, DAE-BRNS National Laser Symposium NLS_08, LASTEC, Delhi, Jan 7-10, 2009.
22. Recent Advances in Laser Spectroscopy, STC QIP on Recent Advances in Fluorescence and Other Spectroscopic Techniques, IIT Guwahati Dec 08-12, 2008
23. Single Step Single Shot Lithography Techniques via Selective laser ablation DAE-BRNS 4th National Symposium on Pulsed Laser Deposition of Thin Films and Nanostructured Materials, Rajkot, Oct 03-05, 2007.
24. Three lectures on Laser ablation techniques and Laser spectroscopy, STC QIP on Advanced Experimental Techniques, IIT Guwahati Feb 06-10, 2006
25. Three lectures on Photonics and Fibre Optics, Refresher course, Tezpur University, Dec 12-28, 2005.
26. Five lectures on Optoelectronics, Refresher course, Electronics dept. Guwahati University
27. 'Building Blocks of Photonics Technology', STC QIP on Semiconductor organics as future generation electro-optical materials, IIT Guwahati, June 20-24, 2005.
28. 'Two Dimensional Periodic structures via laser Matter Interaction', during 'R R Dassari Distinguished lecture series on Laser Technology, Laser Spectroscopy and Optoelectronics', IIT Kanpur, Feb 28, 2005.
29. Two lectures on 'Photonics Technology for Sensors', Fifth Department of Science and Technology sponsored Workshop on 'Sensors for Agricultural and Industrial Applications' Dibrugarh University, Sept 20-Oct 01, 2004.
30. 'Photonics Technology', Department of Physics, Guwahati University, Aug 13, 2004.
31. Two lecture on 'Lasers', QIP- STC On Optoelectronics, IIT Guwahati, July 05-10, 2004.
32. 'Application of Laser Matter Interaction for Generation of Small Sized Materials', INDO-US Workshop on Radiation Physics with Synchrotrons and other New Sources, Argonne National Laboratory, Chicago, May 14-16, 2003.
33. Series of six lectures on basic aspects of 'Laser and Applications', Refresher course for physics teachers of universities at North-Eastern Hill University, Shillong, Feb 26-28, 2004.
34. Application of Laser and Optical Fibre' during a course on Laser and Fibre: The Ruler of Modern Technology' organized by Extension Centre TTTI on March 27, 2003.
35. Series of three lectures on 'Lasers and Introduction to non linear Optics', during 7th refreshers Course in Physics at Guwahati University, June 20 to July 10, 2001.