

PLENARY /KEYNOTE /INVITED TALK DELIVERED

- 1) Invited Talk delivered in one day Symposium on "Sensors for Society" JNU, Delhi, January, 2023
- 2) Deliver talk as a Resource person in Refresher Course entitled with "Contemporary Issues of Nanoscience and Nanotechnology", Jadavpur University, January, 2023 (Online mode)
- 3) Deliver talk as a Resource person in Refresher course in Chemistry at University of Calcutta, December, 2022 (Online mode)
- 4) Invited talk delivered in 4th International conference on Sensors and Transducers UEMCOS2022, September, 2022
- 5) Invited Talk delivered in 29th National Conference on Condensed Matter Physics - Condensed Matter Days (CMDAYS21) during December 10-12, 2021 organized by Central University of Jharkhand.
- 6) Invited Talk delivered in 65th DAE Solid State Physics Symposium (DAE-SSPS 2021) during December 10-12, 2021 organized by BARC , Mumbai.
- 7) Keynote speaker in "Diabetes Conclave 2021" Global Virtual Summit on Diabetology and Endocrinology on 8th March, 2021.
- 8) Invited talk delivered in "India – Russia Scientific Webinar on Materials Science on New materials and Nanotechnology" during 9-10 December, 2020, organized by Embassy of India, Moscow.
- 9) Invited Talk delivered in XII biennial National Conference of Physics Academy of North East (PANE 2021) during 15-17 December, 2021, organized by Tripura University.
- 10) Plenary talk delivered in "International conference on nanomaterials driven advances in chemical and biosensors (NanoSe 2019)", at Alagappa University, 2019
- 11) Plenary lecture delivered in "International conference on nanomedicine (ICON-2019)" at Madurai Kamraj University, 2019.
- 12) Plenary lecture delivered in a Workshop on "Fabrication of Optoelectronics devices and Sensors Hands-on-Experience" at NIT Warangal, 2019.
- 13) Delivered Invited talk in International Conference on Materials Science (ICMS-2020), at Tripura University.

- 14) Delivered Invited talk in International Conference on “Synthesis, Characterization and Application of Nanomaterials (SCAN 2019)” during 1-2 Nov, 2019 at Kolkata, Organized by IEI.
- 15) Delivered Invited talk in International Conference on Recent Advances in Chemical, Pharmaceutical and Life processes (RACPL-2019) at Andhra University.
- 16) Delivered Invited talk in Industry-Institute Interaction meet at NIT, Durgapur held on 13th August, 2019.
- 17) Delivered invited talk in 4th International Conference on Nanoscience and Nanotechnology (NanoAfrica 2012), During 1-4th April, 2012 at Bloemfontein, South Africa.
- 18) Delivered invited talk in 7th BANGALORE NANO 2014, India.
- 19) Delivered invited talk in International conference on Nanoscience and Nanotechnology “ICONN-2015” Chennai, India.
- 20) Delivered invited talk in International Conference on Nanoscience, Engineering and Technology (ICONSET-2011), India.
- 21) Delivered **MRSI Award lecture** at NEIST, Jorhat during MRSI symposium – 2016.
- 22) Delivered invited talk in International conference on Nanoscience and Nanotechnology (NanoSciTech 2012) at Punjab University, Chandigarh, India, 2012.
- 23) Delivered invited talk in 21st International symposium on Processing and Fabrication of advanced materials (PFAM21), IITG, 2012.
- 24) Delivered invited talk in 3rd International conference on “Recent Advances in Materials Processing Technology “RAMPT-13” Tamilnadu, India.
- 25) Delivered invited talk in “International conference on Materials Science (ICMS2013)” at Tripura University, 2013.
- 26) Delivered invited talk in International Workshop on “Futuristic Materials: Characterization, Properties and Applications in Technology FMCPAT-2014” Rohilkhand University, UP, India.
- 27) Delivered invited talk in 4th International conference /workshop on computational condensed matter physics and materials science (IWCCMP-2016), Gwalior, India.
- 28) Delivered invited talk on “Nanostructured Metal Oxide Semiconductor based Gas Sensors for Healthcare” by Mrinal Pal, 2nd International on Materials Science (ICMS 2017), organized by Tripura University during 16-18 February.
- 29) Delivered Invited talk in International Conference on Nanotechnology (ICN:31 -2017) at IIT Roorkee, during 6-8th December, 2017.

- 30) Invited talk delivered in 1st International conference on ubiquitous and emerging concepts on sensors & transducers UEMCOS2019, University of Engineering and Management, 2019.
- 31) Delivered invited talk on “Magnetic Nanocomposites” at S. N. College, Kolkata, 2006.
- 32) Delivered invited talk on “Nanostructured Materials” at St. Edmond College, Shilong, India, 2007.
- 33) Delivered invited talk on “Magnetism and magnetic Materials” at Ramananda College, Bishnupur, W.B., India, 2008.
- 34) Delivered invited talk on “Magnetic materials and its applications” at Govt. College of Textile Engineering, Serampore, W.B., India, 2008.
- 35) Delivered invited talk on “Nanoscience and Nanotechnology” at Barasat Govt. College, 2009.
- 36) Deliver lecture in National Symposium of Nanoscience and Technology (NANOSTech 2011), Kerala.
- 37) Deliver lecture in 6th National Conference on Thermophysical Properties (NCTP-2011) at BHU, India.
- 38) Deliver lecture in a National Conference on Recent Trends of Research in Physics, Tripura University, 2012.
- 39) Delivered talk in “Second National Seminar on Recent Trends in Condensed Matter Physics including Laser Application (SNSCMPLA 2012)”, Burdwan University, 2012.
- 40) Delivered presentation in “National conference on Innovative molecules for sustainable future (NCIMSF-2013)”, Thappar University.
- 41) Deliver invited lecture in National conference on Microwave communication and devices at Vidyasagar University, 2014
- 42) Delivered presentation in “National workshop on “Physics of Low Dimensional Structures (PLDS-2015)” at Vidyasagar University.
- 43) Invited talk in “Advanced Nanomaterials: Characterizations and Applications (WANCA-2015)” during Nov., 2015, BHU, India.
- 44) Invited Talk in “Advanced Materials & Nanotechnology (AMN-2016), Durgapur, India.
- 45) Invited Talk in “National Symposium on Advances in Chemical Sciences (NSACS-2017)” Organized by Assam University, Silchar – 2017.

Resource person

- 46) Resource person of “Refresher Course in Advances in Nano-Science and Nano-Technology”, conducted by the UGC – Human Resource Development Centre, The University of Burdwan from 26.11.2021 to 09.12.2021.
- 47) Delivered a presentation as a Resource Person in Faculty development program (FDP) at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh on 24th September, 2020.
- 48) Delivered lecture in National Workshop on Quantum Perspective on Advanced Materials (QPAM-11) at Vidyasagar University 2011.
- 49) Delivered talk in “Workshop on Advanced Functional Materials”, NIT Durgapur, 2013.
- 50) Delivered presentation in “Workshop on Nanomaterials: Synthesis, Characterization and Applications”, NIT Durgapur, 2014.
- 51) Delivered presentation in Refresher course on “Thin films and Nanoscience” at Tripura University, 2015.
- 52) Delivered presentation in “2nd Refresher course on Nanoscience and Nanotechnology” during August, 2015 at The University of Burdwan.
- 53) Delivered presentation in Short term course on “Advanced Materials and Processing (AMP-2017)” Organised by Department of Physics, NIT Durgapur, 2017.
- 54) Invited talk delivered in “National workshop on emerging sensor technologies” organized by Department of Nanoscience and Nanotechnology, Bharathiar University, Coimbatore, 2019.
- 55) Invited talk delivered in a Refresher course organised by Faculty Development Council of Tripura University on 1st March, 2019.
- 56) Invited talk delivered in Short term course on “Fundamentals and recent advances in nanomaterials (FRAN-2019)” at NIT, Durgapur.

Popular lecture:

- 57) Deliver lecture on “Renewable energy for sustainable future” in a science camp on “Vigyan O Amra” organized by JBNSTS, 2014.
- 58) Deliver lecture on “Semiconductor nanostructured based breath sensor towards human health monitoring” in International Conference on Material Science (ICMS2024) organized by Tripura University.

- 59) Deliver lecture on “Semiconductor nanostructured based gas sensors towards healthcare application” in Physicists’ Conclave 2024 (NPC 2024) organized by SRM Institute of Science and Technology.
- 60) Deliver lecture on “Semiconductor nanostructured based gas sensor for affordable healthcare” 29th International Conference on Processing and Fabrication of Advanced Materials (PFAM-XXIX Sep 2023) organized by IIT Tirupati.
- 61) Deliver lecture on “Breath sensor towards improve healthcare” in International Conference on Translational Research (*ICTR*) organized by AIIMS, New Delhi.
- 62) Deliver lecture on “Superstition and science” in an awareness camp 2014.
- 63) Deliver lecture on “Renewable energy” in a science awareness camp in 2013.
- 64) Deliver lecture on Magnetism, Magnetic materials and Application, Vidyasagar College for Women, Kolkata, 2013.
- 65) Deliver lecture on “Introduction to Nanoscience and nanotechnology” 2007.