

Invited Lectures:

1. Topical Meeting on Quark-Gluon Plasma, Variable Energy Cyclotron Centre, Calcutta, 1986, Paper: *Transport Theory of Quark Gluon Plasma*.
2. Topical Meeting on Critical Phenomena, Phase Transition and Early Universe, Organised by S.N. Bose National Centre for Basic Science, Calcutta, 1989, Paper: *Stability of Strange Quark Matter and the Mechanism of Confinement*.
3. Workshop on Strange Quark Matter in Physics and Astrophysics, May 20-24, 1991, University of Aarhus, Denmark, Paper: *On the Stability of Bulk and Quasi-bulk Strange Quark Matter and Strange Star*.
4. Invited Lecture in DAE Nuclear Physics Symposium, Utkal University, Bhubaneswar, Dec. 26-30, 1994, Paper: *On the Possibility of Strangelets in Ultra Relativistic Heavy-Ion Collisions*.
5. Workshop on Quark-Gluon Plasma and Phase Transition in the Early Universe, Institute of Physics, Bhubaneswar, Dec. 4-12, 1995, Puri, (Invited speaker), Paper: *Quark Matter in Strong Magnetic Field*.
6. Workshop on Nuclear Astrophysics, Department of Physics, University of Kalyani, Feb. 1-3, 1996, (Convener and also Invited Speaker), Topic: *Quark Droplet Nucleation in Presence of Strong Magnetic Field at the Core of a Neutron Star*.
7. Workshop on Nuclear Astrophysics, IUCAA, Pune Sept. 20-22, 2000, (Invited speaker and Convener),
8. International Conference on Physics and Astrophysics of Quark-Gluon Plasma, Jaipur, November 26-30, 2001; Invited Speaker: Can There be Quark Matter at the Core of a Newborn Neutron Star with Moderately Strong Magnetic Field.
9. QGP Meet '03: Invited Speaker: **Talk:**Quark-Hadron Phase Transition in Strongly Magnetized Neutron Star and the Instability of Quark Matter in Strong Magnetic
10. Workshop on Supernovae, TIFR, Mumbai, January 19-23, 2004- Invited Speaker.
11. Mini-School on Astrophysics, Kalyani Govt. Engineering College, Kalyani, (Organized by IUCCA & IUCAA Reference Centre- NBU), February 4-8, 2004- Invited Speaker.
12. Workshop on High Energy Astrophysics, IIT, Kharagpur, February 23-25, 2004- Invited Speaker.
13. Workshop on *Relativistic Mean Field Theory in Nuclear Physics*, Institute of Physics, Bhubaneswar, during July 26-31, 2004. Invited Speaker.
14. Invited Speaker: Seminars on **Hundred Years of Three Seminal Papers of Albert Einstein & Contemporary Ideas**, January 03-05, 2005, Department of Physics, North Bengal University.
15. Invited Speaker: DAE BRNS International Symposium on Nuclear Physics, BARC, Mumbai, December 12-17, 2005.
16. Workshop on Stars and Galaxies: Observational Techniques & Data Analysis, September 12-15, 2006, Department of Physics, North Bengal University, India.
17. Workshop on Physics and Astrophysics of Hadrons and Hadronic Matter, Visva-Bharati, Santiniketan, India, November 06-11, 2006 (Convener & Invited Speaker of the Workshop).
18. Workshop on Quarks in Astrophysics and Cosmology, Toshihima, Puri, February 15-17, 2008, organised by Saha Institute of Nuclear Physics, Kolkata (Invited Speaker: Overview on the effect of strong magnetic field on dense stellar matter).
19. DAE BRNS Workshop on *New Era in Nuclear & Particle Physics*, Department of Physics, University of Burdwan, November 28-29, 2008, Chaired a session.
20. N-N Interaction, TIFR, ICTS- Physics of Neutron Star Matter, November 18-28, 2010.
21. Astro Statistics and Statistical data Analysis, Department of Statistics, IRC Kolkata and IUCAA, Pune, Burdwan University- Basic Concept of Theoretical Astronomy, November 23-25, 2010.

22. Workshop on "Astronomy & Astrophysics: Concepts and Challenges"- A Community Awareness Programme, Organised by: Library, Documentation & Information Science Division and Physics & Applied Mathematics Unit, Indian Statistical Institute, Kolkata, February 02-03, 2011. "Formation, Evolution and Death of Stars".
23. National Seminar on "Science and Nature: Tagore's Vision and its Relevance, March 12-13, 2011, Siksha-Bhavana, Visva-Bharati.
24. Seminar on Tagore's Environmental Perception and Upcoming Crisis, Organized by "Akhil Bharat Bhuvirdya O Paribesh Samiti", Santiniketan, March 26-27, 2011, "Visva-parichaya and Scientific Thought of Tagore, in Relevance with Modern Science".
25. Invited talk delivered at Uran, Asansol, West Bengal, India, June 26, 2011, Topic:Scientific Thought of Rabindranath and its current relevance.
26. Invited talk delivered at Bidhan Chandra Krishi Viswavidyalaya, Kalyani, India on July 08, 2011, on one day seminar cum panel discussion on "Relevance of Tagore's Thought on Agriculture, Environment, Education and Rural Governance. Topic: Relevance of Tagore's thought on science and modern cosmology.