

CURRICULUM VITAE of DEBIPROSAD DUARI

Email : dpduari@yahoo.com

Education

Degree	Univ/Board	Subjects	Class/Div
B.Sc	Jadavpur	Physics (Hons.), Maths., Stat.	First
M.Sc.	Jadavpur	Physics. Spl. High Energy Phys.	First
Ph.D.	Poona :	Inter University Centre for Astronomy & Astrophysics (IUCAA) Supervisor : Prof. Jayant Vishnu Narlikar	

Employment

- ❖ Visiting Fellow, Tata Institute of Fundamental Research, India,
- ❖ Asst. Professor, Institute for Advanced Studies in Basic Sciences, Iran.
- ❖ Faculty, Univ. of Manchester Inst. of Science & Technology, U.K.,
- ❖ Director, Research & Academics, M. P. Birla Inst. of Fundamental Research, Kolkata.
- ❖ **Presently : Director, Institute of Astronomy Space and Earth Science, Kolkata**

Awards/Scholarships

- ❖ National Merit Certificate of Government of India : Madhyamik (Class X) Examination
- ❖ National Scholarship of Government of India : B.Sc.
- ❖ Senior Research Fellowship of CSIR.(CSIR-UGC NET).
- ❖ **Best Thesis Award of the Astronomical Society of India, 1993-94 .**
- ❖ Gopal Chandra Bhattacharya Memorial Award – 2008 for science popularization in West Bengal
- ❖ **Rabindra Puraskar, Govt. of West Bengal – 2019**, for literary achievement in Science.
- ❖ **DSc. (Honoris Causa), SOA University, Odisha – 2019**

Fellow/Membership of Organisations:

- ❖ **Fellow, Royal Astronomical Society.**
- ❖ **Member, International Astronomical Union**
- ❖ Fellow, Calcutta Mathematical Society
- ❖ Member, Indian Association for General Relativity and Gravitation
- ❖ President, Manindra Narayan Astronomical Trust
- ❖ Former President, Institute of Science, Education & Culture

Schools/Workshops/Conferences attended & Lectures delivered :

Attended around 45 conferences and workshop, presented papers and delivered lectures in various institutes and Universities of :

India, U.K., U.S.A., France, Belgium, Netherlands, Luxemburg, Germany, Spain, Denmark, Sweden, Switzerland, Israel, Iran, South Korea, Czech Republic, Austria, Poland.

Lectures : Have delivered around **1600** lectures, **110** webinars, both technical and popular, at different schools, colleges, universities and science workshops. Given around **350** live television interviews.

Book : (i) Mahakashar Sahajpath (A Cosmic Primer) : Published by Dep. of Information & Culture, Govt. of West Bengal.; (ii) Physics Text Book – Class IX & X. Chaya Prakashani,. (iii) Cosmic Concepts & Challenges (*in preparation*), (iv) India's Space Odyssey (*in preparation*)

Teaching

- ❖ Honorary faculty member of the Presidency University, M.Sc.(Physics)
- ❖ Resource Person, University Grants Commission – Human Resource Development Centre, Calcutta, Jadavpur, Burdwan & North Bengal University.
- ❖ Resource Scientist, INSPIRE Programme, DST, Govt. of India

Planetarium Activities

During the last 21 years (April, 2000 – January, 2022), the main objective was not only to run the largest Planetarium (in terms of seating capacity) successfully, but to continue it as a research institute, recognized by the Govt. of India and also to start a process of extensive Public Outreach Programme, involving Schools, Colleges, Universities, Amateur Astronomers, Science Organizations and general public. The M. P. Birla Planetarium earned the distinction of attracting One Million Visitors in the first 18 months of its operation after the complete renovation to a modern Hybrid Planetarium in 2017.

Research Interests

- Redshift distributions of Quasi Stellar Objects
- Quasar Absorption line & Intervening galaxies hypothesis
- Molecules in UV spectra of Be Stars
- Circumstellar Envelope of late type (AGB) stars and Synthesis of Molecules in Interstellar Medium
- Stellar Classification Schemes
- Methodologies & Impact Analysis of Public Outreach Programmes.

Association with Learned Bodies :

- ❖ **Member : Advisory Committee**, Technology Vision 2035 - TIFAC, DST, Govt. of India
- ❖ **Member : National Standing Committee**, INSPIRE Programme, Dept. Sc. & Tech., Govt. of India
- ❖ **Member, Governing Body**, South Asian Institute of Advanced Research & Development
- ❖ **Member : Planning & Programming Committee**, BITM, NCSM, Govt. of India
- ❖ **Advisor : Experts Comm.**, School Textbook & Syllabus, Govt. of West Bengal
- ❖ **Member : Book Committee**, Dept. of Science & Technology, Govt. of West Bengal
- ❖ **Advisor : DBT Star College Scheme**, Surendranath College, Kolkata.
- ❖ **Hony. Member, Advisory Board**, International Institute of Geospatial Science & Technology.
- ❖ **Member : Governing Council**, Indian Science News Association.
- ❖ **Member : Advisory Board**, MCK Vidyapeeth, Howrah, Contai Public School, East Midnapore.
- ❖ **Member, Managing Committee**, Modern High School, Kolkata