

BIODATA

NAME: PRANAB GHOSH

DATE OF BIRTH: May 10, 1949

PRESENT POSITION: Senior Professor and former Chairman
Department of Astronomy & Astrophysics
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RESEARCH AREAS:

- (1) High Energy Astrophysics:**
(a) Accretion Disks, (b) Neutron stars,
Pulsars and Binary X-ray Sources, (c)
Quasars and Active Galactic Nuclei
- (2) Cosmic Star Formation History**
- (3) X-ray Polarization**
- (4) White Dwarf Rotation**
- (5) Globular Clusters**
- (6) T Tauri Stars**

EDUCATION:

1978 - Ph.D. - University of Illinois,
Urbana, Illinois, USA
1970- M.Sc. - University of Calcutta,
Calcutta, India
1967 - B.Sc. - Presidency College,
University of Calcutta, Calcutta, India
1964 - Higher Secondary – West Bengal
Board of Secondary Education,
Calcutta, India

CURRENT & PREVIOUS POSITIONS: 2008-PRESENT: Senior Professor, Tata
Institute of Fundamental Research (TIFR),
Mumbai (Bombay), INDIA
September-October 2010: Tinsley Visiting
Scholar at the University of Texas in Austin,
Austin, TX, USA
November 2009 – August 2010: Clark Way
Harrison Distinguished Visiting Professor
at the Physics Department of Washington
University in St. Louis, St. Louis, MO, USA
2003-2006: Chairman, Department of
Astronomy & Astrophysics, TIFR,

Mumbai (Bombay), INDIA
1999-2008: Full Professor, TIFR,
Mumbai (Bombay), INDIA
1997-1999: Senior NAS/NRC Fellow at
NASA Goddard Space Flight Center,
Greenbelt, MD, USA
1995-1999: Associate Professor, TIFR
Mumbai (Bombay), INDIA
1992-1995: Reader, TIFR,
Mumbai (Bombay), INDIA
1991-1992: Senior NAS/NRC Resident
Research Associate, NASA Goddard Space
Flight Center, Greenbelt, MD, USA
1989-1991: Visiting Research Associate
Professor, University of Illinois,
Urbana, IL, USA
1984-1989: Fellow, TIFR
Mumbai (Bombay), INDIA
1986: Visiting Assistant Professor,
International School for Advanced Studies
(SISSA), Trieste, Italy
1981-1984: Visiting Fellow, TIFR,
Mumbai (Bombay), India
1980-1981: McDonald Fellow, University
of Texas, Austin, Texas, USA
1978-1980: NAS/NRC Resident Research
Associate, NASA Marshall Space Flight
Center, Huntsville, AL, USA
1974-1978: Research Associate and
University Fellow, University of Illinois,
Urbana, IL, USA
1970-1973: Teaching and Research
Assistant, University of Oregon,
Eugene, Oregon, USA

PROFESSIONAL SOCIETY MEMBERSHIPS:

- International Astronomical Union (IAU)
- Committee on Space Research (COSPAR)
- American Astronomical Society (AAS)
- Astronomical society of India (ASI)
- American Physical Society (APS) 1978-82

AWARDS, PRIZES & HONORS:

- Prizes and Medals for being ranked First
in Higher Secondary Examination,
West Bengal Board, 1964:
(a) Medal for First Position, (b) Medal for
Highest Marks in Practical Examinations,

(c) Book Prizes

- Jagadis Bose National Science Talent Search Scholarship, 1964 - 1967.
 - Prizes & Medals for being ranked First Class First in B.Sc. (Physics) examination, Calcutta University, 1967: (a) University Gold Medal, (b) A Silver Medal,
- (c) Book Prizes.
- National Science Talent Search Scholarship 1967 - 1969.
 - University Fellow, University of Illinois, 1975 – 76
 - Nominated for the Robert J. Trumpler Award of the Astronomical Society of the Pacific, USA, 1979.
 - Nominated for the S. S. Bhatnagar Award of the Council of Scientific & Industrial Research, New Delhi, India, 1993.
 - On the Editorial Board of the Bulletin of the Astronomical Society of India 1995-1997.
 - On the Editorial Board of the Journal of Astrophysics & Astronomy 2003-2010.
 - On the Executive Council of the Astronomical Society of India, 2004-2007