

Biodata

Name & Designation: Somnath Bharadwaj, Professor

Date & Place of Birth: 28/10/1964, Kolkata, India

Area of Specialization: Astrophysics, Cosmology

Educational Qualifications:

PhD	1996	IISc, Bangalore
MSc (Integrated) Physics	1988	IIT Kharagpur

Experience:

7 July 2010 to Present	Professor	IIT Kharagpur
10 August 2004 to 6 July 2010	Associate Professor	IIT Kharagpur
30 March 1998 to 9 August 2004	Assistant. Professor.	IIT, Kharagpur
Feb 1996 to March 1998	Visiting Fellow	HRI, Allahabad
Aug 1988 to Feb 1996	Research Scholar	IISc, Bangalore and RRI, Bangalore

PhD Guidance:

Completed

	Single guidance	Joint guidance
Prior to becoming Professor	2 (Physics)	1 (Physics)
After becoming Professor	2 (Physics) + 1 (ATDC)	2 (Physics)

In Progress

	Single guidance	Joint guidance
After becoming Professor	5 (Physics) + 2 (CTS)	1 (Physics)

Member of Editorial Board:

2010-2015 Journal of Astrophysics and Astronomy Published by Indian Academy of Science and Springer

Video Course

PHYSICS I: Oscillations and Waves (NPTEL)
Astrophysics and Cosmology (NPTEL)

Quantum Mechanics I
Physical Cosmology

Web Course

Oscillations and Waves (NPTEL) co-authored with Prof. S. Pratikh Khastgir

Sponsored Projects

Ongoing: None

Completed:

Measuring the HI Power Spectrum using the GMRT (2007-2010)
PI: Somnath Bharadwaj, Co-I: Jayaram Chengalur (NCRA, TIFR)
Sponsor: BRNS, DAE Amount: Rs. 7.7 lakhs

The Analysis of Galaxy Redshift Surveys (2002-2006)
PI: Somnath Bharadwaj
Sponsor: DST Amount: Rs. 15.2 lakhs

Using HI Observations to Probe Cosmology (2002-2006)
PI: Somnath Bharadwaj, Co-I: Jayaram Chengalur (NCRA, TIFR)
Sponsor: BRNS, DAE Amount: Rs. 7.2 lakhs