

# Debi Prasad Choudhary

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*Experience*    California State University, Northridge,    August 2004 -  
Northridge, CA    Present  
Assistant Professor  
• Field of Specialization:

Optical Astronomical Instrumentation, Solar Physics, Solar System  
Astronomy and Interstellar Medium.

Marshall Space Flight Center (NASA),    February 2003 - August  
Huntsville, AL    2004  
Senior Research Associate of NRC

National Astronomical Observatory of Japan,    January 2001 - April  
Mitaka, Tokyo    2001  
Ctr. of Excellence Fellow (On Deputation From PRL)

Marshall Space Flight Center (NASA),    April 1998 - October  
Huntsville, AL    1999  
Research Associate of NRC (On Deputation From PRL)

National Solar Observatory, Tucson,    October 1996 - January  
AZ    1997  
Visiting Scientist (On Deputation From PRL)

Beijing Astronomical Observatory,    October 1995 - December  
Beijing    1995  
Visiting Professor (On Deputation From PRL)

Physical Research Laboratory,    June 1992 - February  
Ahmedabad    2003  
Scientist-D, Reader

Inter-Univ. Center for Astronomy and    November 1991 - May  
Astrophysics, Pune    1992  
Post Doctoral Fellow

Max-Planck-Institute for Aeronomy,    June 1990 - November  
Lindau    1991  
Max-Planck Fellow



- American Association for Advancement of Science (AAAS)

*Awards & Honors*

- National Merit Scholarship – 1975
- Seth Korarimal merit Scholarship – 1979
- Fellowship of Max-Planck Society – 1989
- Nominee for Yong Scientist Award, INSA\* - 1990
- Distinguished Alumni of Kurukshetra University - 1996
- National Research Council, Associateship – 1998
- Center of Excellence Fellowship at NAOJ, Japan - 2002
- Best Poster award, Astronomical Society of India – 2001
- National Research Council Senior Associateship - 2003

*Teaching Activity*

I have been teaching to the students who are selected for the Ph. D. program of Physical Research Laboratory, Ahmedabad. I have given courses related to Solar Physics, Astronomical Instrumentation, Modeling Techniques and Radiative Transfer. I have also, given course lectures to the college teachers on experimental physics during the faculty development program that are organized by the laboratory. Over last seven years, about five students have worked with me for their project work.

*Responsibilities*

- In-charge of mechanical and electronics workshop of Udaipur Solar Observatory – 1992-1995.
- Leader of Total Solar Eclipse expedition team – 1995.
- Management of island observatory of Udaipur Solar Observatory, which includes scheduling the observers and cataloging the daily observations – 1996-1998.
- Member of the organizing committee for the workshop “PRL Golden Jubilee Workshop on Solar Physics in India during the next Solar Maximum and Beyond, USO, Udaipur, October 7-10, 1996”.
- Member of the advisory team for Prairie View Solar Observatory of A&M University, TX.
- Member of the organizing committee for the workshop “Probing the Sun with High Resolution - A workshop to commemorate Silver Jubilee of USO, October 16-19, 2001”.
- In Charge of “Optics Laboratory” at Udaipur Solar Observatory 2000-2003.
- Member of research scholar selection committee of Physical Research Laboratory – 2002.
- Colloquium Chairman at National Space Science and Technology Center, Huntsville, AL.

*Publications*

- Please refer to [www.csun.edu/~dchoudhary/publications.pdf](http://www.csun.edu/~dchoudhary/publications.pdf) for details.

*Research Experience* • Please refer to [www.csun.edu/~dchoudhary/research.html](http://www.csun.edu/~dchoudhary/research.html) for details.

*Visits & Lectures At Distinguished Institutes* • Please refer to [www.csun.edu/~dchoudhary/lectures.pdf](http://www.csun.edu/~dchoudhary/lectures.pdf) for