

# Hum Chand

Professor Department of Physics and Astronomical Sciences,  
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## EXPERIENCE

### Dean, School of Physical and Material Sciences (former Head, Physics and Astronomical Science)

November 2019- PRESENT

Central University of Himachal Pradesh

Member, AC and EC CUHP

Members and Chair, Board of Studies, School Boards etc

### ARIES, Nainital — Scientist

May 2008 - November 2019

In various capacities, I also worked on projects related to  
1-meter to 3-meter class telescopes.

### IAP, Paris — IAU PGF fellow

July 2006 - April 2008

Selected for Peter-Gruber fellowship by IAU

## EDUCATION

### IUCAA, Pune — PhD

July 2001- July 2006

Worked on “Probing the Universe based on Quasar  
Absorption line systems” for my PhD with Prof. Srianand at  
IUCAA

**Ongoing Initiative:** Set up a 1-meter telescope in  
association with ISRO. Site characterization is underway.

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## Research Interest

Extragalactic astronomy: Quasars  
absorption lines, cosmology using Lyman-  
alpha forest, quasars outflow, AGN  
variability, AGN black hole mass  
estimations, multi-wavelength study of  
AGNs.

## Publications-98 with around 1927 citations

In refereed journals like MNRAS, MNRASL,  
ApJ, ApJL, ApJS, PASA, JoAA

## PhD Students Guided: 8 Ongoing: 5

Short Tem and MSc project: ~50 students.

Post-Doc (i) Mentored in Past: 02 (ii)  
Mentoring Ongoing: 01

Teaching: Taught about Dozen of Courses

## Academic responsibilities

Member, ISDT Thirty Meter telescope, member  
INSIST mission, CASTOR mission, Editorial  
member JAA 2017-2020. PI of DST SERB projects.  
Indian PI of 4m-ILMT project 2017-2019.

## Awards and Honours received

CSIR-JRF, R. K. Bhalal Awards, Peter Gruber  
fellowship by IAU, Young Associate of  
Indian Academy of Science, Certificate of  
reviewer excellence-2017 by Indian  
Academy of Science, Co-author of India op  
cited paper Award 2020