

## CHANDAN KUMAR

PRAKASH PUNJ PUBLIC SCHOOL, P.G. Road, Barni, Masaurhi, Patna, Bihar – 804452, India

[chandankumar16052005@gmail.com](mailto:chandankumar16052005@gmail.com); +91 62066 69081

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### Career Objective

I want to be a part of a renowned university where I can enhance my knowledge in Astrophysics and prove my unique capabilities to achieve something great and different as an Astrophysicist compared to others.

### Education

#### ➤ PRAKASH PUNJ PUBLIC SCHOOL

- 10<sup>th</sup> from CBSE Board in 2021
- 12<sup>th</sup> from CBSE Board & NIOS Board in 2023.

### Honors & Awards

- Awarded with CERTIFICATE OF MERIT for doing online Course & Training on SPACE SCIENCE & TECHNOLOGY AWARENESS TRAINING (START) Programme by ISRO (09/2023).
- For scoring an A+ grade and ranking in the top 5 in the ISRO START Exam in Space Science, I received an free invitation by ISRO to attend the National Space Science Symposium (NSSS 2024) at Goa University (02/2024).
- Awarded with CERTIFICATE OF COMPLETION for doing online Course in ASTROPHYSICS from Mechanica, IIT Madras (09/2023).
- Awarded with Internship Letter & Letter of Recommendation for doing “A Theoretical Research Paper in Astrophysics & Cosmology from Mechanica, IIT Madras (08/2024).
- Awarded with CERTIFICATE OF COMPLETION for doing MASSIVE OPEN ONLINE COURSE (MOOC) ON ADVANCES IN GEOSPATIAL TECHNIQUES FOR MONITORING AND MODELLING HYDROMETEOROLOGICAL DISASTERS by INDIAN INSTITUTE OF REMOTE SENSING, ISRO DEHRADUN (08/2023).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on THE EVOLVING UNIVERSE by CALIFORNIA INSTITUTE OF TECHNOLOGY via Coursera. This was an online non-credit course authorized by Caltech and offered through Coursera (08/2023).
- Awarded with COURSE COMPLETION CERTIFICATE on BIHAR STATE-CERTIFICATE IN FINANCIAL ACCOUNTING UNDER BIHAR SKILL DEVELOPMENT MISSION (BSDM) by BIHAR STATE GOVERNMENT (03/2024).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on MIT QUANTUM PHYSICS II (BARTON ZWIEBACH) by MINDLUSTER.COM EDUCATION WEBSITE (09/2023).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on MIT PHYSICS III (VIBRATIONS & WAVES), PROF. WALTER LEWIN by MINDLUSTER.COM WEBSITE (09/2023).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on MIT PSYCHOLOGY (FRANK SCHILBACH) by MINDLUSTER.COM WEBSITE (09/2023).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on ASTRONOMY (PHIL PLAIT, AMERICAN ASTRONOMER) by MINDLUSTER.COM WEBSITE (09/2023).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on PHYSICS (DR. SHINI SOMARA, BRITISH MECHANICAL ENGINEER) by MINDLUSTER.COM WEBSITE (07/2023).
- Awarded with COURSE COMPLETION CERTIFICATE for doing online Course on COSMOLOGY QUANTUM AND PARTICLE PHYSICS by MINDLUSTER.COM WEBSITE (09/2023).

### **Research/Internship**

- 45 Day's online Training & Internship completed at Edufabrica Education Company in Association with Mechanica, IIT Madras (**Rank: QS #227; NIRF #1**) with Prof J. Hari Prasad (MEA Secretary, Department of Physics, IIT Madras). From August to September 2023; Outcome: 1 Research Paper (A Theoretical Research Paper in Astrophysics & Cosmology (Not Published)).
- Completed 18 Day's online Training "ISRO SPACE SCIENCE AND TECHNOLOGY AWARENESS TRAINING PROGRAMME (ISRO START Programme)" in Association with BITS PILANI UNIVERSITY, HYDERABAD CAMPUS, under the guidance of various ISRO Scientists (from 20<sup>th</sup> July, 2023 to 7<sup>th</sup> August, 2023).

### **Social and Community Services**

- Despite limited financial means, I actively support underprivileged families by providing resources and assistance within my capabilities.

### **Professional development (Conference Paper Presented)**

- Presented an oral paper titled 'Space Science: The Evolution of Space Science, Recent Advances, and Future Directions' at the National Space Science Symposium (NSSS 2024), organized by ISRO and held at Goa University from Feb. 26 to March 1, 2024.

### **Hobbies**

- Passionate about reading theoretical physics books; exploring planets, stars, galaxies, nebulae, black holes, wormholes, and the cosmos as a whole; experimenting with physics; playing football and chess; playing the guitar; and showing love to all humankind and creatures.

### **Additional information**

#### **➤ Unique Achievements**

Selected by ISRO to present research at the National Space Science Symposium (NSSS 2024) held at Goa University.

#### **➤ Specialized Training & Certifications**

Completed online certification courses in astrophysics and space science from institutions such as IIT Madras, Caltech, and ISRO.

#### **➤ Technical Skills** Basics of Typing, Data Entry and Technical Report Writing.

#### **➤ Professional Recognitions**

Ranked in the top 5 in ISRO's START program, earning an A+ grade and a Certificate of Achievement.

#### **➤ Research Experience**

Conducted research paper in astrophysics and cosmology during a 45-day course and internship with IIT Madras.

#### **➤ Additional Interests**

Avid reader of theoretical physics, with a deep interest in exploring planetary science, galaxies, and cosmic phenomena.

**Skills:** Proficient in Power B2, Canva, Microsoft Word 365 and Excel; **Languages:** Hindi (Native), English (Fluent)

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