

JASHANPREET SINGH DINGRA

EDUCATION

THE MILLENNIUM SCHOOL – PATIALA – 12TH GRADE

CBSE Board (2022 – Present)

THE KAIN TAL SCHOOL – PATIALA – 10TH GRADE

ISCE Board (2011 – 2021)

SPACEONOVA – PUNE – PYTHON DATA ANALYSIS

(May 2020 – December 2020)

AWARDS

➤ Academic Awards

- **NSEA 2023 Scholar** (*National Standard Examination for Astronomy*)
- **ISRO Space Tutor 2023**
- **IAAC 2021 – Bronze Honour** (*International Astronomy and Astrophysics Competition*)

➤ Other Awards and Honors:

- **IAAC 2022 – Ambassador** (*International Astronomy and Astrophysics Competition*)
- **SDNP 2021 – Runner Up** (*South Down National Park Astrophotography Competition*)
- **APY 2021 – Shortlisted – Young Category** [*1/4 in India*] (*Astrophotographer of the Year*)
- **Forbes/BBC 2021 Edition – APY shortlisted** [*1/4 in India*]

RESEARCH & ANALYSIS

CLASSIFICATIONS OF EMISSION-LINE GALAXIES (AGNS/SEYFERT/LINER) USING SDSS DR18 AND WISE SURVEYS

2023-Present

AGNS GALAXIES AND THEIR STAR FORMATION RATE CORELLATION WITH MASS AND METALLICITY – SDSS DR7

2022-2023

REDSHIFT ANALYSIS OF TYPE 1A SUPERNOVAE

2023

CONFERENCES & TALKS

STAR PARTY, PUNJAB ENGINEERING COLLEGE, CHANDIGARH, INDIA

September 2023

DARK MATTER AND TYPE IA SUPERNOVAE: SDSSII COLLABORATION MEETING, KOSOVO

March 2023

PULSAR DATA ANALYSIS: HEASARC (NASA), INDIA

May 2022

OUTREACH

➤ Public Outreach

- **Leader of Astronomy Club – Dingraastro Club**
(dingraastroclub.github.io) which is united by more than 200 member all across the world.
- **Active Member of 7+ Astronomy Club in the world. Major Countries- USA, India, Kosovo, Dubai.**

➤ Inclusive Activities

- **Building Rocket Flight Computer with telemetry system.**
- **DAPY – Dingraastro Astrophotography Competition to unite and engage people in astronomy**
- **Astronomy Seminar & Webinar**
(<https://youtube.com/@dingraastroclub>)

SKILLS

- Astronomical Data Analysis
- Astrophotography
- Web Development
- Cooking