

Rishab Navaneet

5th year BSMS Physics

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PERSONAL PROFILE STATEMENT

A passionate Physics student with a dream of contributing to science. Active in Robotics, experimenting, researching and problem solving. Fascinated by the properties of light and trying to understand its mysteries.

EDUCATION

Year	Degree / Examination	Institute / Board	Percentage / CGPA / Rank
2022	NET	UGC-CSIR	AIR 61
2022	4-year BS	NIT-A	8.70
2018	AISSCE	CBSE	95.6
2016	AISSE	CBSE	10.0

SKILLS

ROBOTICS : Arduino IOT Solidworks Raspberry pi	PROGRAMMING Python C
BLENDER : physics simulations 3D Modelling Animations	PHYSICS : Optics

WORK EXPERIENCE

2022 : NIT Agartala

Project : Piezoelectric properties of ZnO Nanowires
- Harvesting Energy from Noise.

2022 : ICTS Bangalore

Classical and Quantum Transport Processes

2021 : ICTS Bangalore

Summer School on Gravitational Wave Astronomy

2021 : IUCAA Pune

Introductory Summer School on Astronomy and Astrophysics

2016 : DST – Inspire

Inspire Science Camp

RESEARCH WORKS

M-31 Inclination :

Computed the Inclination and Intensity distribution of Andromeda Galaxy using Hubble Data and image processing.

Modelling Hydrogen Atom :

Simulated 3D model of H - atom using python

Unified theory of Gravitation and EM :

Rayleigh Instability in fluids :

ACHIEVEMENTS

2022 : SONY Innovation Challenge

Semi-finals Ongoing

2021 : University Physics Competition

Accomplished Competitor

2020 : Robotics Club NIT-A

President 2010-21

1st Prize – Line Follower Competition

2016 : Bharat Scouts and Guides

Rajya Puraskar Badge Holder

2015 : National Standard Examination

Achieved top 10% score in NSEJS Physics

MORE

LANGUAGES : English (SRW) Hindi (SRW)

SCHOLARSHIPS : INSPIRE Scholarship for Higher Education (2018 – 23)

INTERESTS I like to spend time Understanding concepts from a different perspective. Enjoy performing small scale researches on topics that I understand