

Pranat Kumar Panda

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CAREER OBJECTIVE

My ultimate Goal of life is to serve my Nation in every sector, i.e., I want to see my country in the top in every sector.

EDUCATION

National Institute of Technology, Tiruchirappalli
M.Sc. (Physics)
Department of Physics
CGPA -9.42(1st sem)

Pursuing
Joined in September 2021

Pragati Degree College, Bhawanipatna
Sambalpur University
B.Sc.(Physics(H))
Percentage: 88% (Hons.)
Rank – 3rd (University)

Odisha (India)
2018-2021

Government Junior College, Bhawanipatna
HSC (12th Grade), Council of Higher Secondary Education, Odisha
Science, Percentage: 69.7%
Rank – 3rd (College)

Odisha (India)
2017

Saraswati Vidya Mandir, Braja Vihar, Bhawanipatna
SSC (10th Grade), Board of Secondary Education, Odisha
Percentage: 83%

Odisha (India)
2015

AWARDS and ACHIEVEMENTS

- **Qualified IIT JAM 2021**
- **Third Rank (Physics Hons.) in Sambalpur University**
- **Bronze Medal(3rd) in Race Walking(10km) in State Athletics Open Meet 2018, Odisha**

➤ **3rd in District Youth Mock Parliament 2020**

AREA OF INTEREST

- 1) Quantum Information & Computation
- 2) Atomic & Molecular Physics
- 3) Experimental Quantum Technology
- 4) Unification of Laws of Physics

WORK EXPERIENCE AND RESEARCH PROJECT

Project

- **Molecular Dynamics Simulation using Velocity-Verlet Algorithm and Periodic Boundary Condition in MATLAB** (I tried to make generalised programming which can be updated for the input parameters)

Seminars

- Aspects of “Unification of Laws of Physics”
- “A Poisoned Heart of India” – Air Pollution in New Delhi

Work Experience

- Accountant in District Athletic Association, Kalahandi, Odisha

Teaching Experience

- 5 years of teaching to 11th, 12th students, ICSE, CBSE, CHSE

Short Term Course and Summer School

- DST Sponsored INSPIRE Science Camp (Oct 2015) NIST, Berhampur, Odisha
- ISSAA 2021, IUCAA
- Workshop on Application of High-Performance Computing in Astronomy, IIT Kharagpur
- International Symposium on ‘Physics- Fascination to Aspiration (PhyFA’21)’, NITT-Optica, NIT, Tiruchirappalli

LEADERSHIP

- Constituted a cricket team of my classmates in Pragati degree College to Participate in Intercollege Tournament

SKILLS & INTERESTS

Computational-techniques:

- ❖ MS-Office
- ❖ Latex
- ❖ MATLAB, Python (Currently learning)

Language:

- ❖ English
- ❖ Hindi
- ❖ Odia

Interests:

- ❖ Research
- ❖ Teaching
- ❖ Singing, Professional Cricketer

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and beliefs.

Pranat Kumar Panda