

ABHITOSH ANAND

Panchwati Colony, Manjhi Tola, Adityapur 1, Seraikela Kharsawan, Jharkhand, Pin: 831013

Mob: 6200413098

Email: abhitoshanand99@gmail.com

Website: <https://abhitosh.netlify.app/>

PROFESSIONAL SUMMARY

As a Physics enthusiast with five years of experience, I specialize in making complex physics concepts accessible and engaging for students. My teaching methodology has evolved significantly, enhanced by my microteaching training during my Bachelor of Education and a five-month JCERT internship at government schools. The research experience gained through various projects during my B.Sc. and M.Sc. programs has been instrumental in developing effective and comprehensive lesson plans for my students.

PROFESSIONAL EXPERIENCE & INTERNSHIPS

Teaching Intern

Nov 2023 - Present

Middle School Deogarh, Jamshedpur (JCERT Government Affiliated)

- Developed and implemented 50 comprehensive lesson plans with dedicated teaching-learning materials
- Simplified complex Physics concepts through engaging teaching methods
- Integrated microteaching skills into daily lesson delivery
- Conducted regular student assessments and provided constructive feedback

Micro-teaching Workshop

Oct 2023 - Nov 2023

Jamshedpur Co-Operative College, Jamshedpur, Jharkhand

- Took part in intense teaching practice sessions where I worked on core skills like asking good questions and managing classroom time
- Conducted peer teaching sessions to refine instructional strategies and lesson delivery
- Engaged in collaborative feedback exchanges to adapt teaching methods for diverse learning styles

Private Physics Tutor

Aug 2018 - Present

- Mentored students from grades 6-12 in Physics fundamentals
- Created personalized learning strategies and resources
- Maintained parent communication and fostered effective study habits

Physics Internship

17 Aug 2022 - 26 Sep 2022

National Metallurgical Laboratory, Jamshedpur

Researched sustainable hydrogen production via water splitting under Dr. Animesh Jana. Developed electrocatalysts for water electrolysis and investigated novel materials to improve hydrogen evolution reaction efficiency.

PROJECTS

Generation and Application of Non Thermal Plasma

Research project conducted during M.Sc Physics focusing on cold plasma generation, characterization, and applications across various fields.

Renewable Energy and Energy Harvesting

Research project during B.Sc Physics examining various renewable energy sources and energy harvesting techniques.

EDUCATION

Bachelor of Education

Jamshedpur Co-operative College, Jamshedpur, Jharkhand
Expected Mar. 2025

Master of Science in Physics

Jamshedpur Co-operative College, Jamshedpur, Jharkhand
Completed Oct. 2022

Bachelor of Science with Physics (Hons.)

Karim City College, Jamshedpur, Jharkhand
Completed Nov. 2020

CERTIFICATIONS

CTET December 2024 Qualified;
Marks 95 out of 150

KEY SKILLS

- Classroom Management
- Student-Centered Lesson Planning
- Constructive Feedback
- Effective Communication
- Technology Integration in Education