

FACULTY PROFILE

Personal Information

Name: Mr. Satyam Kumar

Designation: Physics Faculty

Profession: Physics Educator and
Academic Mentor

Gender: Male

Languages Known: English, Hindi



Professional Summary

Mr. Satyam Kumar is an experienced Physics educator with more than 11 years of teaching experience in Physics for IIT-JEE, NEET, Olympiads, Board Examinations, and various national and international curricula. He is an IIT-JEE 2010 AIR 1162 Rank Holder and an NTSE Scholar.

He has worked with leading educational institutions including Allen Career Institute, Aakash Institute, FIITJEE, and Byju's. He specializes in building strong conceptual foundations and systematically developing students' problem-solving abilities from beginner to advanced levels.

Mr. Kumar is also the author of various books for JEE and NEET preparation and manages the Physics Factor YouTube Channel with more than 10,000 subscribers. His teaching methodology focuses on conceptual clarity, numerical practice, structured learning, and continuous assessment to help students achieve academic excellence.

Educational Qualification

Bachelor of Technology (B.Tech) – Civil Engineering

Institution: Indian Institute of Technology (IIT), Kharagpur

Duration: June 2010 – April 2014

Professional Experience

Total Teaching Experience: 11 Years

Online Teaching Experience: 8 Years

Senior Faculty – Allen Career Institute, Bangalore

Duration: October 2021 – March 2023

Physics Lecturer – Aakash Institute

Duration: September 2019 – September 2021

Physics Professor – FIITJEE Ltd.

Duration: August 2016 – March 2019

Faculty & Subject Matter Expert (SME) – Byju's – The Learning App

Duration: April 2014 – April 2016

Areas of Expertise

Medical Entrance Examination Preparation

- NEET
- NEET Physics
- NEET UG
- NEET Physics / Chemistry

Engineering Entrance Examination Preparation

- IIT JEE
- IIT JEE Physics
- Physics (JEE - Mains & Advanced)
- Physics (JEE/NEET)

School and College Physics

- Physics (Beginner to Expert)
- Physics (CBSE) Class 11
- Physics (CBSE) 12th Standard
- College Physics (Grade 11 to Doctorate/PhD)
- Physics (1st and 2nd PUC)

International Curriculum

- AP Physics
- AP Physics 1
- AP Physics 2
- Physics (IGCSE)

Professional Highlights and Achievements

- IIT-JEE 2010 AIR 1162 Rank Holder.
- NTSE Scholar.
- More than 11 years of Physics teaching experience.
- Former Faculty at Allen Career Institute.
- Former Faculty at Aakash Institute.
- Former Professor at FIITJEE Ltd.
- Former Faculty and Subject Matter Expert at Byju's.
- Author of various books for JEE and NEET preparation.
- Creator of the Physics Factor YouTube Channel with over 10,000 subscribers.
- Guided students who secured admissions into IITs and NITs.
- Mentored students achieving Top 500 ranks in competitive examinations.
- Students have achieved 100/100 scores in CBSE Physics Board Examinations.

Teaching Methodology

Mr. Satyam Kumar follows a structured and concept-oriented approach to Physics education. His teaching methodology includes:

Concept Development

- Building strong conceptual foundations from the basics.
- Progressing systematically from fundamental to advanced topics.
- Simplifying complex Physics concepts for better understanding.

Classroom Learning Process

- Full conceptual clarity.
- Numerical problem-solving practice during classes.
- Step-by-step increase in difficulty levels of problems.

Assessment and Practice Framework

- Detailed topic-wise notes preparation.
- Topic-wise classroom illustration problems.
- Daily practice problems and discussions.
- Chapter-wise practice tests and question discussions.

- Multiple full-syllabus practice tests.
- Doubt-clearing support for all difficulty levels.

His approach is designed to strengthen analytical thinking, improve problem-solving skills, and enhance examination performance.

Teaching Philosophy

Mr. Satyam Kumar believes that Physics is a subject that requires both conceptual understanding and systematic practice. He focuses on understanding each student's learning pace and gradually building confidence through structured instruction, regular practice, and continuous academic support. He prioritizes student outcomes and is committed to helping learners achieve their academic and competitive examination goals.

Coaching and Academic Services

Satyam Sir Personal Physics Classes

Satyam Sir Personal Physics Classes is described as a Government Registered Online Coaching Centre in Karnataka that provides Physics coaching for students preparing for competitive examinations and academic assessments.