Rupesh MAHORE

CAREER OBJECTIVE

RESEARCHER IN NANOSCIENCE TECHNOLOGY

EDUCATION

2017-2022   Integrated BS-MS in PHYSICS, **National Institute of Technology**, Rourkela
2013-2015   AISSCE in Science **Macro Vision Academy**, Burhanpur

WORK EXPERIENCE

APR -JUNE 2019

INDIAN SPACE RESEARCH ORGANISATION (ISRO)
Research Intern

Working at Laboratory of Electro Optical System,design,development and production of electro-optic sensors and optics for spacecraft use. Specialising in thin film fabrication, design and charecterisation with quality control.

MAY-JULY 2018

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI (IIT-G)
Research Intern

Fabrication and charecterisation of Thinfilms and electroceramics under Prof D.Pamu.

DEC-2017

Indian Asssociation of Physics Teacher (IAPT)
Research Intern

Designing various experiments and setups to demonstrate fundamental concepts of Fluid Mechanics, Electrodyanamics,Gravitation and Astrophysics under Prof HC Verma.

2016-2017

Myspace Tutors, Bhopal
Independent Physics Tutor

Worked as a physics tutor for 11th and 12th std for JEE Advance and Olympiad preparation.

POSITION OF RESPONSIBILITY

FOUNDER AND HEAD: PLANCK Physics Society of NIT-R
MENTOR: Student Counselling Program (SCP) NIT-R
WRITER AND CONTENT HEAD: Pantomime Dramatic Society NIT-R
PUBLIC SPEAKER: Hourglass Club

MAJOR ACHIEVEMENTS

2018:   SELECTED FOR ISRO INTERNSHIP PROGRAM
2017:   WORKED WITH PROF HC VERMA, INDIA'S MOST RENOWNED PHYSICIST
2016:   8TH INTERNATIONAL RANK IN RUDOLF ORTVAY COMPETITION OF PHYSICS
2016:   TOP 1.5 PERCENTAGE SCORER IN JOINT ENTRANCE EXAMS 2016
2011-12:   STATE LEVEL TENNIS PLAYER

PROJECTS

Dr. M.V. Hanumantharao
LEOS-ISRO,Bangalore
Fabrication and design of optical sensors for space application.

Prof S. Murugan
Dept of Mechanical engineering ,NIT R
Thermal and electrical effects on classical and nanofluids.

Prof D.Pamu
Dept of Physics IIT Guwahati
Fabrication and charecterisation of thin films and bulk materials

Prof H.C.Verma
Dept of Physics IIT Kannpur
Designing of experimental setups to explain fundamentals of Physics

SKILLSET

Computer:	Working knowledge of C,C++,AutoCAD , Illustrator , MATLAB , Origin , Spectrum
Familiar OS :	Windows,Linux
Experimental Skills :	Familiar with fabrication,design and charecterisation apparatus
Soft Skills :	Excellent Public speaker, works well in team,good at problem solving