

Nilesh Kumar



20TS06014@iitbbs.ac.in



7389271422



Baloda Bazar, India



15 March, 1999

TECHNICAL SKILLS

Python DSA

OPPs MATLAB

Fortran90 Ansys

Tecplot MS Office

DBMS

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTEREST

Travelling

Badminton

EDUCATION

POST GRADUATION

Indian Institute of Technology, Bhubaneswar

08/2020 - Present

CGPA 8.31

GRADUATION

Shri Shankaracharya Group of Institution, Bhilai

08/2014 - 05/2016

CPI 8.35

INTERMEDIATE

Sri Sankara Vidyalaya, Bhilai (CBSE)

06/2014 - 05/2016

PERCENTAGE 80.2

HIGH SCHOOL

The Aditya Birla public School, Hirmi (CBSE)

04/2016 - 05/2014

CGPA 9

PROJECTS

File-Based Record System

- For this project, I used the concept of oops, file handling to develop a File-Based Record System.

TDMA Solver with Runge Kutta 4th Order

- Using TDMA Algorithm in MATLAB to solve the discretized equation using Runge Kutta 4th order.

Noise Generation Due to Shear Layer Instability (M.Tech Project) (05/2021 - Present)

- Under Supervision:- Dr. Yogesh G. Bhumkar (Assistant Professor School of Mechanical Science)
- Studying the effect of uniform Shear on sound generation for a bluff body

Experimental and Computational Analysis of Rectangle and Circular Fins By Convective Heat Transfer (B.Tech Project) (08/2019 - 04/2020)

- Under Supervision:- Mr. Vikky Kumhar (Associate Professor, Department of Mechanical Engineering)
- Study effect of geometry on convective heat transfer

EXPERIENCE

INTERNSHIP

Ultratech Cement Limited, Hirmi

06/2018 - 07/2018

HIRMI

Tasks

- To Study Cement Mill and Operation

Teaching Assistant for Fluid Mechanics Course IIT, Bhubaneswar

05/2021 - Present

CERTIFICATES

Course on Python Data Structures (08/2021)

NPTEL Online Certification (07/2019 - 08/2019)

A four week course of laws of thermodynamics, secured 65%

NPTEL Online Certification (01/2019 - 03/2019)

A 8 week course on kinematics of mechanisms and mechanisms and secured 72%, was among top 5%.

ACHIEVEMENT

Secured GATE Score of 667, was among Top 2% (2020)