



Nirav Vachhani

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204 Nestle Tower B Mota Mova Rajkot, Guj. – 360005

Executive Summary

- An enthusiastic fresher with highly motivated and leadership skills having Master of sciences degree In **Applied Physics with 7.9 CGPA**.
- Expert in listening and resolving problems. Expert in working pressure situations. Proficient in delivering High quality result.
- Ion Beam Accelerator's Basic Knowledge learnt from Senior Scientists
 - (1) **Tapobrata som (Institute of Physics, Bhubaneswar)**
 - (2) **Ghosh Subhendu (IAUC, New Delhi)**
- To be a successful professional in Globally Respected Organisation and to achieve the objectives of the Organisation with Honesty and Fairness

Education

Course	Year	Board/University	School/College	Percentage
Master of Science (Applied Physics)	2020-2022	Saurashtra University	Department of Nanoscience & Advanced Materials, Rajkot	CGPA: 7.96
Bachelor of Science (Applied Physics)	2017-2020	Saurashtra University	Department of Nanoscience & Advanced Materials, Rajkot	CGPA : 8.12

Academic Projects

2021-2022 "Study the Gas Sensing Property of ZrO₂ Nanoparticles"

- Nanoparticle Synthesis Using Sol Gel Method.
- Check Characterization and Analysis.
- Verify Gas sensing Application and Further Study.

2019-2020 "Audio Transfer Using Li-Fi Technology"

- Developed and design with reference existing models in **Audio Transfer using Li-Fi Techno**.
- Transmitter side First Use **Normal LED** And After Use **IR LED**
- Verify Advance application and Further Study.

Professional Skills

Soft Skills	Time management , Communication, Teamwork, Problem-solving, Critical thinking
Technical Skills	<ul style="list-style-type: none">• Undertaking research and applying analytical skills,• Basic Knowledgeable in the areas of material science, semiconductors material, electronics material, material Characterization techniques ,Nuclear physics, and quantum science
Computer skills	M.S.Office, C++,Python, Origin Lab

Seminars/workshop/Webinar

- National level seminar attended 02
- Workshop attended 02
- Webinar attended 04

Achievements and Extracurricular activities

- Passed the A1 Level in Cambridge English Placement Test in School Level -2013
- Passed the B Grade in SUCEAT Exam in CCDC event, Sau.Uni.-2017.
- Active member of the APPLIED PHYSICS CLUB in Department
- Completed online quiz for National education Policy organized by sanskardham Ahm.-2020

Reference

Reference 1:

Ref By: **Dr.D.G.Kuberkar**

Professor and Head, Department of Nanoscience and Advanced Materials Saurashtra University Rajkot

Contact: **dgkuberkar@gmail.com**

Reference 2:

Ref By: **Dr. Chirag R. Savaliya**

Assistant Professor Department of Nanoscience and Advanced Materials Saurashtra University Rajkot

Contact: **chiragsavaliya43@gmail.com**

Declaration

I hereby declare that the above-mentioned information is correct up to my best of knowledge and belief

Date: 12/03/2022

Place: Rajkot

N.D.Vachhani

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