

RUTUJA SHINDE

Thane ,India

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SUMMARY

Passionate and dedicated postgraduate in Physics with strong academic grounding and experience mentoring peers. Adept at simplifying complex scientific concepts and fostering a supportive learning environment. Skilled in using digital tools and data analysis to enhance teaching effectiveness and student engagement. Committed to continuous learning and academic excellence.

EDUCATION

Master of Science - Physics April 2023

Karmaveer Bhaurao Patil College, Vashi Navi Mumbai

Bachelor of Science - Physics May 2021

Karmaveer Bhaurao Patil College, Vashi Navi Mumbai

PROFESSIONAL EXPERIENCE

Quality Auditor, Accenture Dec 2023 - Dec 2024

- Serve as the SME for the entire team, providing process- related expertise, guidance, and solutions.
- Lead quality audits and support team members by providing training and helping them get qualified in various queues
- Play an instrumental role in the successful transition and management of Client project, delivered ahead of schedule.

Intern, Prama Instruments Jun 2022 - Jul 2022

- Setting up the Excel sheet's format, organizing data in a logical manner and adding specific input fields, drop-down lists, or tables as required.
- Analyzed problems and worked with teams to develop solutions.

PROJECTS

Electric Vehicle Analysis (Power Bi)

- Built an interactive dashboard to visualize electric vehicle stats by model year and state.
- Used DAX and data modeling to calculate average range and ensure accurate performance insights.

Structural and Characterization Study of NiO-SOFC

- Successfully synthesized nanocrystalline NiO-SDC powder using the glycine nitrate combustion method for potential application in IT-SOFCs (Intermediate-Temperature Solid Oxide Fuel Cells).
- Performed X-ray Diffraction (XRD) analysis, confirming the polycrystalline structure of the synthesized powder.
- Developed a deep understanding of solid-state chemistry, fuel cell materials, and structural characterization techniques.

ADDITIONAL INFORMATION

- **Languages:** English, Marathi, Hindi
- **Certifications:** Data Analysis and Visualization with Python (Quastech)
- **Instructional Tools :** PowerPoint, Google Classroom, MS Word, MS Excel
- **Soft Skills :** Problem Solving, Communication, Patience , Time Management, Adaptability