

NINAAD DESAI

M.A. (Economics), M.Sc. (Physics)

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EXPERIENCE

SMARTS CENTER - Asian Institute of Technology, Thailand

- **Research Associate**, August 2024 - Present

Primary: Formulating cross-sector (Industry and Transport) implications for demand-side mitigation interventions.

Secondary: Building low-emission scenarios for Global-South countries using an in-house (EXCEL based) model.

GLOBAL CENTRE FOR ENVIRONMENT AND ENERGY - Ahmedabad University, Gujarat

- **Research Team Member**, December 2023 - January 2024

Deliverable: Feasibility of Carbon Capture and Storage in Gujarat, Vibrant Gujarat Booklet - Government of Gujarat

Assessed the Financial Costs and Viability of Carbon Capture and Storage for the state of Gujarat.

- **Intern**, June 2023 - August 2023

Working paper: Ninaad Desai and Minal Pathak, 2024, "End of life Solar Panels: Assessment for Gujarat, India"

PHYSICAL RESEARCH LABORATORY - Ahmedabad, Gujarat

- **Graduate Research Student**, March 2020 - April 2021

Postgraduate thesis - A study in Solar and Wind for the State of Gujarat

In collaboration with the Head of the Geosciences Department, PRL

EDUCATION

GLOBAL MODULAR COURSE - Wharton School of Management and Ahmedabad University, December 2023

Visited prominent institutions of Social, Political, and Industrial significance in and around Ahmedabad, Gujarat.

AHMEDABAD UNIVERSITY - Ahmedabad, Gujarat

M.A. (Economics), May 2024

CGPA: 3.24/4 (Top of the batch)

ST. XAVIER'S COLLEGE (AUTONOMOUS) - Ahmedabad, Gujarat

M.SC (Physics), April 2021

First Class with Distinction - Final Year

ST. XAVIER'S COLLEGE (AUTONOMOUS) - Ahmedabad, Gujarat

B.SC (Physics), April 2019

First Class - Final Year

TECHNICAL SKILLS

- Programming Languages and Computational Tools:
Proficient - **MS EXCEL, MS Office Suite**
Beginner/Intermediate - **Python, STATA, R Software**
- Quantitative and Qualitative Data Analysis
- Systematic Literature Review / Secondary Research

RESEARCH PUBLICATIONS, REPORTS AND WORKING PROJECTS

- Working Project: The 50+1 Rule in Bundesliga - A case study on the governance of the Bundesliga.
- Feasibility of Carbon Capture and Storage in Gujarat - Vibrant Gujarat Booklet (2024), Government of Gujarat
- Working Paper: Ninaad Desai and Minal Pathak, "End of life Solar Panels: Assessment for Gujarat, India" (2024) - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4693717
- A Study in Plasma Characteristics and Plasma-Ion Propulsion (Peer Reviewed) Student Journal of Physics (ISSN2319-3166)

MAJOR CONFERENCES / MEETINGS ATTENDED

- Attended: EDITS 2024 Annual Meeting, IIASA, Laxenburg, Austria
- Attended: 4th and 5th Annual Economics Conference, Ahmedabad University.
- Presented: 6th IAPT National Student Symposium on Physics (NSSP-18) held at Punjab University, Chandigarh, India.
