

Radhika

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Education

Indian Institute of Science Education and Research

BS-MS with a Majors in Biology

Mohali
Aug 2017 - May 2022

Hindu Vidyapeeth(HVP)

Grade XII

Sonipat
May 2017

Relevant Courseworks

- **Business Experiment and Data-Driven Organisation(ISB)**
- **Academic Writing(ISB)**
- **Real Analysis**
- **Linear Algebra**
- **Probability and statistics**
- **Social history of modern science**
- **Orientalism**
- **Principle of economics**
- **Introduction to Computing**
- **Experimental design and Hypothesis testing**
- **Philosophy of Science**
- **Social theory of Infrastructure**

Research Projects

Research Intern at the Max Institute of Healthcare Management: Leveraging e-pharmacies to improve the quality of TB care in the private sector

with Professor Sarang Deo and Ashish Sachdeva

ISB, Hyderabad

November 2022 - May 2023

- I collaborated with a research team to assess the cost and benefits of a policy intervention critically focused on optimizing TB care supply chains by introducing door-to-door services.
- We provided research support to JEET and established that partnering with a for-profit e-pharmacy to offer door-to-door services greatly enhances patient outcomes at a feasible cost.
- **Skills demonstrated:** Literature review, Costing, Excel, R, Report writing, Quantitative/Qualitative interviews

Research internship at Bharti Institute of Public Policy, ISB

Collaborated with a diverse team of IDP headed by Professor Ashwini Chhatre

Mohali/Remote

June 2022 - July 2022

- I was part of a team aiming to build an open one-stop data portal containing information on agriculture, financial inclusion, etc.
- I was responsible for locating, accessing and cleaning the required datasets.
- **Skills demonstrated:** Data cleaning, data visualization, Excel

MS Dissertation in the Evolutionary Biology Lab: Mechanism of stress resistance in ectotherm

PI: Professor N.G. Prasad

IISER, Mohali

March 2021 - May 2022

- We understood the mechanisms of stress resistance in ectotherms.
- We conducted a series of RCTs to establish that the genetic responses in ectotherms to different stress environments are the same.
- **Skills demonstrated:** R, Experimental design, PCR, Literature review, data visualization.

Research internship in the Immunology Lab

With Professor Sharvan Sehrawat and PhD students

IISER Mohali

April 2019 - Oct. 2019

- I was part of research team exploring how to genetically modify the process of ageing in mice.
- Employed CRISPR to create genetically modified mouse lines to understand the genetic mechanism of ageing.

Industry Experience

Customer-relation head at TeamMed care

I was part of startup aimed at reducing the search cost of health services.

Mohali

April 2023-December 2023

- I was responsible for customer acquisition, customer relations and support for a pilot launch of TeamMedcare to gather marketing intelligence.
- The TeamMedcare platform is a one-stop platform for any women health-related solution.

Skills

Computational Python, MS Office, \LaTeX , R, STATA

Languages Hindi, English, Haryanvi, Punjabi

Achievements

- Aug. 2022 **Test Score** : "GRE Score - 314"
- Aug. 2020-2022 **Scholarship**: "IISER Mohali merit and means Scholarship"
- Aug.2017-18 **Scholarship**: "Haryana POSE Scholarship"
- Jun. 2017 **AIR 65**: "IISER SCB Entrance test."

Conferences and Seminars ---

Chicago booth quantitative marketing conference, Mumbai	Dec. 2023
ISB Healthcare 4.0, ISB Hyderabad	Feb 2023
ISB Leadership Summit at ISB Mohali	Sep 2019
IIDS Data science Summit, ISB Hyderabad	Dec. 2022

Extra Curricular Activities ---

Conducted Yoga and Aerobics sessions for IISER Mohali community	2021-2022
Covered 2000kms on motorcycle in Himalayas	Jan. 2022
Gold Medal in Basketball at Inter-IISERs Sports Meet, held at IISER Pune	Dec 2019