

VASUNDHRA

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EDUCATION

University of Geneva, Geneva, Switzerland	2026
MSc. Global Health	5.17/6
Panjab University, Chandigarh, India	2019
MSc.(H.S.) Anthropology	70.4 %
M.C.M. DAV College for Women, Panjab University, Chandigarh, India	2017
BSc. General (Medical- Botany, Zoology, Chemistry)	70.7 %

RESEARCH EXPERIENCE

BNM Institute of Technology | *Research Associate* Oct 2023 - April 2024

- **Principal Investigator:** Prof. Neetha Mahadev, Project Funding- ICSSR
- **Project Title:** *Awareness, utilisation and socio-economic impact of Pradhan Mantri Bharatiya Janaushadhi Pariyojana (PMBJP) Kendra in the State of Karnataka-* (A government scheme to promote generic medicines in India)
- Led a team of four field investigators to gather data from doctors, customers and entrepreneurs
- Analyzed data from 2,100 respondents using quantitative and qualitative tools
- Conducted over 80+ literature reviews and authored a detailed report with recommendations for promoting generic medicines
- Organized awareness workshops for doctors and entrepreneurs in Bengaluru, Karnataka

CSIR- Centre for Cellular and Molecular Biology | *Project Associate-I* March 2022 - March 2023

- **Principal Investigator:** Prof. Vasant Shinde, Project Funding - CSIR
- **Project Title:** *Archaeo-genomics in the Reconstruction of the Population History of South Asia*
- Acted as the key liaison with tribal representatives across India (Kerala, Hyderabad and Karnataka), ensuring ethical concerns and consent during sample collection
- Performed DNA extraction, quantification, and contamination control from ancient remains and blood samples
- Presented a detailed report on the deteriorating health of the tribal population
- Proposed and facilitated the launch of a comprehensive health checkup program for tribal communities
- Presented at conferences and seminars, contributing to academic discourse on Ancient DNA; published a seminal paper
- Coordinated with project leaders and stakeholders to gather ancient human samples

National Institute of Advanced Studies | *Research Assistant* Jan 2022 - March 2022

- **Principal Investigator:** Dr. Shivali Tukdeo
- **Project Title:** *Learning, Livelihoods and Possibilities of Socially Just Pedagogy*
- Conducted a 40+ source literature review on vocational education in India, assessing policies and employment impact
- Analyzed Sangli's vocational training programs and provided improvement recommendations to the stakeholders

Birla Institute of Technology and Science | *Research Assistant* March 2021 - Aug 2021

- **Principal Investigator:** Prof. Sangeeta Sharma, Project Funding - ICSSR
- **Project Title:** *A Study on the Impact of Assessment Tools to Regulate Positive Thinking during COVID-19*
- Analyzed the effects of COVID-19 on positive thinking using the Subjective Happiness Scale and Satisfaction With Life Scale
- Conducted literature review and collected data through interviews and focus group discussions with 180+ participants
- Employed Atlas.ti, R and SPSS for data analysis
- Identified intervention tools for potential use during the pandemic and submitted the report to ICSSR

ICAR-National Dairy Research Institute | *Research Associate* May 2020 - July 2020

- **Principal Investigator:** Dr. Sanjit Maiti, Project Funding - ICSSR
- **Project Title:** *Livelihood Vulnerability to Climate Change among the Changpa Pastoral Nomads of Leh-Ladakh*
- Conducted a 50+ source literature review on government policies for pastoral nomads in India and the impact of climate change on their livelihoods.
- Analyzed data using SPSS and MS Excel, and submitted the report to ICSSR.

Birbal Sahni Institute of Palaeosciences | *Research Intern* June 2018 - July 2018

- **Supervisor:** Dr. Niraj Rai
- **Project Title:** *Implications of Mitochondrial DNA Inheritance in Biological Anthropology*

- Acquired proficiency in mtDNA extraction from human blood samples, learnt key lab techniques and genetic analysis tools in the domain of biological anthropology

WORK EXPERIENCE

Origin LIFE Clinic | *Research Consultant (Part-Time)*

Sep 2021 - Dec 2021

- Provided personalized support to 130+ clients seeking infertility treatment from Northern states of India
- Led a six-member team to gather background information, communicate results accurately, and provide expert counseling for effective end-to-end treatment

Anthroholc Technologies Private Limited | *User Experience Researcher*

June 2023 - Oct 2023

- Produced high-quality anthropological articles, increasing daily engagement by 35 % on Anthroholc ([link](#))
- Formed and led a global team of anthropology content creators, producing informative videos for over 1500 students
- Enhanced website design and functionality, improving user experience and engagement rates

SKILLS

Software: M.S Excel, SPSS, R, Atals.ti, QGIS

Graphic design: Figma, WordPress

Data Collection: Google Forms, Survey Monkey

Qualitative tools: Focus Group Discussion, In-depth Interviews, Ethnographic Research, Content Analysis

CONFERENCES AND WORKSHOPS

Swiss Model United Nations - United Nations Day, *Palais des Nations, Geneva*

Oct 2024

As a delegate represented Papua New Guinea on the topic *Addressing the Global Refugee Crisis amidst Increasing Climate Migration*

Dissemination of Project Outcome, *BNM Institute of Technology*

Feb 2024

Delivered project outcomes and discussed future research directions for the PMBJP Scheme

ADNAT, *Banaras Hindu University*

March 2023

Received Lalji Singh Travel Grant to present poster

UIAF World Anthropology Congress, *University of Delhi*

Jan 2023

Delivered oral presentation on *aDNA: Tracing Genomic History of South Asia and Why it Matters*

Scientific Applications in South Asian Archaeology, *University of Chicago and BSIP*

June 2022

Awarded travel grant and presented poster on *Ancient DNA and its Encouraging Prospects from India*

Trends in Animal Behaviour Research, *M.C.M. DAV College*

March 2015

Presented poster titled *Fungus Farming in Termites*

INVITED TALKS

Delivered a lecture on Research Methodology and Report Writing to the final year dissertation students at **USHMCT, Rayat Bahara University**

May 2021

ACCOMPLISHMENTS

University Grants Commission - National Eligibility Test, India

2021

Qualified UGC-NET-2021 (Anthropology) for Assistant Professor

194/300

PUBLICATIONS

Dalal, Vasundhra, et al. Advancements and Challenges in Ancient DNA Research: Bridging the Global North-South Divide. *Genes* 14.2 (2023): 479.

VOLUNTEERING

Geneva Digital Health

May 2025

Organized presentation schedules and managed logistics for guest speakers and attendees

Women in Global Health, India

Sep 2025

Writing Article on Sexual Harrasment and CEDAW implementation in India

Swatantrata Sainani Raja Ajiit Singh Ladwa Memorial Trust

May 2021

Distributed food supplies and safety kits to marginalised communities during the COVID-19 pandemic

LANGUAGES

English: Fluent (IELTS-7.5, 2023), **Hindi:** Fluent, **French:** A1