



# INTERNATIONAL INSTITUTE FOR POPULATION SCIENCES

Deemed University  
(An Autonomous Organisation of the Ministry of  
Health and Family Welfare, Government of India)

# Placement Brochure

2022-2023

Master of Population Sciences





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# About IIPS

The International Institute for Population Sciences (IIPS), Mumbai, formerly known as the Demographic Training and Research Centre (DTRC) till 1970, was established in July 1956 under the joint sponsorship of Sir Dorabji Tata Trust, the Government of India and the United Nations. The Institute was re-designated to its present title in 1985 to facilitate the expansion of its academic activities. It was declared as a 'Deemed to be University' on August 14, 1985.

The Institute offers academic courses to train students in Demography and related fields, with an interdisciplinary orientation approach. Its programs integrate disciplines across Demography, Social Sciences, Population Studies, and Health Sciences. The Institute also provides consultancy to the Government and Non-Government organizations and other academic institutions. Over the years, the Institute has helped in building a nucleus of professionals in the field of population and health in various countries of the ESCAP region.

During the past 53 years, students from 42 different countries of Asia and the Pacific region, Africa and North America have been trained at the Institute. Our alumni now occupy key positions in the field of Population and Health in Governments of various countries, Universities, and Research Institutes and in reputed National and International organizations.

The Institute has conducted many prime surveys like the National Family Health Survey (NFHS), District Level Household Survey (DLHS), Assessment of National Rural Health Mission (NRHM), YOUTH in India Project, Global Adult Tobacco Survey (GATS India Project), Research Intervention on Sexual Health Theory to Action (RISHTA Project), Nutrition Surveys, and Longitudinal Aging Study in India (LASI).

**"The Institute offers academic courses to train students with an interdisciplinary orientation."**

# From the Director's Desk

It is my great pleasure to introduce one of the oldest Institutes in the discipline of demography in the country, International Institute for Population Sciences (IIPS), Mumbai whose history goes way back to 1956.

IIPS has been recognised as Deemed University by UGC in the year 1985 considering its wide contribution to the field of demographic and health research, teaching, and training.



The Institute is able to successfully blend cutting-edge research with teaching, with the help of a set of accomplished members of the faculty having a multidisciplinary background. The students are equipped in dealing with large datasets, use advanced quantitative techniques and learn how to interpret results for better policy and program interventions.

They are also encouraged to use qualitative techniques for their dissertation for a comprehensive understanding of society. Our students excel in the fields of Population Sciences and Biostatistics. We are proud to be the hub of nationally important surveys such as the National Family and Health Survey (NFHS), Longitudinal Survey of Ageing in India (LASI), etc.

Our collaborations with international organisations such as UNICEF, UNFPA, WHO, etc. as well as with the world's leading universities help us to groom and expose our students to the emerging areas of population studies and health research.

Best Wishes

Dr. K. S. James,

Director & Senior Professor

International Institute for Population Sciences





# Message from Placement Coordinators

## Dr Manas R. Pradhan



The IIPS Placement Cell works tirelessly to place students in the positions of their dreams, creating a win-win situation for both the student and the employing company/organizations. We invite graduating students and recruiting organisations to determine which needs and competencies are the greatest fit.

We encourage the organisations to visit our campus and provide placement opportunities to our well-trained students, who have demonstrated their ability in a variety of health, insurance, pharmaceutical, and development sectors.

## Dr T. R. Dilip

The International Institute for Population Sciences (IIPS) is a world-class institution for education and research on population sciences.

We provide our students with the tools to excel in this highly competitive and fast-advancing world of empirical analysis. The institute has always been a favorite destination for recruiters from research organizations, the development sector, and the industry.



# Why Hire Us?

## Data Science Skills

We are oriented toward Large-Scale Data Handling.

As well as, well versed in major large-scale surveys of the country, i.e., NFHS, LASI, NSSO, et cetera.

## Software Skills

MPS students are well trained in software such as STATA, SPSS, QGIS, GeoDa, CPro, NVivo, MORTPAK, SPECTRUM, and MSOffice

## Internships and Previous Work Experience

Several of us have had diverse Internship and Workplace Experiences.

## Research & Fieldwork

We undergo mandatory fieldwork for the purpose of data collection as part of our coursework.

Additionally, the MPS cohort is well-versed in handling both primary and secondary data. Additionally, we are experienced in Academic Writing and Research Writing as part of our current and previous Master's

## Core Disciplines Strength

The MPS batch comes from a blended milieu of disciplines. By pursuing their second master's they come with an added advantage if being acquainted with a multidisciplinary skill set. Our batch consists of Geographers, Statisticians, Mathematicians, Sociologists, Economists and Anthropologists.



# Course Structure

## Foundation Papers

- Basic Statistical Methods for Population Studies
- Social Science Concepts and Issues

## Core Papers

- Introduction to Demography and History of Population
- Fertility and Nuptiality
- Mortality, Morbidity and Public Health
- Migration, Spatial Distribution and Urbanization
- Population and Development
- Gender Issues and Reproductive Health
- Population Policies and Programmes
- Research Methodology
- Advanced Statistical and Computer Applications
- Indirect Estimation Techniques, Population Projection and Demographic Models

## Elective Papers

- Healthcare System and Policies
- Introduction to Bio-statistics and Epidemiology
- Concepts and Measures of Global Health
- Population Ageing and Health Transition
- Spatial Demography
- Operations Research
- Monitoring and Evaluation
- Large-scale Sample Surveys
- Health Economics and Financing
- Urbanization, Space and Planning

# Course Details

The M.P.S. programme is designed to provide a higher level of understanding of the population sciences including an in-depth knowledge of the linkages between population and various dimensions of socioeconomic, health, environment, and development. This course is one of its kind where postgraduates from around the nation trained in various disciplines of mathematical and social sciences flow in to learn and contribute to the health and demographic research of the nation.

The main thrust of the program is to investigate and interpret issues related to population and health confronting contemporary Indian societies through a holistic approach to the 'web of life' that sees humankind as a part of interconnected natural and social systems. This is achieved by various in-depth training and field works undertaken by the students. Moreover, their research-oriented learning and hands-on training with large datasets help to find new dimensions in the area and develop the nation.

The course also trains students in various statistical software that allow them to blend in their theoretical knowledge to formulate statistical evidence by means of models and other analyses. They are also well versed in conducting as well as evaluating large surveys and evaluating them for policy formulation and other matters. They are also trained in smooth communication of the results obtained through their analyses verbally as well as in written format with wide audience reachability.



# Student Profiles

## Abdul Fathah



**Qualification:**  
M.Sc. Biostatistics

**Professional Experience:**

Statistician (Self-Employed);  
Participated in the modelling  
and forecasting the spread of  
COVID-19 in Kerala using  
Artificial Neural Network

**Areas of Interest:**

Statistics and Demography

**Software Skills:**

Python, R, SPSS & Stata

**Certifications:**

Certified Specialist in Data Science and  
Analytics (NORKA, ICT Academy)  
Foundation of Data Science (One Fourth  
Labs, IIT Madras)

## Ajit Murmu



**Qualification:**  
M.A. Geography

**Areas of Interest:**

Migration, Fertility and Geography

**Software Skills:**

SPSS, Stata, ArcGIS & QGIS

**Additional Skills:**

Communication Skills

## Alok Kumar



**Qualification:**  
M.A. Geography

**Professional Experience:**

National Service Scheme;  
Dissertation on Snow, Rocks  
and Avalanches

**Areas of Interest:**

Public Health

**Software Skills:**

ArcGIS, SPSS & Stata

**Additional Skills:**

Data Collection, Data Handling, & Teaching

## Amal Halder



**Qualification:**  
M.A. Geography

**Areas of Interest:**

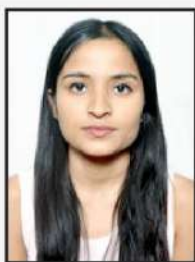
Population Studies & Geography

**Software Skills:**

Stata, SPSS, GIS, QGIS, MSOffice



## Anamika Chakraborty

**Professional Experience:**

Worked in the Financial Sector  
in Ujjvan Small Finance Bank,  
Axis Bank and Omkar  
Associates  
Interned at HIV Alliance &  
Khoon (NGO)

**Areas of Interest:**

Data Analysis, NGOs, Population Projection,  
Social Work

**Software Skills:**

Stata, SPSS, NVivo 10, Spectrum, MSOffice &  
Finacle

**Research Experience:**

Master's Dissertation on Folk Life of the Karbi  
People of Khomar Village

**Qualification:**

M.A./M.Sc. Anthropology

## Ananya Khan

**Areas of Interest:**

SDGs and Inclusive Growth, Population ageing, Gender studies

**Software Skills:**

Stata, SPSS, QGIS, Excel

**Qualification:**

M.A. Geography

## Ankita Roy

**Areas of Interest:**

Geography and Population Studies

**Software Skills:**

Stata, SPSS, ArcGIS, QGIS, ERDAS, MSOffice (Word, Excel, PowerPoint)

**Qualification:**

M.A. Geography

## Dignatika Nandi

**Professional Experience:**

Research Associate, Global  
Market Estimates Research &  
Consultant;  
Research Intern, International  
Institute of Corporate  
Sustainability & Responsibility

**Areas of Interest:**

Development – socio-economic, health  
infrastructure; literacy, human capital  
formation, health economics

**Software Skills:**

Stata, SPSS, Excel

**Qualification:**

M.A. Economics

## Divyansh Chandel

**Research Experience:**

Project on AI Driven Approach for Multiclass Hypothyroidism Classification (Published Paper)

**Areas of Interest:**

Biostatistics and Survival Analysis

**Software Skills:**

R, Python, SPSS, Stata, QGIS, NVivo & MSOffice

**Additional Achievements:**

Qualified UGC NET in Population Studies

**Qualification:**

M.Sc. Statistics and Computing

## Gajendra Gupta

**Areas of Interest:**

Rural Development, Urbanisation, and related issues

**Software Skills:**

Stata, SPSS, GIS, RS

**Qualification:**

M.A. Geography

## Gurucharan Karmakar

**Areas of Interest:**

Environmental Pollution, Maternal and Child Health, Ageing, Migration, Urbanisation and Urban Planning, Remote Sensing and Project Work

**Software Skills:**

R, Python, SPSS, Stata, QGIS, NVivo, MSOffice

**Additional Achievements:**

Qualified UGC NET

**Qualification:**

M.Sc. Geography

## Jayashree Meher

**Research Experience:**

Qualitative study on people's perception about Ideal family size;  
Introductory idea on analysis of time complexity of algorithms

**Areas of Interest:**

Reproductive Health, Gender, Ageing, Maternal, and Child Health, Nutrition

**Software Skills:**

Stata, SPSS, C, C++, MATLAB, MSOffice & LaTeX

**Qualification:**

Integrated M.Sc. Mathematics



## Keshavi Agarwal



### Professional Experience:

Interned at Project Abhyudaya (KKSS) as Database Manager; Research Assistant, Project Social Media

### Qualification:

M.A. Applied Sociology

### Responsibilities:

Placement Cell Representative, IIPS; President, Student Association, CHRIST

### Software Skills:

Stata, SPSS, NVivo, Spectrum, QGIS, MSOffice & Canva

### Areas of Interest:

Gender Studies, Data Analysis, Qualitative Research Methodology, Identity Politics

## Lekshmi PR



### Research Experience:

A Study on the Mathematics of Spirograph

### Qualification:

Integrated M.Sc. Mathematics

### Areas of Interest:

Mathematical Modelling, Data Analysis, Demography, Optimisation, Statistics

### Software Skills:

Stata, SPSS, Python, R, Matlab

## Maliha Ahmad



### Research Experience:

Scope and Opportunities of Religious Tourism in NCT Delhi; Field Report on the Condition of ASHA Workers during the COVID-19 Pandemic;

### Qualification:

M.A./M.Sc. Geography

### Areas of Interest:

Big Data Handling & Analysis, Spatial Analysis, Urbanisation, Gender Issues, Migration, RCH, Policy and Programme Evaluation and Development Research

### Software Skills:

ArcGIS, CSPro, ANTHROPAK, MORTPAK, SPECTRUM, Stata, SPSS, Blue Jay, Python, MSOffice

## Meherul Sardar



### Areas of Interest:

Research and Projects

### Software Skills:

Stata & SPSS

### Qualification:

M.Sc. Geography

## Mohit Kumar Dubey

**Areas of Interest:**

Epidemiology, Data Analyst, Population Projection

**Software Skills:**

Stata, SPSS

**Qualification:**

M.Sc. Statistics

## Mou Jana

**Areas of Interest:**

Population Ageing, Public Health, Fertility, Gender Issues, and Development

**Software Skills:**

Stata, SPSS, NVivo, Spectrum, MSOffice, MORTPAK, QGIS, ArcGIS, GEOMATICA

**Qualification:**

M.Sc. Geography

## Nitin Kumar

**Professional Experience:**

Worked as a Post Graduate Teacher of Geography

**Areas of Interest:**

Migration and Urbanisation, Spatial Analysis and Public Health

**Software Skills:**

Stata, SPSS, ArcGIS, QGIS and MSOffice

**Additional Skills:**

NCC 'C' Certificate, 1 Year Certificate Course in Japanese Language

**Qualification:**

M.A. Geography

## Nitin Kumar

**Areas of Interest:**

Women and child health

**Software Skills:**

Stata, SPSS, ArcGIS, Spectrum, MORTPAK

**Additional Skills:**

NCC C Certificate

**Qualification:**

M.A. Geography



## Paramita Majumdar



**Qualification:**  
M.A. Geography

**Areas of Interest:**

Public Health, Health Economics, Migration, Gender Studies

**Software Skills:**

Stata, SPSS, Spectrum, MSOffice & QGIS

**Additional Certifications:**

Certificate in City and Metropolitan Planning; Conservation Geography;  
Qualified UGC NET/JRF (2022)

## Pratik Neve



**Qualification:**  
M.Sc. Health Sciences

**Areas of Interest:**

Data analysis, Public Health, Global Health, Disability Studies,  
Burden of Diseases

**Software Skills:**

Stata, SPSS, CPro, NVivo 10, QGIS, Spectrum, MORTPAK,  
Anthropac, WHO AnthroPlus, Maxqda, & MSOffice

## Preeti



**Qualification:**  
M.Sc. Geography

**Areas of Interest:**

Population Studies

**Software Skills:**

Stata, SPSS, NVivo 10, GIS, Spectrum

**Research Experience:**

Qualified UGC NET in Geography

## Priyotosh Laha



**Qualification:**  
M.A. Geography

**Areas of Interest:**

Adolescent health, Population and Environment, Marriage,  
Gender Studies

**Software Skills:**

Stata, SPSS, ArcGIS, QGIS, MSOffice

**Additional Achievements:**

Qualified UGC NET JRF in Geography

## Ranjan Singha

**Qualification:**

M.Sc. Geography

**Additional Qualification:**

Qualified UGC NET JRF; CTET Award; Bachelor of Education

**Certifications:**

Geospatial Technology

**Areas of Interest:**

Population Studies, Population Data Handling & Geography

**Software Skills:**

Stata, SPSS, NVivo 10, ArcGIS, QGIS, MSOffice

## Sadanand Karun

**Qualification:**

M.A. Geography

**Areas of Interest:**

Research in Population Studies and Geography

**Software Skills:**

Stata, SPSS, NVivo 10, ArcGIS, QGIS, MSOffice

## Saheb Biswas

**Qualification:**

M.A. Geography

**Areas of Interest:**

Public Health Policies, Reproductive Health & Women Health, and Gender Studies

**Software Skills:**

ArcGIS, QGIS, Stata, SPSS, & MSOffice

**Additional Achievements:**

Qualified UGC NET (2022)

## Sandip Rajaram Vairi

**Qualification:**

M.A. Political Science

**Areas of Interest:**

Fertility, Mortality, Migration, & Public Policy

**Software Skills:**

Stata, SPSS, NVivo 10, MSOffice



## Sankar Oraon



**Qualification:**  
M.A. Geography

**Areas of Interest:**

Child Nutrition, Maternal Health, Migration, & Ageing

**Software Skills:**

QGIS, ArcGIS, Stata, SPSS, NVivo 10, Spectrum & MSOffice

**Certifications:**

SWAYAM Certifications in Wildlife Ecology, Conservation Geography

**Additional Achievements:**

Qualified WB-SET in Geography; Qualified UGC NET JRF in Geography

## Satyaki Mukherjee



**Qualification:**  
M.A. Development Studies

**Professional Experience:**

Interned at Think India,  
Spark IIT Roorkee

**Areas of Interest:**

Rural development, Migration and  
Development; Population and Development

**Software Skills:**

Stata, SPSS, & MSOffice

## Satyam Kumar Rai



**Qualification:**  
M.A. Geography

**Areas of Interest:**

Migration, Population Ageing, Maternal and Child Health

**Software Skills:**

ArcGIS, QGIS, Stata, SPSS, NVivo 10, & MSOffice

## Shahbaz Ali



**Qualification:**  
M.Sc. Statistics

**Areas of Interest:**

Child Mortality, Migration, Maternal Health, & Population Ageing

**Software Skills:**

QGIS, Stata, SPSS, MORTPAK, Spectrum, & MSOffice

**Additional Achievements:**

Qualified UGC-NET in Population Studies

## Sonam Priya

**Qualification:**

M.A. Economics

**Research Experience:**

Project Work on "Sustainable Development Goal - 6 (Clean Water and Sanitation)"

**Areas of Interest:**

Health Economics, Population and Development, Population Ageing

**Software Skills:**

Stata, R & MSOffice

## Subham Sharma

**Qualification:**

M.Sc. Geography

**Areas of Interest:**

Population Ageing, Gender Issues, Nutrition, Maternal and Child Health, Migration and Urbanization, Spatial Demography, Population Projects, Data Analysis and Data Handling

**Software Skills:**

STATA, SPSS, NVivo, SPECTRUM, MORTPAK, QGIS, Arc GIS, ERDAS, Tally ERP 9, Microsoft Office, Adobe Photoshop

## Sucheta Datta

**Qualification:**

M.Sc. Anthropology

**Professional Experience:**

Content Writer at Webstar Technologies Web

**Areas of Interest:**

Large-scale sample survey, epidemiology, ageing, mortality, morbidity and health

**Software Skills:**

Stata, SPSS, NVivo 10, R, MORTPAK, MSOffice

**Research Experience:**

Maternal Obstetric Morbidities among Rai and Lepcha communities of Sikkim; Awareness of the mother to Immunization program for their children with special reference to Muslim community

## Udit Vishwakarma

**Qualification:**

M.Sc. Geography

**Areas of Interest:**

Social Demography and Public Health

**Software Skills:**

STATA, SPSS, ArcGIS, Microsoft Office



## Uttara Nath



### Professional Experience:

Interned at IIGST, South Asian Institute for Advanced Research and Development

### Areas of Interest:

Monitoring and Evaluation, Large-scale Sample Surveys

### Software Skills:

Stata, SPSS, NVivo 10, Spectrum

### Research Experience:

Channel Migration, Bank Erosion and its impact on Agricultural Land Loss and LULC changes in the lower course of Kankai Mai River; A Geospatial Approach.

### Qualification:

M.Sc. Applied Geography

## Vaishali Singh



### Research Experience:

A qualitative study on Impact and Implications of COVID-19 pandemic on the women migrant workers

### Areas of Interest:

Gender issues, Demography, Ageing, Mortality

### Software Skills:

Stata, SPSS, NVivo 10, MSOffice

### Qualification:

M.Sc. Statistics

## Vandita Ranjan



### Professional Experience:

Interned in project "Jan Aushadhi Pariyojna" under 'Kind Beings consultancy', (Delhi); Intern in project "Surakshit Hum Surakshit Tum" under 'APJ Abdul Kalam Foundation' with the collaboration of NITI Aayog

### Areas of Interest:

Data Analysis, Gender issues, Maternal and Child Health, Migration

### Software Skills:

Stata, SPSS, QGIS, MS Office

### Qualification:

M.A. Geography

## Gadekar Vishwajeet Rajaram



### Professional Experience:

Trainer at "Yuva Saathi" Project, Gyan Prabodhini Research Institute - Pragma Manas Sanshodhika and HCL Foundation (2021)

### Areas of Interest:

Monitoring & Evaluation, Health, Biostatistics, Large-Scale Sample Surveying, Epidemiology, Reproductive Health, Mortality & Morbidity

### Software Skills:

Stata, SPSS, MSOffice, NVivo, R, Spectrum, MORTPAK, GeoDA

### Qualification:

M.A. Political Science

# Past Recruiters



McKinsey&Company





# Placement Committee

**Dr. Dilip T. R.**  
Placement Coordinator  
Email: [diliptr@iipsindia.ac.in](mailto:diliptr@iipsindia.ac.in)  
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Placement Cell Representative  
Email: [shrdjhu@gmail.com](mailto:shrdjhu@gmail.com)  
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## How to Reach Us?

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[placementcell.iipsmumbai@gmail.com](mailto:placementcell.iipsmumbai@gmail.com)

**LinkedIn ID:** [www.linkedin.com/in/placement-cell-iips](https://www.linkedin.com/in/placement-cell-iips)

