



**INTERNATIONAL INSTITUTE
FOR POPULATION SCIENCES**

INTERNSHIP BROCHURE

2026



**M.Sc. in Survey Research & Data
Analytics**

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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. It serves as a regional center for Training and Research in Population Studies for the ESCAP region. IIPS holds a unique position among all the regional population centers. It was the first such center started, and it serves a much larger population than any of the other regional centers. The Institute is under the administrative control of the Ministry of Health and Family Welfare, Government of India. Institute had conducted many prime surveys like National Family Health Survey (NFHS), District Level Household Survey (DLHS), Assessment of National Rural Health Mission (NRHM), YOUTH in India Project, Global Youth Tobacco Survey (GYTS India Project), South Asia Centre for Labour Mobility and Migrants (SALAM), The World Health Organisation's Study on global Ageing and adult health (SAGE), R4D India: Inclusive Social Protection for Chronic Health Problems, SWABHIMAAN Project, GENDER (Gender Equity and Demography Research) Project, Maternal and Newborn Health (MNH) Exemplars India Study, Longitudinal Survey of Maternal and Infant Nutrition in Maharashtra (LoSMINM) and Longitudinal Aging Study in India (LASI).



Dr. Dewaram A. Nagdeve

Director & Sr. Professor

DIRECTOR'S MESSAGE



I am delighted to introduce the International Institute for Population Sciences (IIPS) in Mumbai, an institution with a rich history dating back to 1956. IIPS has earned the status of a Deemed University due to its significant contributions to demographic and health research, teaching, and training. The institute excels in combining cutting-edge research with effective teaching, thanks to its accomplished and diverse faculty members. Our students are well-prepared to work with extensive datasets, employ advanced quantitative and qualitative techniques, and interpret their findings to support improved policies and program interventions. They particularly shine in the fields of Population Sciences and Biostatistics. Through collaborations with international organizations like UNICEF, UNFPA, WHO, and prestigious universities worldwide, we offer our students exposure to the latest developments in population and health research. I extend a warm invitation for you to visit our campus and engage with our students, who not only possess valuable skills, knowledge, and diverse field experience but have also embraced the values and ethics of our institution. These principles will guide them to become valuable assets to your esteemed organizations, whether they work on small-scale or large-scale projects, from rural communities to the global stage. They are committed to making a positive impact on society, the environment, the economy, education, and various other fields, all while maintaining a strong sense of compassion and humanity.

MESSAGE FROM THE COURSE COORDINATORS



DR. PREETI DHILLON
Assistant Professor



DR. LAXMIKANT DWIVEDI
Professor and Head

Dear Recruiter, Warm greetings from the International Institute for Population Sciences (IIPS), Mumbai! We are pleased to introduce the 2024–26 MSc program in Survey Research & Data Analytics. This two-year multidisciplinary program equips students with a strong foundation in Mathematics, Statistics, and Computer Science, transforming this knowledge into advanced data science with a focus on survey research and data analytics. Our students gain hands-on experience with tools like STATA, Python, R, MS Power BI, GIS, NVIVO, and others, alongside a deep understanding of large-scale surveys, demographic techniques, and advanced analytics including AI and machine learning. The curriculum also covers key topics such as data collection methods, sampling, visualization, predictive modeling, program monitoring, and health and social data analysis, with a strong emphasis on ethics and publication in survey research. IIPS's extensive experience in large-scale surveys provides students with valuable insights into real-world data challenges. This diverse group of students, trained in both technical skills and survey research methodologies, is well-prepared for roles in national and international organizations, tackling complex data problems and informing policy decisions. We invite you to connect with this dynamic cohort and explore potential collaboration opportunities.

MESSAGE FROM THE PLACEMENT COORDINATORS



Prof. Nandita Saikia
nanditasaikia@iipsindia.ac.in

"It is with great pleasure that I welcome you to explore the talent pool of Master in Survey Research and Data Analytics Program through this internship brochure. At the forefront of data-driven decision-making, our program equips students with advanced statistical knowledge, practical skills, and analytical tools necessary to excel in diverse industries.

Our students are trained rigorously in both theoretical and applied aspects of statistics, mastering techniques in data modelling and real-world problem-solving."

"Greetings from the International Institute for Population Sciences (IIPS), Mumbai!

We are pleased to introduce our students and invite your esteemed organization to participate in our student placement program. IIPS offers a strong academic foundation, practical exposure, and skill-oriented training to prepare students for industry requirements.

Our students are enthusiastic, motivated, and equipped with relevant technical and professional skills that can add value to your organization. We would be honored to explore opportunities for internships, training programs, or full-time placements with your organization.

We would welcome the opportunity to discuss how our students' profiles align with your organizational needs. Please feel free to contact us for further details or to schedule a meeting at your convenience."



Prof. Abhishek Singh
abhishek@iipsindia.ac.in

Survey Research and Data Analytics

The M.Sc. in Survey Research and Data Analytics at the International Institute for Population Sciences (IIPS), Mumbai, is a specialized program designed to equip students with robust skills in data collection, survey methodology, and statistical analysis. This interdisciplinary program focuses on both theoretical and applied aspects of survey research, preparing graduates to address complex social and population-based issues. Core areas include sampling methods, data analysis, questionnaire design, and computational techniques, alongside the use of advanced software tools for data handling. By integrating real-world applications and research projects, students gain practical experience in analyzing and interpreting data relevant to public policy, health, and social sciences. This program aims to develop proficient data analysts and researchers ready to contribute to academic, governmental, and corporate sectors where data-driven decision-making is essential.



COURSE *STRUCTURE*

CORE

- Mathematics for Data Science
- Statistical Methods and Approaches
- Data Sources
- Sample Survey Design
- R Programming
- Analytics in STATA
- Data Visualization with Software
- Data Quality Assessment and Management
- Python
- Predictive Analysis
- Ethics in Research and publications
- AI and ML
- Applied Multivariate Analysis
- Program Monitoring and Evaluation Design

ELECTIVE

- Longitudinal Data Analysis
- Spatial Analysis
- Health System and Policies
- Urbanization, Space and Planning
- Bayesian and small area estimation methods
- Concepts and measures of Global Health
- Demographic models and Indirect Estimations
- Health Economics and Financing
- Population Environment and Sustainable Development

FOUNDATION

- Indian Knowledge System
- Demographic Methods
- Social Science Concepts



WHY HIRE US?

IIPS provides a holistic environment for growth at both the personal and professional levels by imparting specialized skills in survey research, data analytics, and statistical modeling that align with emerging industry and academic needs. Within this framework, strong emphasis is placed on nurturing the ability to develop, articulate, and translate meaningful insights into evidence-based conclusions. The academic programme is thoughtfully designed to prepare students for promising careers in academia, research organizations, and the corporate sector, with a focus on strengthening analytical and data-driven decision-making skills. The curriculum blends theory with extensive empirical applications and equips students to work confidently with large and complex datasets. Students receive rigorous hands-on training on major analytical and survey tools including Python, R, SAS, STATA, and PowerBI , fostering proficiency in modern data-driven methodologies.

INDUSTRY RELEVANCE

IIPS has a rich legacy of grooming future leaders.

**RESEARCH
INTERN**



**BUSINESS
ANALYST**



**DATA
SCIENTIST**



**ROLES
WE FIT IN**



**DATA
ANALYST**



**RISK
ANALYST**



**MARKETING
ANALYTICS**



Akash Kumar Pandey

Education Qualification : B.A.(Hons.) Statistics

Previous College : Banaras Hindu University

Skills : Advanced Excel , C , SPSS , R , STATA , Python, SQL, Power BI , Canva, Model-fitting & Predictive Analysis, Time-Series Analysis.

Previous Experience : Data Science Intern at IDEAS-TIH, ISI Kolkata



Aniket Pramod Kamble



Education Qualification: B.Sc. Statistics

Previous College : Savitribai Phule Pune University

Skills : R , Python , STATA, M.S. Excel

Previous Experience: Fresher



Anjali Verma

Education Qualification: B.Sc. (Hons.) Mathematics, Statistics, Computer Science

Previous College : Bundelkhand University, Jhansi

Skills : MS - Excel, R Programming, STATA, Python, Power BI, C, C++

Previous Experience: Fresher



Aveek Samanta



Education Qualification: B.Sc. (Hons) Statistics

Previous College : University of Ccutta

Skills : STATA , R , Python , Excel , Power BI , SQL

Previous Experience Fresher





Chirag Sadhwani

Education Qualification : B.Sc. (Hons) Statistics

Previous College : Maharaja Sayajirao University of Baroda

Skills : Excel, Python, R, STATA, PowerBI, SQL, Machine Learning, Deep Learning

Previous Experience : Fresher



Debabrata Sahoo



Education Qualification : B.Sc. (Hons) Statistics

Previous College : Vidyasagar University

Skills : STATA, Python, R, Advanced Excel, Power BI, SQL

Previous Experience : Fresher



Deekshant Bhailot

Education Qualification : B.Sc. in Statistics, Physics, Mathematics

Previous College : Rashtrasant Tukadoji Maharaj Nagpur University

Skills : MS Excel, R, Python, STATA, Power BI, SQL

Previous Experience : Fresher



Harshata Roy



Education Qualification : B.Sc. (Hons) Statistics

Previous College : VISVA BHARATI UNIVERSITY

Skills : Python, SQL, HTML, CSS, R programming, Power BI

Previous Experience : Fresher





Harshit Dubey

Education Qualification : B.Sc. in Statistics and Mathematics.

Previous College : University of Allahabad

Skills : Python, SQL, PowerBI , R, STATA , Excel, Machine Learning (Basic)

Previous Experience : Fresher



Kevithonuo Livi



Education Qualification : B.Sc. Statistics

Previous College : Kohima Science College, Jotsoma, Nagaland

Skills : Basic accountancy, Microsoft Office , Stata, R, C++

Previous Experience : Fresher



Lika Tsuhah

Education Qualification : B.Sc. Statistics

Previous College : Nagaland University

Skills : STATA, R, Excel

Previous Experience : Fresher



Nitin Kumar



Education Qualification : B.A. Hons. (Statistics)

Previous College : Banaras Hindu University

Skills : Python, Stata, Excel, Power BI , R , Atlas.ti

Previous Experience : Worked as AI Trainer on Outlier





Piya Barman

Education Qualification : B.Sc. (Hons) Statistics

Previous College : Calcutta University

Skills : R, STATA , Excel, Python

Previous Experience : Fresher



Pooja Yadav



Education Qualification : B.Sc. in Statistics

Previous College : Banaras Hindu University

Skills : C, R, PYTHON, STATA , HTML , CSS , MS Excel,
Power BI

Previous Experience : Fresher



Prachi Satish Nikam

Education Qualification : B.Sc. Actuarial Science

Previous College : North Maharashtra University,
Jalgaon

Skills : R, STATA, MATLAB, MS-Excel, Minitab, Power
BI, Actuarial Modelling, Financial Reporting (IFRS 17)

Previous Experience : Fresher



Pratim Sen



Education Qualification : B.Sc. (Hons) Statistics

Previous College : West Bengal State University

Skills : Python, SQL, STATA, R, Excel, Power BI

Previous Experience : Fresher





Rahul Kumar

Education Qualification: BSc Mathematics
Previous College : Nalanda Open University
Skills : Stata(Basic), Python(Basic), R(Basic),
Power BI(Beginner), MS Excel
Previous Experience: Fresher



Rushikesh Sharad Bhosale



Education Qualification: B.Sc. Statistics
Previous College : Savitribai Phule Pune University
Skills: Excel, Python, R, STATA
Previous Experience: Fresher



Sakshi Jain

Education Qualification: B.Sc. (Hons) Statistics
Previous College : The Maharaja Sayajirao University
of Baroda
Skills : Excel, R, Python, Stata, SQL, PowerBI
Previous Experience : Fresher



Sattyam Chakraborty



Education Qualification : B.Sc. (Hons) Statistics
Previous College : Calcutta University
Skills : R, Python, Power BI, SQL, STATA
Previous Experience : Fresher





Shruti Sitaram Sonkusare

Education Qualification: B.Sc. in Statistics,
Mathematics, Physics

Previous College : Rashtrasant Tukadoji Maharaj
Nagpur University

Skills Python, R, Stata, MS Excel, SQL, PowerBI

Previous Experience : Fresher



Sudhanshu Yadav



Education Qualification: B.Sc. in Statistics &
Mathematics

Previous College : University of Allahabad, Prayagraj

Skills: MS Office Suite, Advanced MS Excel, R
Programming, Stata, Python, SQL, Power BI

Previous Experience: Fresher



Suman Bag

Education Qualification: B.Sc. (Hons) Statistics

Previous College : Calcutta University

Skills R, Python, SQL, Power BI, MS Office ,STATA

Previous Experience: Summer Internship at the
IDEAS - Institute of Data Engineering, ISI.



Sunil G. Sahoo



Education Qualification: B.Sc. (Hons) Statistics

Previous College : Mithibai College(Mumbai University)

Skills: Advanced Excel, R, STATA, Python, SQL, Power BI

Previous Experience: Data Entry & Information
Management Intern at Singularium Technologies, Data
Analyst Intern at NullClass





Vaibhav Tiwari

Education Qualification: B.Sc. in Statistics, Mathematics

Previous College : University of Allahabad

Skills : R, STATA, Python, Excel, MS Word, SQL ,
Power BI

Previous Experience : Fresher



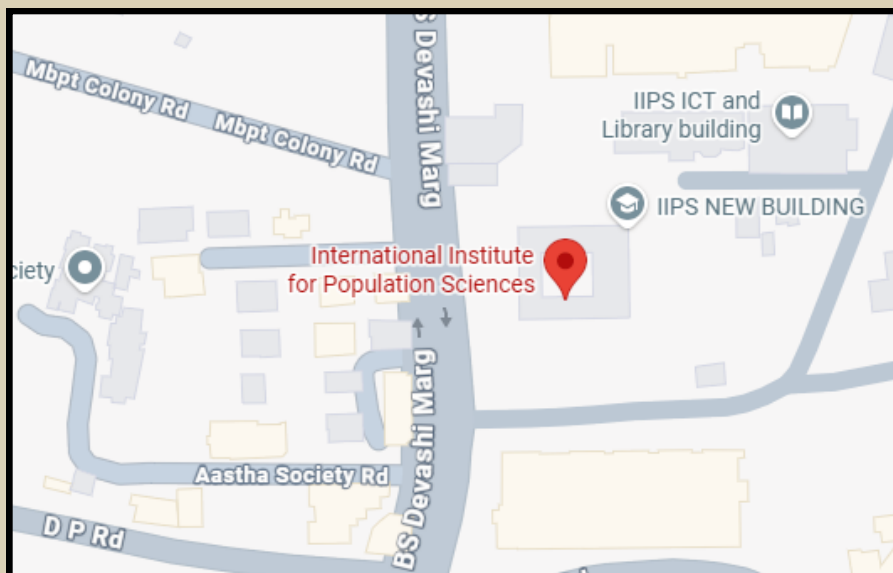
How To Reach Us

 : director@iipsindia.ac.in

 : +91-022-42372400

Address :

Govandi Station Road, Deonar,
Mumbai-400088, Maharashtra



* You can reach the geo-location of the institute by clicking on the image.

Master of Science in Survey Research And Data Analytics

Batch of (2025 - 2027)



“Perfection is not attainable, but if we chase
perfection, we can catch excellence.”

— Vince Lombardi

CONTACT US

Placement Cell Coordinators

Dr. Abhishek Singh
abhishek@iipsindia.ac.in
Phone no. - 022-42372423

Dr. Nandita Saikia
nanditasaikia@iipsindia.ac.in

Email: placementcell.iipsmumbai@gmail.com
placementcell@iipsindia.ac.in

Placement Representatives (studentconnect.msdc@iipsindia.ac.in)

Chirag Sadhwani
chiragsadhwani78@gmail.com
+91 7597544005

Prachi Nikam
nikprachi9526@gmail.com
+91 8459943584

Sunil Sahoo
sahoosunil841@gmail.com
+91 8862014629

Akash Kumar Pandey
akash.statistics73@gmail.com
+91 7905311523

Pratim Sen
pratimsen@proton.me
+91 7679544995
