

INTERNSHIP DRIVE (2020-21)



"To position IIPS as a premier teaching and research institution in population sciences responsive to emerging national and global needs based on values of inclusion, sensitivity and rights protection."



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INTERNATIONAL INSTITUTE FOR POPULATION SCIENCES

DEEMED UNIVERSITY
(AN AUTONOMOUS ORGANIZATION OF THE
MINISTRY OF HEALTH AND FAMILY WELFARE, GOVT. OF INDIA)

ABOUT THE INSTITUTE

In 1956, the United Nations, the Government of India and the Sir Dorabji Tata Trust, jointly established the Institute to serve as a regional center for teaching, training and conducting research in the area of population studies in the ESCAP region. Prior to 1970, the IIPS was popularly known as Demographic Training and Research Centre (DTRC). The Institute was declared Deemed University on August 15, 1985. The Institute is an autonomous institution under the administrative control of the Ministry of Health and Family Welfare, Government of India. The Institute offers academic courses to train students in Biostatistics, Demography, Population, Health and Social Sciences. Training programs and consultancy services to government and nongovernmental organizations and other academic institutions are also part of the activities of the institute. The Institute also undertakes large-scale nationwide demographic and health surveys. IIPS has helped in building a nucleus of professionals in the field of population and health in various countries in the ESCAP region. During the past 60 years, students from 42 different countries of Asia and the Pacific region, Africa, and North America have been trained at the Institute. Many, who are trained at the Institute, now occupy key positions in the field of population and health in governments of various countries, universities and research institutes, as well as in reputed national and international organizations

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COURSES OFFERED

- **MA / M.Sc Programme in Population Studies**
- **Master of Science in Biostatistics and Demography (MBD)**
- **Master of Population Studies (MPS)**
- **Master of Philosophy (M.Phil) in Population Studies**
- **Doctor of Philosophy (Ph.D) in Population Studies**
- **Master of Population Studies for Distance Learning**
- **Post Doctoral Fellowship (P.D.F)**
- **Diploma in Health Promotion Education (DHPE)**



PLACEMENT CELL CO-ORDINATORS

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M.A/M.SC IN POPULATION STUDIES

The two years (full-time) Master degree course is designed to provide high level of understanding of population sciences including an in-depth knowledge of the linkages between population and various socio-economic, health and environmental factors. Every Indian student is awarded the designated Govt. of India fellowship.

The students of this course are equipped with technical knowledge and being provided with rigorous hands-on training on various statistical and analytical software such as STATA, R, SPSS, GIS and Spatial analysis, GeoDa, MORTPAK 4, Spectrum, AtlasTi, ANTHROPAC and NVIVO by end of the course. Students also take up various certification courses like TABLEAU, MySQL, Python and many more.

This Program requires successful completion of 21 main papers in the area of Population Studies and Demography, optional papers and a dissertation. Students are also trained in Research Methodology that involves the successful completion of a project involving fieldwork.



M.SC. BIOSTATISTICS & DEMOGRAPHY

This two year Masters programme has been designed to provide a clear insight of Biostatistics including epidemiological methods, various Sampling Techniques which cover an essential part of Applied Statistics, Applied Multivariate Analysis, Survival Analysis and Clinical Trials. Students are given knowledge on latest quantitative methods and tools like supervised and unsupervised models to analyse problems that arise in the fields of Biostatistics, data analytics, governance and policy making. The students of this course are provided with rigorous hands-on training on various statistical and analytical software such as SAS, R programming, SQL, SPSS, STATA, MLwiN, MORTPAK, Spectrum, and GIS. This Program requires successful completion of 21 main papers in the area of Biostatistics, Epidemiology and Demography, optional papers and a dissertation. Students are also trained in Research Methodology that involves the successful completion of a project involving fieldwork. Every Indian student enrolled in the course receives the fellowship designated by Govt. of India.



MASTER OF POPULATION STUDIES

The M.P.S. course 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 and environmental development. It is one of its kind wherein postgraduates from around the nation flow in to learn and contribute to the health research of the nation. The main thrust of the course is to investigate and interpret issues related to population and health confronting contemporary Indian societies through holistic approach of 'web of life' that sees human kind 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 helps to find new dimensions in the area and develop the nation. The Course also trains the students in various statistical software that allow them to blend in their theoretical knowledge to formulate statistical evidence by means of models and other analysis. They are also well versed in conducting as well as evaluating large surveys and evaluating them for policy formulation and other matters.

Every student in this course is awarded the Govt of India fellowship.



STUDENTS' BACKGROUND

Bachelor of Science

- Statistics
- Mathematics
- Chemistry

Bachelor of Arts

- Economics
- Geography
- Social Studies



SELECTION CRITERIA

The selection in the Institute is made on the basis of an Online test across India. Each selected student is awarded Govt of India fellowship for each of the Masters' courses at the Institute.



COURSE STRUCTURE



M A /M.SC IN POPULATION STUDIES

Core Courses:

- Basic Statistical Methods for Population Studies
- Introduction to Demography
- History of Population
- Fertility and Nuptiality
- Mortality, Morbidity and Public Health
- Evaluation, Adjustment of Demographic Data and Population Projection
- Introduction to Demographic and Statistical Software
- Migration and Urbanization
- Gender and Reproductive Health
- Population and Development
- Research Methodology
- Population Policies, Program Management and Evaluation of Health and Family Welfare Program
- Population Ageing and Health Transition

Elective Courses:

- Healthcare System and Policies
- Bio-statistics & Epidemiology
- Historical Demography
- Spatial Demography
- Health Economics and Financing
- Urbanization, Space and Planning
- Concepts and Measures of Global Health
- Gender, Health and Development
- Population and Sustainable Development
- Advance Statistical Packages and Application in Large-Scale Data
- Operation Research in Reproductive Health
- Monitoring and Evaluation in Population & Health

Foundation Courses:

- Sociology, Psychology and Anthropology
- Basic Statistical Methods for Population Studies
- Economics & Geography



M.SC. BIOSTATISTICS AND DEMOGRAPHY

Core Courses:

- Introduction to Demography and History of Population
- Demographic Methods I & II
- Introduction to Biostatistics & Epidemiology
- Epidemiological Methods
- Research Methodology
- Sampling Techniques in Health & Demographic Surveys
- Applied Multivariate Analysis
- Application of Statistical and Demographic Packages II
- Demographic Models and Indirect Methods of Estimation
- Survival Analysis
- Dissertation

Elective Courses:

- Healthcare System and Policies
- Basic concepts of Sociology, Psychology and Anthropology
- Historical Demography
- Spatial Demography
- Urbanisation, Space and Planning
- Large-scale Sample Surveys
- Concepts and Measures of Global Health
- Gender, Health and Development
- Population Ageing and Health Transition
- Population, Environment and Sustainable Development
- Health Economics and Financing
- Operation Research
- Monitoring and Evaluation

Foundation Courses:

- Basics of Human Biology
- Application of Statistical and Demographic Package I



MASTER OF POPULATION STUDIES

Core Courses:

- 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 Programs Research Methodology
- Advanced Statistical and Computer Applications
- Indirect Estimation Techniques
- Population Projection and Demographic Models

Elective Courses:

- Healthcare Systems and Policies
- Introduction to Biostatistics & 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



WHY US?



IIPS provides emphasis on technical skills as well as scientific orientation in understanding research problems. After completion of different courses, our students are confident enough to:

- **analyse, interpret and criticize demographic, health and public health data and research**
- **demonstrate an understanding of the essential principles of modern demographic methods and statistical software**
- **employ basic computational skills used in the analysis of population, health and development**
- **undertake original research projects that makes a contribution to the body of knowledge**
- **develop presentation skills and writing research papers**
- **develop knowledge in sampling, modalities of conducting research**
- **exhibit the ability to disseminate research findings to the scientific community and the general public**
- **develop confidence in debates and discussions**
- **undertake jobs related to data analysis, health and development**



OVERVIEW OF THE STATISTICAL PACKAGES

Covered in the syllabus :

- R
- STATA
- SPSS
- GiS and SPATIAL ANALYSIS
- MORPTAK 4
- GIS
- GEODA
- SAS
- SQL
- MLwiN
- AtlasTi
- NVIVO

Self-learnt :

- TABLEAU
- Python
- Excel

and many more



PAST RECRUITERS



CONTACT US

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