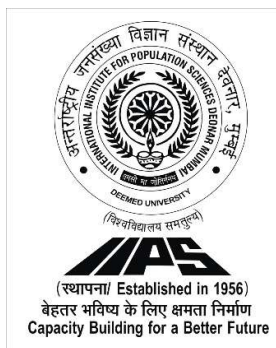


# International Institute for Population Sciences

GOVANDI STATION ROAD, DEONAR, MUMBAI 400088



## Criterion: I

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

## Contents

Sr.No.		Page. No.
1	Minutes of Academic Council Meeting dtd 09 Dec 2022	1-6
2	Syllabus of all courses of IIPS	7-281



### **iii. Master of Science in Biostatistics and Demography (MBD)**

The course is of two-years duration. This academic year 29 qualified for the award of the degree. The list of students receiving MBD degree for this academic year is given in Appendix III-3. The 25 students currently enrolled for the program (2023-25) is presented in Appendix IV.

**Prof. Nandita Saikia and Dr. Guru Vasishtha are the coordinators.**

### **iv. Master of Population Studies (MPS)**

Holders of a Master's Degree from any recognized universities in relevant social science subjects are eligible for admission to the Master of Population Studies course. In this academic year,

48 students were admitted to MPS with the Government of India fellowship and 48 qualified for the award of the degree. The list of students receiving the MPS degree for this academic year is given in Appendix III-4.

**Prof. S. K. Mohanty and Dr. Pradeep Salve are the coordinators.**

### **v. Diploma in Health Promotion Education (DHPE)**

This course is of one-year duration. During the current academic year, 24 students have

successfully completed the course and qualified including one student from the previous year for award of the degree. The list of students receiving DHPE for this academic year is given in Appendix III-5. Dr. Mangesh Patil is the coordinator.

### **vi. Post-Graduate Diploma in Community Health Care (PGDCH)**

This course is of one-year duration. During the current academic year, 09 students have successfully completed the course and qualify to get the degree. The list of students receiving PGDCH in this academic year is given in Appendix III-6. Dr. Shubhangi Baviskar is the coordinator.

### **vii. Post-Graduate Diploma in Community Health Care (PGDHM)**

This course is of one-year duration. During the current academic year, 04 students have successfully completed the course and qualify to get the degree. The list of students receiving PGDHM in this academic year is given in Appendix III-7. Dr. Krishnaja N. P. and Mr. Swapnil Kharde are the coordinators.

### **viii. Post-Doctoral Fellow (PDF)**

Five students are presently pursuing post-Doctoral training and their details are presented in the Appendix IV.

**Prof. D.A. Nagdeve is the coordinator.**

## **2. Distance Learning Courses**

The Institute has been recognized by the Distance Education Council for offering MA in Population Studies through Distance Learning.

### **i. M. A. in Population Studies (DISTANCE LEARNING)**

On the recommendation of University Grants Commission, the Institute has started M.A. in

Population Studies course from the academic year 2017-18. Earlier it was known as Masters of Population Studies (MPS). During this year, 20 students have completed all the

requirements for the award of M.A degree (Distance Learning). Appendix III-8 provides the list of successful candidates receiving the degree in this academic year for the award of the M.A (Distance Learning). Currently 190 students are enrolled in this programme.

**Prof. Nandita Saikia is the Head, CDOE of distance learning courses.**

### **3. DISSERTATION**

The dissertation constitutes a crucial part of the

teaching programme of the Institute, as it contributes significantly to the development of research potential of the students. Towards the end of the course, all students enrolled in various courses at the Institute are required to prepare a dissertation under the guidance of a faculty supervisor. The students present their dissertations in a specially organized Student- Faculty Seminar. Appendix V (Tables A, B, C, D, E) provides list of dissertations presented by the students during the current academic year (2023-24)

## Awards / Medals

### i. Gold medal

A student whose overall performance is adjudged to be the best in the M.A/M.Sc. programme is awarded the Prof. Asha A. Bhende Gold Medal. A student whose overall performance is adjudged to be the best in the M.Sc. programme in Bio-Statistics and Demography (MBD) is awarded the Prof. S. Mukerji Gold Medal. A student, whose overall performance is adjudged to be the best in the

MA (Distance Learning) programme, is awarded the Prof. K. Srinivasan Gold Medal. A student, each from DHPE and PGDCH and PGDHM programmes, whose overall performance is adjudged to be the best, is awarded the IIPS Gold Medal. A student from MPS programme, whose overall performance is adjudged to be the best, is awarded the Dr. C. Chandrasekaran Gold Medal.

### ii. Silver medal

IIPS Silver medals are awarded to students whose overall performance is ranked as the second best, in the respective programme – M.A

/M.Sc., MBD, MPS, DHPE, PGDCH, and M.A. (Distance learning).

### iii. Best Paper / Dissertation / Thesis

A student from MA/M.Sc. & MBD, whose term paper is rated as best is awarded the Best Dissertation Award. A student from MPS programme, whose term paper is rated as the best, is awarded the Dr. J. R. Rele Award. This award is based on the content of the Seminar Paper, presentation and defense skill of the

student while presenting the paper at the Student-Faculty Seminar. A Ph.D. scholar is awarded Dr. P. N. Mari Bhat Gold Medal adjudged based on the quality of the thesis. This award has been instituted in memory of Prof. P.N. Mari Bhat by his Family.

## II. TRAINING PROGRAM

IIPS has a well-established Short-Term Training Program (STTP) Unit. The unit periodically organizes training programs for professionals, teachers from universities/colleges, research scholars, NGOs, Government officials, and students from India and abroad. The training programs are usually of one to two weeks' duration addressing contemporary and relevant themes related to population, health,

development, methods of data collection, analysis of large survey data, application of statistical software, etc.

This academic year, the unit has organized two training programs.

**Coordinators: Prof Udaya Shankar Mishra and Dr. Srinivas Goli** are the Coordinators. The following training programmes were organized during the academic year 2023-24.

### Two-week Demographic Training for Nepal Census Officials – September 11-21, 2023

A "Two-Week Demographic Training for Nepal Census Officials" was held between September 11 and September 21, 2023. This training initiative was organized jointly by the Short-Term Training



Programme Cell at the International Institute for

Population Sciences, Mumbai, the National Statistical Office of Nepal, and UNFPA, Nepal. The program was attended by 10 officers from the National Statistical Office, Nepal. The training program aimed to play a pivotal role in elevating the trainees' proficiency in data management and augmenting their skill sets through the training

program, acquiring advanced techniques, and gaining practical experience in handling census data. Participants benefitted from informative lectures delivered on a range of topics by subject experts and had the opportunity to acquire hands-on experience using various demographic software tools. Additionally, participants explored demographic models and model life tables and were introduced to the significance of census data and its relationship with SDG indicators. Practical training was provided, including hands-on experience with demographic software tools like SPSS, Microsoft Excel, Mortpak, and Spectrum. Participants explored demographic models and model life tables, and were introduced to the significance of census data and its relationship with SDG indicators. The training was organized by Prof. Udaya Shankar Mishra and Dr. Srinivas Goli, coordinators for the Short-Term Training Programme Cell.

## One-week training Programme on Population and Demographic Methods for the 45th batch of the Indian Statistical Service (ISS) Probationers January 22-27, 2024

The Short-term Training Program Cell of the International Institute for Population Sciences, Mumbai, conducted a One-week training programme on 'Population and Demographic Methods' for the Indian Statistical Services Probationary Officers (45th Batch) at the institute during 22-27 January 2024. There were 27 participants for the programme. Participants benefitted from informative lectures delivered by subject matter experts and had the opportunity to gain practical experience in using various demographic software tools. The exposure to

These topics included an introduction to Demography, its definition, scope, and evolution. Participants were also familiarized with fundamental concepts, measures, and the sources of demographic data, as well as offered hands-on training in graphic representation of demographic information. The program covered the topics of population age-sex structures with a clear focus on the quality of data and its consequential evaluation and adjustments. In addition, it dealt with concepts, theories, and measures of fertility, along with basic mortality measures and the construction of life tables. Participants were also given insights on topics like migration and urbanization along with direct and indirect estimation of demographic parameters and on standardizing rates and ratios enabling robust temporal and cross-sectional comparison. The training was organized by Prof. Udaya Shankar Mishra and Dr. Srinivas Goli, coordinators for the Short-Term Training Programme Cell.



demographic acumen comes in handy for the ISS probationers during their service career.

### III. SYMPOSIUM, MEMORIAL LECTURES, SEMINARS, WORKSHOP & WEBINARS

#### A. Symposium

##### Symposium on the occasion of International Day for Older Persons

Centre for Ageing Studies, IIPS, organized a symposium on 3rd October 2023 to observe the international day for older persons. This year 's



theme is - Fulfilling the Promises of the Universal Declaration of Human Rights for Older Persons: Across Generations. Three eminent speakers with vast expertise and experience in the field elder care, training and policy interventions deliberated on various issues. Prof. T.V. Sekher, Head, Centre for Ageing Studies, welcomed the gathering and also introduced the three speakers. Prof. S.K. Singh, Director, chaired the symposium and also highlighted the contributions of ageing surveys like LASI and SAGE, and the vast research undertaken by IIPS during the last one decade. About 35 PhD scholars of IIPS are currently working on various

aspects of population ageing using both primary and secondary data.

Prof. Nasreen Rustomfram (former chairperson, Centre for Lifelong Learning, Tata Institute of Social Sciences, Mumbai) shared her experiences in conducting the diploma program in social gerontology and also issues related to mental health among the elderly in India. Ms. Sugandhi Baliga (founder, Happy 2 Age, and former CEO, Vayah Vikas, Bangalore) made a presentation about her past works and present initiatives for providing care for elderly citizens. Ms. Saraswathi Padmanabhan from Tata Trusts highlighted the various initiatives of the Trust for the welfare and protection of senior citizens of our country. The speakers emphasized the changing scenarios and the need for innovative policy interventions to address the felt needs of the growing elderly population of India. The symposium was attended by about 200 participants including faculty and students of IIPS. Prof. R. Nagarajan, Associate Head, Centre for Ageing Studies, proposed the vote of thanks.



## World Population Day Symposium 2023 and release of the “India Population Report”



The World Population Day 2023 marks a special significance with India becoming the most populous country in the world. On this occasion, an event was organized by IIPS wherein Dr. Soumya Swaminathan, Former Deputy Director General for Programmes and the first Chief Scientist of the World Health Organization (WHO) and also a renowned physician-scientist with a career spanning 30 years in clinical care, research, and policy, graced the occasion as the Chief Guest.

The event featured diverse activities including the screening of the Malthusian Clock Video for students. Additionally, there was an Interaction session with the Director, followed by the “Wall of Demographers” inauguration.

The event was introduced by Prof. U.S. Mishra, while Prof. K.S. James, the Director and Senior Professor at IIPS, shared the inaugural remarks. The program also included a video message from Distinguished Global Demographers, wherein they shared their perspective on "India being the most populous country: boon or bane". This was followed by an introduction of the Guest Speaker by Prof.

U.S. Mishra, and an insightful address by Chief Guest, Dr. Soumya Swaminathan, where she shared her insights on the importance of World Population Day, particularly in the context of “Health



Challenges in 21st Century”.

A significant highlight was the release of the book "India Population Report" by Dr. Soumya Swaminathan, followed by a concise summary of the book, presented by Professor T.V. Sekher.

This day also marked the re-opening of the new academic session of the Institute. Prof. Nagarajan, Examination Cell in charge of IIPS, formally announced the commemoration of the upcoming academic session at IIPS.

Dr. Soumya Swaminathan, felicitated the winners of the Essay Writing Competition, conducted as a part of the World Population Day 2023. The event was concluded with a vote of thanks delivered by Dr. Srinivas Goli, coordinator of STTP and Publication Cell.



## B. Memorial Lectures

### 22nd Prof. C. Chandrasekaran Memorial Lecture



International Institute for Population Sciences (IIPS) organized the 22st Prof. C. Chandrasekaran Memorial Lecture on 23rd February 2024. The Memorial Lecture series is held annually in the memory of Prof. C. Chandrasekaran, former Director of IIPS a pioneer in Indian demography. The Memorial Lecture series is held annually in the memory of Prof. C. Chandrasekaran, former Director at IIPS. Prof. Chandrasekaran developed the well-known Chandra-Deming formula to provide better estimates of vital events which is the backbone of the Sample Registration System, in India, that collects data on vital events. His contribution to society and academic organizations was prodigious. Prof. Arni S.R. Srinivasa Rao, Professor and Director, Laboratory for Theory and Mathematical Modeling, Medical College of Georgia, U.S.A. and

Department of Mathematics, Augusta University, U.S.A delivered the lecture. Prof. Arni S.R. Srinivasa Rao is a well-known researcher in the field of Mathematical Demography and Demographic Modelling and he delivered the lecture on the topic “Stochastic Modeling in Cardiology Research”, where he explained a stochastic modeling framework for understanding cardiology-related data. Prof. U.S. Mishra,



Coordinator of the Publication Cell, addressed the session and Prof. R. Nagarajan, Department of Population and Development spoke in brief about Prof. C. Chandrasekaran and his contributions. The session was chaired by Prof. S.K. Singh, Director (Addl. In-charge), IIPS, and was attended by approx. 250 participants. Dr. Srinivas Goli, Coordinator of the Publication Cell, gave the formal vote of thanks.

## 13th Prof. Asha A. Bhende Memorial Lecture



International Institute for Population Sciences (IIPS) organized the 13th Prof. Asha A. Bhende Memorial Lecture on 31st January 2024. Dr. Aparna Hegde (Urogynecologist, Researcher, Social Entrepreneur, Founder, and Managing Trustee of ARMMAN) well known in the field of reproductive health, delivered the lecture. The Prof. Asha A Bhende Memorial Lecture has been instituted at IIPS in memory of Prof. Bhende, former Professor of the institute and a well-known demographer, health researcher and gender expert. Every year eminent scholars in the field of population, health and gender are invited to deliver Prof. Bhende Memorial Lecture. Dr. Aparna Hegde discussed on the topic “Leveraging Technology for Scalable Solutions to Improve Maternal and Child

Health in India”. She explained how technology can be utilized effectively to empower, inform, and help women and children to bridge the gap in health infrastructure in the country. She also explained on to implement the largest mobile-based maternal messaging program (Kilkari) and the largest mobile-based training program for frontline health workers (Mobile Academy). Prof. U.S. Mishra, Coordinator of the Publication Cell, addressed the session and Prof. Aparajita Chattopadhyay, Department of Population and Development spoke in brief about Prof. Asha A. Bhende and her contributions. The session was chaired by Prof. S.K. Singh, Director (Addl. In-charge), IIPS and was attended by approx. 250 participants. Dr. Srinivas Goli, Coordinator of the Publication Cell, gave the formal vote of thanks.



## 16th Prof. P. N. Mari Bhat Memorial Lecture



International Institute for Population Sciences (IIPS) organized the 16th Prof. P. N. Mari Bhat Memorial Lecture at IIPS on 23rd February 2024. The Memorial Lecture series is held annually in memory of Prof. P. N. Mari Bhat, former Director of IIPS. Dr. Shalini Singh, Director, ICMR-National Institute of Cancer Prevention and Research (NICPR) and an expert with extensive research knowledge in the field of epidemiology of cancer and public health research in cancer delivered the lecture on the topic “New Insights in

Understanding Cancer”. The talk shed light on emerging perspectives in understanding cancer, emphasizing the importance of continued research in the field.

Prof. U.S. Mishra,



Coordinator of the Publication Cell, addressed the session and Prof. S. K. Singh, Department of Survey Research and Data Analytics spoke in brief about Prof. P.N. Mari Bhat and his contributions. The session was chaired by Prof. S.K. Singh, Director (Addl. In-charge), IIPS and was attended by approx. 250 participants. Dr. Srinivas Goli, Coordinator of the Publication Cell, delivered the vote of thanks.

## DR. B. R. AMBEDKAR MEMORIAL LECTURE



Dr. B.R. Ambedkar Memorial Lecture was held on 28 April 2023 at IIPS. Dr. Narendra Jadhav, Former Member of Parliament (MP), Rajya Sabha &

Emeritus Professor of Public Policy, MIT School of Government, Pune, delivered a lecture on “Dr. Ambedkar: a multi-faceted genius”. Prof. K. S. James, Director, International Institute for Population Sciences (IIPS) chaired the lecture. Prof. Chander Shekhar, Department of Fertility and Social Demography, IIPS, was the discussant for the lecture. A large number of participants, both from within the Institute and from outside, graced the event.





## C. Seminars

### IIPS National Seminar 2024

## "Tracking Progress of Sustainable Development Goals with a Focus on Uttar Pradesh."



The International Institute for Population Sciences has organized XXVIII IIPS National Seminar 2024 on Tracking the progress of Sustainable Development Goals with a focus on Uttar Pradesh in collaboration with the Department of Statistics, Institute of Science, Banaras Hindu University (BHU), Varanasi on February 12-13, 2024. The International Institute for Population Sciences (IIPS) has organized its national seminar with the theme, "Tracking Progress of Sustainable Development Goals with a Focus on Uttar Pradesh." in collaboration with the Department of Statistics, Banaras Hindu University (BHU). Envisioned in 2015, the sustainable development goals (SDGs) list a set of 17 interconnected goals in a wide range of social, economic, and environmental spectrum. In India, the SDGs indicators have been integrated into national and state planning frameworks. However, the progress in achieving the SDGs is largely uneven across the

states and socio-economic groups. Demographic changes in the Northern States of India may act as catalysts in realizing the SDGs. The primary objective of this national seminar is to deliberate on India's progress in realizing the



SDGs with a special emphasis on Uttar Pradesh.



Uttar Pradesh, India's most populous state in India, accounting for nearly 16 percent of the country's population, has been undergoing a fast demographic transition. The state is characterized by large variations in fertility and mortality levels across districts and sub-populations. The state is also experiencing fast economic growth and a reduction in multidimensional poverty. These demographic and economic changes may accelerate the journey of Uttar Pradesh towards

achieving the SDGs. Its contribution to India's population may reflect the state's commitment to population, development, and inclusive growth. To ensure that no one is left behind, the state needs to remain dedicated to addressing the complex challenges it faces on the path to sustainable development.

This national seminar offered a valuable platform to academia, researchers, development sector professionals, and policymakers. It served as an ideal forum for these diverse stakeholders to engage in meaningful dialogues and deliberations

regarding the future trajectory of Uttar Pradesh's development. The collaborative

efforts addressed the state's unique challenges and harness its potential for inclusive and sustainable development.



## MEMORANDUM OF UNDERSTANDING

A memorandum of understanding was signed between IIPS and the Data Dissemination Unit, Office of the Registrar General, India, on April 3, 2023, towards Setting-up of a Census Data Research Workstation at IIPS.



## Inauguration of Census Data Workstation, IIPS

International Institute for Population sciences (IIPS) has inaugurated a new Census Data Workstation on December 12, 2023. The workstation has been inaugurated at the Information Communication and Technology (ICT) Unit Lab. The Census Data Research Workstation was officially inaugurated by Dr. Nirupama Dange, Director, Directorate of Census Operations (DCO), Maharashtra. The initiative is expected to cultivate a culture of

data-driven research at IIPS and in nearby areas, thereby contributing to the academic and intellectual vibrancy of the institution. According to Dr. Dange, the new workstation aims to facilitate easier access to census microdata





for academics and researchers. Moreover, it will contribute to raising awareness of the extensive amount of data gathered during Census activities.

The International Institute for Population Sciences (IIPS) inaugurated a new Census Data Workstation on December 12, 2023. The workstation was inaugurated at the Information Communication and Technology (ICT) Unit Lab. Dr. Nirupama Dange, Director of the Directorate of Census Operations (DCO), Maharashtra, officially inaugurated the Census Data Research Workstation.

Speaking on the occasion, Dr. Dange stated that the Census Data Research Workstation is a cutting-edge facility designed to facilitate comprehensive research utilizing census data. Aimed at providing educators, researchers, and data users with advanced tools and resources it is related to multi-purpose developmental initiatives, their monitoring, and evaluation.

Prof. Chander Sekhar, In-charge of the ICT Unit, emphasized in his welcome address the value that the Census Data Research Workstation would add to the existing library resources. He stressed the importance of harnessing census data for informed decision-making and policy formulation.

During the event, attendees were courteously offered a guided tour of the workstation facility. Mr. Anjani Kumar Mishra, the System Manager, provided a detailed overview of the advanced computing resources, software tools, and databases tailored for census data analysis.



Prof. S.K. Singh, Director IIPS (Additional Charge), graced and addressed the inauguration ceremony, highlighting that the Census Data Research Workstation plays a pivotal role in academic research by offering a rich repository of demographic, socioeconomic, and population data. The Census Data Research Workstation marks a significant step forward in our commitment to fostering a culture of

innovation and discovery.

The Workstation would help facilitate access to Census Microdata for academicians and researchers. Officials from the DCO Maharashtra and IIPS Mumbai agreed on the need to foster mutual collaboration.

The Census Data Workstation shall help spread awareness about the extensive amount of data colleges during Census operations in the country. Shri A.N. Rajeev, DRG(C&T), DCO Maharashtra commended the government's initiative and underscored the role of the workstation in empowering researchers to contribute meaningfully to their respective fields.

## Guest Lectures

### Invited Talk on “Scientific Approaches to SDGs”



An Invited Talk on “Scientific Approaches to SDGs” was organized by the Publications Cell and Short-term Training Programme cell, on 4th July, 2023.

Dr. Sanjeev K. Varshney, DST, Head, International Cooperation, Government of India, was the guest speaker. Dr. Varshney spoke about sustainable scientific approaches across several facets of human livelihoods, especially focusing on health and nutrition. The talk was organized by Prof. Udaya Shankar Mishra and Dr. Srinivas Goli, coordinators for the Short-Term Training Programme Cell.

### Invited Talk - “Measuring the early life origins of chronic disease”



Dr. Solveig Argeseanu Cunningham, Associate Professor at Emory University, USA, delivered an invited lecture on “Measuring the early life origins of chronic diseases” on 10<sup>th</sup> October, 2023. The lecture was organized by the Publications Cell and Short-term Training Programme cell. Dr. Solveig Argeseanu Cunningham is a demographer and epidemiologist with a specialization in obesity

and diabetes with contextual factors of chronic diseases. Her research focuses on the implications of early life exposures for long-term health. She has received various recognitions including the Association of Schools & Programs of Public Health (ASPPH)/Pfizer Young Investigators Award for Distinguished Research in Public Health for 2015. She is an active participant in policy discussions and formulations in the USA, Middle East, India, Sub-Saharan Africa and Europe. She holds an associate professor position at Hubert Department of Global Health, Emory University, USA.

In this lecture, she discussed about the early life exposure matters for long-term health. The rise in multi-morbidity in LMICs stands for the demographic consequences of the ageing of the

population. She also described the CHAMPS project, which measures precise causes of under-five mortality on top of a population base of HDSS's, including in South Asia and on Nutrition transition in India.

The program commenced with the Welcome Address by Prof. U.S. Mishra, Coordinator of the Publication Cell. Dr. Suryakant Yadav was the co-convenor and Prof. H. Lungdim chaired the session. The event was concluded with a vote of thanks by Dr. Srinivas Goli.

### **Guest Lecture by Dr. Lauren Houghton**



Dr. Lauren Houghton, an epidemiologist from Columbia University, delivered a talk on "Gendered Interpretation of the Causes of Cancer" at IIPS, Mumbai on August 11, 2023. Prof. S.K. Singh, Director of the Institute, chaired the session and expressed appreciation to the Centre of Demography of Gender for organizing the talk. Dr. Houghton discussed the life course approach to

understanding cancer causation, focusing on environmental and hormonal factors during puberty. She highlighted gendered media representations of disease care and shared insights from her studies on migrants from Bangladesh and Mongolia. The session, welcomed by Prof. Chattopadhyay, was engaging, with researchers discussing environmental risk factors and research limitations. Prof. Aparajita Chattopadhyay concluded the talk, by thanking Dr. Houghton for her insights. Prof. U.S. Mishra, Prof. Abhishek Singh, Dr. Suresh Jungari, and other faculty members appreciated the speaker's research findings.

### **Guest Lecture by Prof. Pam R. Factor Litvak**

Professor Pam R. Factor Litvak from Columbia University delivered a talk on "Evaluating Strategies to Mitigate the Harmful Effects of Air Pollution in Urban Impoverished Communities in India: Gender Aspects" on December 14<sup>th</sup>, 2023 at IIPS. The session was chaired by Professor Aparajita Chattopadhyay from the Centre of Demography of Gender (CDG), IIPS. Professor

Pam discussed the impact of air pollution on children's health, emphasizing the need to consider gender dimensions in urban impoverished areas. She highlighted the link between gut microbiome and mental health, suggesting dietary modifications as a means to mitigate pollution effects. Students asked questions on the method of measuring and

mitigating approaches to air pollution, mapping of the data, on and research collaboration with Professor Pam. Dr. Suresh Jungari concluded the talk with a vote of thanks, encouraging researchers

to explore gender and environment-related research.

## **Invited Talk- “Climate Change related impacts on Health and Development” - Dr. Shilpa Rao Skirbekk**



Dr. Shilpa Rao Skirbekk, delivered a lecture on “Climate Change related impacts on Health and Development” on 21<sup>st</sup> December, 2023. The lecture was organized by the Publications Cell and Short-term Training Programme cell, IIPS.

Dr. Shilpa Rao is a Senior Researcher at Department of Air Quality and Noise, Division of Climate and Environment, Norwegian Institute of Public Health, Oslo, Norway. Her research examines the interrelationships between climate change, air quality, public health, and economics. She uses multi-disciplinary methods, including epidemiology, numerical modeling, and economics.

Her work focuses on predictive modeling; scenario analysis of burdens of disease; and economic valuation of risks and responses. She has over 15 years of experience in systems modeling, impact



estimation and policy analysis related to climate change, air pollution, and health. She has published extensively in various international journals and has been a key participant and leader in several international collaborations.

The program commenced with the Welcome Address by Prof. U.S. Mishra, Coordinator of the Publication Cell. Prof. S. K. Singh, Director (Addl. Charge) addressed the session on behalf of the institute. The event was concluded with a vote of thanks by Dr. Srinivas Goli. The lecture was followed by an interactive session of the speaker with the students of IIPS.

## Invited Talk- “Surviving Aging: Navigating Long Lives and Population Aging in the 21st Century”-Prof. Vegard Skirbekk



Prof. Vegard Skirbekk delivered a lecture on December 21, 2023, the lecture was on the topic “Surviving Aging: Navigating Long Lives and Population Aging in the 21st Century”. Vegard Skirbekk is a population economist and social scientist specializing in demographic analysis and cohort studies and is a Professor at the Columbia Aging Center, Columbia University, US and Senior Researcher, Centre for Fertility and Health, Norwegian Institute of Public Health, Oslo, Norway. Skirbekk’s main research focus is on health, productivity, and associated determinants from a multidisciplinary perspective, with an emphasis on the role of changing labor market demands,

technological and cultural changes as well as variation in the attitudes, beliefs, and competencies of new cohorts. He has published widely on comparative health and cultural studies for countries from all world regions. Skirbekk has worked extensively on causality, global comparative assessments, and projections.

Skirbekk has broad experience in fertility research, including in determinants of childbearing, intergenerational risk transmissions, and changes in household composition. Some of his research emphasizes how factors can increasingly explain fertility behaviors, including personality, cognition, and preferences.

The program commenced with the Welcome Address by Prof. U.S. Mishra, Coordinator of the Publication Cell. Prof. S. K. Singh addressed the session as the Director of the institute. The event was concluded with a vote of thanks by Dr. Srinivas Goli. The lecture was followed by an interactive session of the speaker with the students of IIPS



## **D. Workshops**

### **Workshop on “Data Visualization and Interactive Dashboards using Microsoft Power BI”**



The Department of Survey Research and Data Analytics, International Institute for Population Sciences, Mumbai, conducted a workshop on “Data Visualization and Interactive Dashboards using Microsoft Power BI” from 8-12 May 2023. Prof K.S. James, Director & Sr. Professor, IIPS, was the patron of the workshop. Prof. S.K. Singh,

Prof. Laxmikant Dwivedi, Dr. Preeti Dhillon, and Dr. Guru Vasishtha were the coordinators of the workshop. Dr. Tina Dutta, Assistant Professor and FDP Coordinator in the School of Business at AURO University, Surat, was the resource person. The workshop was attended by Research Students, Academicians, and Professionals from diverse fields of engagement. The workshop equipped the participants with the ability to Apply Power BI analytical tools such as data import, data-cleaning, creating advanced interactive visualizations, analyse multi-dimensional data through Power BI DAX (Data Analysis Expressions) operations, etc.

### **Workshop on “Communication in Public Organization”**

The Internal Quality Assurance Cell (IQAC) and administration organized a workshop on Communication in Public organization from 17-21 July, 2023. The Training Programme was organized by the IQAC Cell & Academic Support Cell. The 5-day training program featured five different talks by resource persons. Mr. Sudarshan Bhadra, Assistant Registrar (Academic), gave the Welcome Address. Introduction to the training programme was given by Lt. Col. Prashant Borde, Chief administrative

officer cum Registrar. Vote of Thanks was given by Mr. Shubham Kawadkar.

The event featured a panel of speakers who addressed various aspects of communication and its implications. Ms. Anita Dogra, the Hostel Manager, shared insights on "Communication & Humors". Ms. Nalini A., the Placement cum Communication Officer, delved into the topic, "Office Communication". Ms. Nivedita Mishra, the Hindi Officer at IIPS, provided valuable insights on "Communication Practice & Implications". Prof.



Nandita Saikia, a Professor and the Coordinator of the IQAC cell, explored the connection between "Culture and Communication". Lastly, Ms. Natasha R. Surani, a Counselor at IIPS, discussed "Wellbeing and Communication". Together, these speakers offered a comprehensive perspective on

the multifaceted aspects of effective communication.

The organizers of the training programme were Prof. Nandita Saikia, IQAC Coordinator at IIPS, Mrs. Lavina Tauro, Selection Grade Stenographer and Mr. Amol B. Hase, Assistant, Hostel.

### **Workshop titled "A Hands-on Training of SPSS: Basics to Advanced"**



A five-day workshop titled "A Hands-on Training of SPSS: Basics to Advanced" was organized by IIPSAA and IIPS from April 26-30, 2023. The

workshop was designed for individuals aged 35 and above who were employed in the public or private sector, as well as faculty members, professionals, independent researchers, and NGO workers. A total of 20 participants participated in the SPSS training program. The valedictory session was graced by Rtd. Prof. C.P. Prakasam, Rtd. Prof. Sulabha Parasuraman, Prof. K.S. James (Director & Senior Prof, IIPS), Prof. Sayeed Unisa and Prof. R. Nagarajan.

### **Workshop on "Selected Open Access Tools for Researchers"**

Workshop on Selected Open Access Tools for



Researchers by Shri. V. Sriram was held on 5th April 2023. This workshop was organized under the aegis of the Placement Cell of the International Institute for Population Sciences, Mumbai. The

student representatives of IIPS Placement Cell managed the opportune task of organizing the workshop, with guidance from the Placement Cell coordinators, Dr. T.R. Dilip and Dr. Manas Ranjan Pradhan and the Placement Cell officer, Nalini. The resource person invited for the workshop was Shri. V. Sriram, Chief Librarian of the Centre for Developing Studies (CDS), Thiruvananthapuram, Kerala. He has contributed to establishing and managing Libraries across various institutions in Kerala.

This session began with the basics of using the Internet for research work. The participants were

introduced to different browser plugins/add-ons/extensions that could be effectively used for finding research resources. The resource person engaged the participants in learning different Extensions such as Google Scholar Button, Open Access Button, Core Discovery, Unpaywall

extension, and Google and Google Scholar alerts. Further, the participants were given relevant search tips that could be effectively used to find relevant research works. Besides, the participants were introduced to accessing various journals, book open-access sources, and statistical databases.

### **Workshop on “Basics to Advanced Analysis in Excel”**

Workshop on “Basics to Advanced Analysis in Excel” by Mr. Varun Kumar Anguralia (Head, Marketing Digital & Analytics) – on 2nd & 3rd September, 2023. The Placement Cell at the International Institute for Population Sciences organized a two-day workshop on "Basic and Advanced Analysis with Excel" on 2nd and 3rd September, 2023. The workshop was organized in the Information, Communication, and Technology Unit's Computer Lab. This was the first workshop organized by the Placement Cell at IIPS for the academic year 2023-24. The goal of this workshop was to familiarize participants with essential methodologies and functions pertaining to data analysis and keeping them abreast of the basic as



well as advanced MS Excel tools. On completion of this workshop, the students were expected to have learned the following functions of Excel: Introduction to all the tools of Excel - Numeric Functions, String-text functions, Date-time function, Count, Sum, Average function with criteria, Lookup functions, Index, Match, and Index-Match functions.

### **Training workshop of Internal Committee**

**1st November to 2nd November, 2023**

The Internal Committee of the IIPS conducted a two-day training workshop on the roles, responsibilities, and functions of the IC from 1st to

2nd November 2023. This training workshop was exclusively for IC members, including the Chairperson, faculty, staff, and students. Prof.