
Registration Seminar

Seminar Title	: The Role of Climate Change, Gender Inequality and Disease Burden on Life Expectancy in Asia: A Decomposition Approach
Speaker	: Geetarani Mohanty (Rollno : 522hs6008)
Supervisor	: Prof. Jalandhar Pradhan
Venue	: Seminar Room, HS Department
Date and Time	: 03 Dec 2024 (10.00 AM)
Abstract	<p>: Life expectancy (LE) is the predominant approach for measuring the health status of a population as well as evaluating the improvement in health status in each country. However, LE cannot fully reflect the quality of life. Health Adjusted Life Expectancy/Healthy Life Expectancy (HALE) is a better indicator of comprehensive population health and the quality of life. Life expectancy in high-income countries continue to rise steadily, and a similar upward trend is observed in many Asian countries. However, it is crucial to understand the patterns and contributors of life expectancy in Asian countries as it constitutes 60% of the global population. Climate change increases exposure to extreme weather events, air pollution, water scarcity, and vector-borne diseases. These risks can disproportionately affect vulnerable populations, reducing LE. With this background, the objectives of this study are: first, to examine the effects of climatic factors on LE and HALE in Asian countries second, to assess the gaps in LE and HALE and its associated determinants with special focus on income inequality third, to study the influence of gender inequality in gender gap in LE and fourth, to decompose the change in LE by cause of death in Asian countries. This study will utilise data from various secondary sources like World Development Indicators (WDI), United Nations Development Programme (UNDP), Climate Change Knowledge Portal (CCKP), World Health Organisation (WHO), and World Governance Indicators (WGI) from 1990 to 2021 for Asian countries. Appropriate econometric models will be used for empirical analysis in order to understand the multifaceted approach to LE and HALE. This study will be offering valuable insights for policymakers by addressing the determinants and gender gaps in LE and HALE.</p> <p>Keywords: Climate Change Life Expectancy Healthy Life Expectancy Gender Inequality Gender Gap Decomposition Analysis Asian Countries</p>