

Department of Economics
University of Delhi, Delhi

Minutes of Meeting

Subject : Pool of Discipline Specific Electives (DSE)
Semester : V
Course : Economics of Health – ECON038
Date & Time : 13-May at 3:30 PM
Venue : Department of Economics
Chair : Rohini Somanathan and Sandip Datta

The meeting was attended by the following teachers

1	Abhash Kumar	ARSD college
2	Dr. Apoorva Gupta	Hansraj College

The meeting involved a comprehensive discussion of different aspects of the course itself, including teaching and the evaluation process for the current semester. The committee reached a consensus on the following points

1. Health Economics: Significance and linkages with the economy (5 Lectures): The need for Health Economics as a discipline of study, importance of health in the development of an economy and its relationship with macroeconomic performance

- BTI Chapter 1
- Jack Chapter 3, Oxford Chapter 5

2. Theoretical foundations of Health Economics (20 Lectures): Demand for health and health care services, determinants of health, market failure and rationale for public intervention; and health insurance

- BTI Chapter 2, 4, 10, 11.4, 20.1
- Oxford Chapter 4, 6, 7
- Phelps Chapter 3, 5

3. Economic Evaluation of Health Sector (8 lectures): Cost-effective Analysis, Cost Benefit Analysis, Cost-Utility Analysis

- BTT Chapter 14

4. Health Systems (12 Lectures): An overview of International Health systems and Indian experiences, and health care financing

- Oxford Handbook of Health Economics, Ch 2, 3, 12, 15
- Situational Analysis: Backdrop to the National Health Policy 2017, MoHFW, GoI
- Mills, A., & Hsu, J. (2014), “Health services in low-and middle-income countries: financing, payment, and provision”, *Encyclopaedia of Health Economics*, pp 422-434
- BTT Chapter 15

Main Readings

- Phelps, C. E. (2017). *Health economics*. Routledge
- Jay Bhattacharya Timothy Hyde Peter Tu (2014), *Health Economics*, Palgrave Macmillan (BTT)
- William, Jack. (1999) *Principles of Health Economics for Developing Countries*, World Bank Institute Development Studies. (JACK)
- Glied, S., & Smith, P. C. (Eds.). (2013). *The Oxford Handbook of Health Economics*. Oxford University Press. (Oxford)

A diverse range of topics related to the evaluation process were extensively discussed. The assessment process comprises three distinct parts, and the ensuing pattern will be adhered to:

- a. Internal Assessment (IA): 30 Marks
 - Two class test (12 marks each), and
 - 6 marks for attendance
- b. Continuous Assessment (CA): 40 Marks
 - 1 Class test/assignment/field work/any other assessment for 10 marks
 - One presentation on the basis of the additional readings given below, in consultation with the concerned faculty. Students may choose any other paper related to Education and Development, after consulting with the concerned faculty. Econometrics to be de-emphasized: 15 Marks
 - One write-up on the basis of the presentation in students' own words: 10Marks

- 5 marks for attendance
- c. The end semester exam: 90 Marks
- There will **not** be multiple sections.
 - There will be 7 questions (each of 15 marks), out of which 6 must be answered. A question may have no more than 2 sub-parts.
 - The coverage of material in the exam will roughly correspond to the unit-wise weights in terms of teaching times.
 - The exam-setter should meet the department moderators before setting the exam in order to discuss the pattern of questions and leave ample time for moderation after the draft exam is prepared.

Additional Readings:

- Bundy, D. A., de Silva, N., Horton, S., Patton, G. C., Schultz, L., & Jamison, D. T. (2017). Child and adolescent health and development: realizing neglected potential, 3rd ed. The International Bank for Reconstruction and Development / The World Bank, Washington (DC); 2017. PMID: 30212124
- Afridi, F., Barooah, B., & Somanathan, R. (2020). Designing effective transfers: Lessons from India's school meal program. *Review of Development Economics*, 24(1), 45-61.
- Aggarwal, K., Barua, R., & Vidal-Fernandez, M. (2024). Still Waters Run Deep: Groundwater Contamination and Education Outcomes in India. *Economics of Education Review*, 100, 102525.
- Barofsky, J., Anekwe, T. D., & Chase, C. (2015). Malaria eradication and economic outcomes in sub-Saharan Africa: evidence from Uganda. *Journal of health economics*, 44, 118-136.
- Pandey, A., Brauer, M., Cropper, M. L., Balakrishnan, K., Mathur, P., Dey, S., ... & Dandona, L. (2021). Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. *The Lancet Planetary Health*, 5(1), e25-e38.
- Phelps, C. E. (2017). *Health economics*. Routledge
- Jay Bhattacharya Timothy Hyde Peter Tu (2014), *Health Economics*, Palgrave Macmillan
- William, Jack. (1999) *Principles of Health Economics for Developing Countries*, World Bank Institute Development Studies.
- Glied, S., & Smith, P. C. (Eds.). (2013). *The Oxford Handbook of Health Economics*. Oxford University Press.
- *Situational Analysis: Backdrop to the National Health Policy 2017*, Ministry of Health and Family Welfare, Government of India
- Mills, A., & Hsu, J. (2014), "Health services in low-and middle-income countries: financing, payment, and provision", *Encyclopaedia of Health Economics*, pp 422-434
- Bundy, D. A., de Silva, N., Horton, S., Patton, G. C., Schultz, L., & Jamison, D. T. (2017). Child and adolescent health and development: realizing neglected potential, 3rd ed. The International Bank for Reconstruction and Development / The World Bank, Washington (DC); 2017. PMID: 30212124
- *World Development Report, Investing in Health*, The World Bank, 1993
- Kutzin, J. (2001). A descriptive framework for country-level analysis of health care financing arrangements. *Health policy*, 56(3), 171-204.

- Deaton, Angus and Dreze, Jean, 2009, Food and Nutrition in India: Facts and Figures, Economic and Political Weekly, February 14, 2009
- Lleras-Muney, A. (2018). Mind the gap: a review of the health gap: the challenge of an unequal world by Sir Michael Marmot. *Journal of Economic Literature*, 56(3), 1080-1101.
- Gupta, I., Joe, W., & Rudra, S. (2010). Demand Side Financing in Health: How far can it address the issue of low utilization in developing countries. World health report background paper, (27).
- Over, Mead 1991, Economics for Health Sector Analysis: Concepts and Cases, Economic Development Institute of The World Bank o Chapter 4- Cost Effectiveness Analysis in Health: First Principles
- Aiyar, A., Rahman, A., & Pingali, P. (2021). India's rural transformation and rising obesity burden. *World Development*, 138, 105258.
- Sethi, N., Mohanty, S., Das, A., & Sahoo, M. (2020). Health expenditure and economic growth nexus: empirical evidence from South Asian countries. *Global business review*, 0972150920963069.
- Atilgan, E., Kilic, D., & Ertugrul, H. M. (2017). The dynamic relationship between health expenditure and economic growth: is the health-led growth hypothesis valid for Turkey?. *The European Journal of Health Economics*, 18, 567-574.
- Piabuo, S. M., & Tieguhong, J. C. (2017). Health expenditure and economic growth-a review of the literature and an analysis between the economic community for central African states (CEMAC) and selected African countries. *Health economics review*, 7(1), 23.
- Rubin, R. M., & Chang, C. F. (2003). A bibliometric analysis of health economics articles in the economics literature: 1991-2000. *Health Economics*, 12(5), 403-414.
- Wagstaff, A., & Culyer, A. J. (2012). Four decades of health economics through a bibliometric lens. *Journal of health economics*, 31(2), 406-439.
- de Bekker-Grob, E. W., Ryan, M., & Gerard, K. (2012). Discrete choice experiments in health economics: a review of the literature. *Health economics*, 21(2), 145-172.