

CENTRE OF SOCIAL MEDICINE AND COMMUNITY HEALTH, JNU

Winter Semester 2011

Course No.	: SM 642
Course Title	: Urbanisation and Public Health in India
Credits	: 2 (two)
Course In-charge	: Dr Sanghmitra S Acharya
Method of Instruction	: Lectures, Group Work, Presentations and Tutorials
Method of Evaluation:	Short Term Paper – 0.5 Credit, Long Term Paper – 1 Credit, End Semester Viva Voce – 0.5 Credit

Course Objectives

The main focus of the course would be to explain the nature of public health situation in urban India and trace its relationship with the urban economy, distribution of resources and public policy. While doing so, it shall explore the relationship between the nature of urbanisation and public health. It will focus on the issues in public health and their links with (a) nature of urban growth, infrastructural facilities and socio-economic conditions; (b) urban politics and governance (including distribution and utilisation) of infrastructural facilities and (c) health programmes and health care services both in the public and private sectors.

The course will use social epidemiology and political economy approaches as complementary to each other. Historical account of the relationship between urban growth in Europe and in colonial India and post-independent India; urbanisation, especially in the third world countries will be discussed. Selected cities as case studies will also be discussed. Emerging issues of healthy cities; public policies and climate change will constitute an important segment of the course. Its emphasis would be on perspectives and possible choices.

Course Outline

1. Historical evolution of urban centres and public health concerns
2. History of urbanisation in India
3. Key concepts and processes
 - a. social stratification and poverty; condition of slums; social support systems and community activities
 - b. migration, working condition of migrant workers in formal and informal sectors
 - c. urban planning, town planning acts and master plans
 - d. infrastructural facilities – water, drainage, sewage, PDS, transport and housing
 - e. local governments: their power, functions and resources
 - f. industrial effluents, pollution and waste disposal
4. Health programmes and medical care services in public and private sectors
5. Conflict and choices of urban health: role of the state, market and civil society
6. Emerging Issues (healthy cities; climate change)

Reading List

Urbanisation, urban development and planning

Ramachandran, R (1991) Urbanisation and Urban Systems in India. Delhi Oxford University Press.

Rao, MSA, Chandrashekar Bhat and Laxmi Narayan Kadekar (1991) A Reader in urban Sociology. Sangam Books Limited by arrangement with Orient Longman Press Hyderabad.

Crook, Nigel (1996) 'Urbanisation and health in India' in Monica Dasgupta, Lincoln Chen and T N Krishnan (eds.) Health Poverty and Development in India. Oxford University Press. New Delhi.

Gupta, K, PK Agrawal and Sutapa Agrawal (2004) Decelerating Urbanisation in India. In Roy, TK, M Guruswamy and P Arokiasamy (eds.) Population, health and Development in India- Changing Perspectives. Jaipur. Rawat Publications.

Tellnes G (2005) 'Positive and negative public health effects of urbanization'. President's Column: European Journal of Public Health, Vol. 15, No. 5, 552-553. Oxford University Press on behalf of the European Public Health Association. Accessed on 16 Dec2009 doi:10.1093/eurpub/cki175

Bhattacharya, B (2006) Urban Development in India. Revised Edition. Concept Publishing House, New Delhi

Nath, V (2007) Urbanization, Urban Development and Metropolitan Cities in India. (Edited by S K Aggarwal.) Concept Publishing House, New Delhi

Das, Amiya Kumar (2007) Urban Planning in India. Rawat Publications Jaipur.

Kundu, Amitabh (2009) 'Exclusionary urbanization in Asia- A macro overview' Special Article. Economic and Political Weekly. Vol XLIV No. 48 Nov 28- Dec 4. pp.48-58

Urban development, Urban Health, Policies and programmes

Agarwal S, Bhanot A and Goindi G (2005). 'Understanding and Addressing Childhood Immunization Coverage in Urban Slums'. Indian Paediatrics, 42: 652-663.

Agarwal S and Sangar K (2005). 'Need for Dedicated Focus on Urban Health within National Rural Health Mission'. Indian Journal of Public Health Vol.XXXXIX No.3 July-September.

Bhagat, R B (2004) 'Dynamics of urban Population Growth by size Class of Towns and Cities in India'. Demography India Vol 33 No1 pp 47-60

Dasgupta, Rajib (2007) Exploring Intra-house factors for diarrhoeal Diseases- A Study of Slums of Delhi, India. Journal of Water and Health vol 20.

Dasgupta Rajib (2009) Mapping Cholera Vulnerability in Delhi- An Eco-social perspective. (Forthcoming Paper)

MUD (2006) 'Jawaharlal Nehru National Urban Renewal Mission'. Ministry of Urban Development (MUD). Spatio-Economic Development Record vol 13 No 2 March-April pp 5-12

Sankhyan AR and RK Sharma (2006) 'Urban Renewal Through The Instrument of Development Plan- Case of Shimla'. Ministry of Urban Development Spatio-Economic Development Record vol 13 No 2 March-April pp 13-18

Umashankar, P K and Girish K Misra (eds) (1993) Urban Health Systems .Reliance Publishing House and Institute of Public Administration , Centre of Urban Studies, New Delhi

Shah Ghanshyam (1997) Public Health and Urban Development- The Plague in Surat Sage Publications New Delhi

Government of India (2007). National Urban Housing and Habitat Policy 2007. Ministry of Housing & Urban Poverty Alleviation, New Delhi

Urbanisation, Migration, governance and Urban Poor

Bhagat, R B (2002) 'Challenges of Rural-Urban Classification for Decentralised Governance'. Economic and Political Weekly June 22 pp 2413-2420

Government of Delhi (2001). Delhi Environment and Urban Infrastructure Improvement Project: Delhi 21, Department of Planning, Govt. of Delhi, Delhi.

Gowda, S and GP Shivashankara (2007) Rural Migration to the Indian metropolis- Case Study of Bangalore Institute of Town Planners, India Journal vol4 no1 pp 67-69

Rao, Ratna N (1990) Social Organization in an Indian Slum. Mittal Publications New Delhi

Kapadia-Kundu N and Kanitkar T (2002). 'Primary Healthcare in Urban Slums'. Economic and Political Weekly, Vol. 37, No. 51 (Dec. 21-27, 2002), pp. 5086-5089.

Kundu, Amitabh (1986) Migration Urbanisation and Interregional Inequality- The Emerging Socio-political Challenge. Economic and Political Weekly vol 21 No 46 Nov 15

Paul, Samuel (1994) 'Public Services of Urban Poor- Report Card on Three Indian Cities'. Economic and Political Weekly. Vol 29 No 50 Dec 10

Kundu Amitabh (2000) Provision of basic Amenities through Empowerment of Local Bodies- The Need for Institutional Solutions . Paper presented in Seminar on Emerging perspective on Urban Governance Organised by Institute for Human Development, New Delhi and Faculty of Management Studies, University of Delhi. New Delhi Feb 15-16.

Development, Poverty, Nutrition and Morbidity

Acharya, Sanghmitra And Reema Dixit (2001) Status of Social Services in Navi Mumbai. In R.N Sharma and K Sita (eds.) Issues in Urban Development- A case of Navi Mumbai, Jaipur, Rawat Publishers.2001, 336 p., ISBN 81-7033-688-0.

Antony G M and Laxmaiah A (2008). 'Human development, poverty, health & nutrition situation in India'. Indian Journal of Medical Research, 128: 198-205.

Bhasin S K (2009). 'New poverty line and growth chart bring forth sharp inequalities in the Indian population'. Indian Journal of Community Medicine, 34(3): 171-172.

Kurian N J (2007). 'Widening economic and social disparities: Implications for India'. Indian Journal of Medical Research, 126: 374-380.

Gomber S, Bhawna, Deepa R, Madan N, Lal A and Kela K (2003). Prevalence & etiology of nutritional anaemia among school children of urban slums. Indian Journal of Medical Research, 118: 167-171

Govt. of Delhi (2009). Annual Plan 2009-10, Medical, Public Health, Water Supply and Sanitation, Housing, Urban Development and Nutrition. Available at http://www.delhi.gov.in/wps/wcm/connect/DoIT_Planning/planning/plan+documents/scheme+wise+sectors/write+up

Mohan V, Sandeep S, Deepa R, Shah B and Varghese C (2007). 'Epidemiology of type 2 diabetes: Indian scenario'. Indian Journal of Medical Research, 125: 217-230.

Thuppal V, Mukhopadhyaya A, Gladstone B P, Sarkar R and Kang G (2008). 'Investigation of a hepatitis A outbreak in children in an urban slum in Vellore, Tamil Nadu, using geographic information systems'. Indian Journal of Medical Research, 128: 32-37.

Healthy Cities, Climate change and Public Health

Awofeso N (2003). 'The Healthy Cities approach — reflections on a framework for improving global health'. Bulletin of WHO, doi: 10.1590/S0042-96862003000300013, 81(3).

Bhattacharya, S et al (2006) *Climate Change and malaria in India*. Current Science 90 (3) Feb pp 369-375

Kenzer M (1999). 'Healthy cities: a guide to the literature'. Environment and Urbanization, 11(1): 201-220.

Majra, JP and A Gur (2009) *Climate Change and health- Why should India be concerned?* Indian Journal of Occupational and Environmental Medicine. 13(1) pp 11-16

Nadarajah, M and Ann Tomoko Yamamoto (eds.) (2008) Urban Crisis- Culture and Sustainability of Cities. United Nations University- Institute of Advance Studies (UNU-IAS). United Nations University Press. Tokyo and Rawat Publication Jaipur.

Pandve, harshal T (2010) *Climate Change and Health- Research Challenges for Health in the Developing Countries*. Indian Journal of Occupational and Environmental Medicine August. 14(2) pp 42-44

Samet, Jonathan M (2009) Adapting to Climate Change- Public health. Adaptation- An Initiative of the Climate Policy programme at Resources for Future (RFF) June

Globalisation and Environment

Buch, M N (1993) 'Environmental Consciousness and Urban Planning' in Bhattacharya Neeladri (ed) Tracts for the Times. Orient Longman. Hyderabad.

Satterthwaite, David (1993) 'The Impact on Health of urban Environments'. Health and Environment. October.

Acharya, Sanghmitra (1994) *Urban Environment- Growing Ecological Concern*. In Pathak KB, UP sinha and Arvind Pandey (eds.) Dynamics of Population and Family Welfare. Bombay. Hamalaya Publishing House.

Mahadevia D (2003) Globalisation, urban Reforms and metropolitan Response- India. School of Planning, Centre for Environmental Planning and Technology, Ahmedabad in association with Manak Publication Pvt Ltd.

Sudarshan Ratna M (2009) 'Through the Magnifying glass- Women's Work and Labourforce participation in Urban Delhi'. Special Article. Economic and Political Weekly. XLIV No. 48 Nov 28-Dec 4. pp 59-66