

Course Number and Title: HS 142 Introduction to India's Health System

Programme of Study: BTech 5th Semester

Course Instructor: Dr Daksha Parmar

Assistant Professor-Department of Humanities and Social Sciences, IIT Guwahati

Time Table-Wednesday to Friday (12 to 1pm)

Preamble: The objective of this course is to introduce students to the study of India's health system from an interdisciplinary perspective. It will explore how health systems in India have evolved historically and challenges they faced in contemporary times. The main aim is to expose students to debates on nature of health systems as it exists in different states of India from a critical perspective.

Course Contents

Introduction to the concept of health and health systems in India; Structure of India's health system in British India and post-independence; Health services system: current structure and functions; Human resources for health: roles and responsibilities; Communicable and non-communicable diseases; Epidemiology; National health programmes of India; Public and private sector in healthcare; Globalisation and health sector reforms; Health systems across different states in India: Main features and challenges, COVID-19 Pandemic and Building Resilient Health Systems.

Module 1: Introduction to the Study of Health and Health Systems: Basic Concepts

Health, Ill-ness and Disease, Medicine, Public Health, Introducing Health and Demographic Indicators; Birth Rate, Death Rate, Life Expectancy, Mortality, Morbidity; Infectious Diseases, Data Sources of Health Indicators, Understanding the Role of Medical Measures in Health Improvement, Overview of Different Health Systems.

Readings:

Jones, L (1994) Chapter 1: Health in a Social Context in *The Social Context of Health and Health Work*, The MacMillan Press, London.

Central Bureau of Health Intelligence (2017) '*National Health Profile-2017*', Directorate General of Health Services, Ministry of Health and Family Welfare, New Delhi.

International Institute of Population Sciences (2015) '*National Family Health Survey-I, II, III and IV*', Government of India.

Module 2: Health System in Colonial and Post-Independent India

Health System in British India, Landmarks in the Development of Health Services in India, Health Planning in India (1940s-till date) Committees on health and health services, Five Years Plans and Health. Health Services in India-Structure, Manpower and Functions: Organisation of Health Services Structure in India at the Central, the State, the district, the block and village level, Health Manpower Requirement, Roles and Responsibilities

Readings:

Rao, S (2017) '*Do we care? India's Health System*', Oxford University Press, New Delhi.

Ramasubban, R (1982) '*Public Health and Medical Research in India: Their Origins under the Impact of British Colonial Policy*', SAREC, Stockholm, pp 7-45

Qadeer, I (2008) *Health Planning in India: Some Lessons from the Past*, Social Scientist Vol 36 No 5/6 (May-June), pp 51-75

Kishore, J (2016) 'Health Care Delivery System in India', in '*National Health Programs of India: National Policies and Legislations Related to Health*', Century Publications, New Delhi, pp: 82-86.

Selvaraj, S (2022) India health system review: Health Systems in Transition. Vol-11, Number-1 World Health Organisation, Geneva.

Module 3: International Actors in Health

Evolution, role and mandate of different organisations, actors and agencies in international health- World Health Organisation (WHO), United Nations Children Education Fund (UNICEF), International Financial and Economic Institutions such as the World Bank(WB)

Readings:

Koivusala, M and Ollila, E (1997) '*Making a Healthy World: Agencies, Actors and Policies in International Health*', Zed Books, London.

Birn, A; Holtz, T and Pillay, Y (2009) Chapter 3: International Health Agencies, Activities and Other Actors', in '*Textbook of International Health: Global Health in a Dynamic World*', Oxford University Press, New York, pp: 61-131.

Module 4: From Comprehensive Primary Health Care to Selective Primary Health Care

Comprehensive Primary HealthCare, Alma Ata Declaration of 1978, Health for All by 2000, Principles of Primary Health Care, Shift from Comprehensive to Selective Primary Healthcare, Main elements and features of selective primary health care, India's strategy with respect to comprehensive and selective primary health care.

Readings:

Cueto, M (2004) Primary Health Care and Selective Primary Health Care, *American Journal of Public Health*, November, Vol 94, No. 11, pp: 1864-1874

Magnussen, L; Ehiri, J and Jolly, P (2004) Comprehensive Versus Selective Primary Health Care: Lessons for Global Health Policy', *Health Affairs*, Vol 23 No 3, pp: 167-176.

Module 5: National Health Programmes of India

India's Family Planning Programme, Maternal and Child Health Programmes, Immunisation, Communicable and Non Communicable Diseases and India's Health Systems

Readings:

Rao, M (2000) 'Family Planning Programme: Paradigm Shift in Strategy', *Economic and Political Weekly*, Vol. 35, No. 49, December, pp. 4317-4322.

Qadeer, I (1998) 'Our Historical Legacy in MCH Programme' in Krishnaraj, M; Sudarshan, R; Shariff, A, '*Gender, Population and Development*', Oxford University Press, pp-267-290

Gerein, N; Green, A; Mirzoev, T and Pearson, S (2009) 'Health System Impacts on Maternal and Child Health', in Ehiri, J (ed) '*Maternal and Child Health: Global Challenges, Programs and Policies*', Springer, New York, pp: 83-98.

Banerji, D (1990) 'Politics of Immunisation Programme' *Economic and Political Weekly*, Vol. 25, No. 14 (Apr. 7, 1990), pp. 715-718

Lines, J; Harpham, T et al (1994) 'Trends, Priorities and Policy Directions in the Control of Vector-Borne Diseases in Urban Environments', *Health Policy and Planning*, Vol 9 No 2, pp 113-129

Kishore, J (2016) Malaria in '*National Health Programs of India: National Policies and Legislations Related to Health*', Century Publications, New Delhi, pp: 370-430

Module 6: Globalisation and Health Sector Reforms in India

Structural Adjustment Programme and Health, Neoliberalism and Healthcare in India;, Evolution and basic elements, Decentralisation, Health Financing and User Fees, Public-Private Partnerships, Privatisation of Health Services, Critique of HSR; World Bank-Commission on Macro-Economics and Health, 2000

Readings:

Lister, J and Labonte, R (2009) Globalisation and Health Systems Change in Labonte, R et al (eds) '*Globalisation and Health: Pathways, Evidence and Policy*', Routledge, New York, pp:181-212

Rao, M (2010) 'Health for all' and Neoliberal Globalisation: An Indian Trope', in Panitech, L and Leys, C (eds) '*Morbid Symptoms: Health under Capitalism*', Socialist Register. The Merlin Press, London pp 262-278.

Qadeer, I (2000) 'Health Care Systems in Transition III, India, Part I. The Indian Experience', *Journal of Public Health Medicine*, Vol.22, No.1, pp: 25-32.

Module 7: The Challenge of Chronic Diseases and Health Systems

Epidemiology of Non-Communicable Diseases in India, Types of NCDs, Health Systems Response to NCDs in India, National Program for Prevention and Control of Cancer, Diabetes, CVD and Stroke in India

Readings:

Smith,D; Gunnell, D; and Ben-Sholmo, Y (2001) Life-course approaches to socio-economic differentials in cause-specific adult mortality in Leon, D and Walt, G (eds) '*Poverty, Inequality and Health*'. Oxford University Press, Oxford

Rayner, M Wickramasinghe, K et al (2017) '*An Introduction to Population-Level Prevention of Non-Communicable Diseases*', Oxford University Press, Oxford.

Kishore, J (2016) National Program for Prevention and Control of Cancer, Diabetes, CVD and Stroke in '*National Health Programs of India: National Policies and Legislations Related to Health*', Century Publications, New Delhi, pp: 562-583.

Module 8: National Health Mission and Comprehensive Primary Healthcare

National Rural Health Mission, National Urban Health Mission, National Health Protection Scheme, Health Financing and Medical Insurance, Universal Health Care.

Sen, A and Dreze, J (2013) India's Healthcare Crisis in '*An Uncertain Glory: India and its Contradictions*', Penguin, New Delhi.

Government of India (2013) 'National Urban Health Mission Framework For Implementation', Ministry of Health and Family Welfare, Government of India, New Delhi.

Sen, G (2012) Universal Health Coverage in India: A Long and Winding Road, *Economic and Political Weekly*, Vol. XLVII, No 8, pp: 45-52

Rao M et al (2011) 'Human Resources for Health in India' *The Lancet* Volume 377, Issue 9765, 12–18 February 2011, Pages 587-598.

Module 9: Universal Health Coverage and Medical Insurance Schemes

Qadeer, I (2019) Universal Health Coverage: The Trojan Horse of Neoliberal Policies in Qadeer. I; Saxena, K and Arathi, P (eds) *Universalising Healthcare in India: From Care to Coverage*, Aakar Publishers, New Delhi, pp: 55-74.

Reddy, S and Mary, I (2019) Aarogyasri Scheme in Andhra Pradesh, India: Some Critical Reflections in Qadeer. I; Saxena, K and Arathi, P (eds) *Universalising Healthcare in India: From Care to Coverage*, Aakar Publishers, New Delhi, pp: 228-246.

Dcruze, N (2020) 'Risky Insurance: The Pradhan Mantri Jan Arogya Yojana in Jharkhand', *Economic and Political Weekly*, Vol. 55, Issue No. 45, 07 November, pp: 1-10.

Hooda, S (2020) Decoding Ayushman Bharat: A Political Economy Perspective, *Economic and Political Weekly*, Vol. 55 Issue 25, pp: 107-115.

Module 10: Learnings from the COVID-19 Pandemic: Building Resilient Health Systems

Sundararaman, T (2020) 'Health systems preparedness for COVID-19 pandemic', *Indian Journal of Public Health*, Vol. 64 Issue 6, pp: 91-93.

Kruk, M et al (2015) 'What is a resilient health system? Lessons from Ebola', *The Lancet*, Vol. 385, Issue, 9980, P1910-1912.

WHO (2021) Building health systems resilience for universal health coverage and health security during the COVID-19 pandemic and beyond, World Health Organization 2021, Geneva, 1-52.