

DEEPAK KUMAR

Professor, History of Science and Education
Chairperson, Zakir Husain Centre for Educational Studies
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Date of Birth : 15.08.1952

Qualifications : M.A., LL.B. (Patna University),
Ph.D. (History, Delhi University)

Teaching and Research Experience:

Lecturer, Department of History, Kurukshetra University, 1976-1983.
Scientist, History and Philosophy of Science Division, NISTADS, 1983-1997.
Associate Professor, Zakir Husain Centre for Educational Studies, JNU, 1998-1999
Professor, Zakir Husain Centre for Educational Studies, JNU, 2000 to date.

Administrative Experience:

Head, History and Philosophy of Science Division, NISTADS, (CSIR), 1986-1996.
Chairman, Z.H.Centre for Educational Studies, JNU, 2002-2004, again April 2010 onward
Chairman, Campus Development Committee, JNU, 2005-2007.
Senior Warden, Sabarmati Hostel, JNU, 1999-2005.
Director, Educational Records Research Unit, JNU, 2004 to date.
Founder Chairman, Media Research Centre, SSS, JNU, June 2010 onward.

Lectures/Seminars/Talks Given at :

The Universities of Patna, Delhi, Calcutta, Bombay, Madras, Pune, Thanjavur, Jadavpur, Rabindra Bharati, Vishwa Bharati, Agra, Kurukshetra, Aligarh, Lucknow, Allahabad, Bilaspur, Bhagalpur, Banaras, Sambalpur, Jabalpur, Berhampur, Burdwan, Silchar, Hyderabad, Oxford, Cambridge, London, Glasgow, Manchester, Sheffield, Lancaster, Bath, Berlin, Sussex, Paris, Amsterdam, Leiden, Tokyo, Kyoto, York, Oslo, Simon Fraser, British Columbia, Heidelberg, Hannover, Canberra, Jerusalem, Denver, Wisconsin, Pittsburgh, CUNY, New York, Clemson, South Carolina, Beijing, Tehran, Shiraz, Isfahan, Istanbul, Lisbon, Academia Sinica, Taipei, The Smithsonian Institution, Washington D.C., the Asiatic Society, Calcutta, IAS, Leiden, MIT, Boston, and NIAS, Copenhagen.

Fellowships:

Visiting Fellow, St. John's College, Cambridge University, Oct.-Dec. 1988.
Chapman Visiting Fellow, Institute of Commonwealth Studies, University of London, Jan-March, 1989
Visiting Scholar, MSH, Paris, Oct.1989.
Visiting Fellow, MAH, Smithsonian Institution, Washington D.C., March-August, 1992.
Senior Visiting Fellow, Centre for History of Science, Hebrew University, Jerusalem, June-July, 1995.
Senior Visiting Fellow, IAS, Leiden, May-August, 1996.
Visiting Professor, School of Cultural Studies, Sheffield Hallam University, 1998-2000.
Visiting Professor, Universities of Tehran, Shiraz and Isfahan, Dec.2003 - Jan.2004.
Fulbright Visiting Professor, University of Wisconsin, Madison, Sept.-Dec.2005.
Visiting Professor, Research School of Asia and Pacific, ANU, Canberra, Nov.-Dec. 2006.
Visiting Professor, Dept. of History, Vishwa Bharati, Santiniketan, Jan.25- Feb.4, 2006.
Visiting Fellow, Centre for Environmental History, University of Sussex, June-July, 2007.
Visiting Professor, Dept. of History, Jadavpur University, Kolkata, Feb. 2008
Visiting Professor, Queen's University, Belfast, April, 2008
Visiting Professor, Dept. of History, Kalyani University, Kalyani, 27 Jan. - 7 Feb. 2009.
Visiting Professor, Dept. of History, Burdwan University, Burdwan, March, 2010

Honours and Awards:

President and Convenor, 20th International Association of Historians of Asia Conference, held at JNU, New Delhi, on 14-17 Nov. 2008..
President, International Commission on Science & Empire, IUHPS/DHS, 1997-2001.
President of the Modern India Section, Indian History Congress, 60th Session, Calicut, December 1999.
Professor R.C.Gupta Endowment History of Science Lecture Award given by the National Academy of Science, Allahabad, July 2001.
President, South Asia Section, Indian Association of Asian and Pacific Studies, Second Biennial Conference, Sambalpur University, 29-31 Jan. 2004.
Vice-President, International Association of Historians of Asia, 2004-06, elected at the 18th IAHA Conf. held at Taipei in 2004.
Member, Academie Internationale D'Histoire des Sciences, Paris.
Vice-President, Association of South Asian Environmental Historians, 2007- 2009.

Keynote Addresses:

Dr. Gangadhar Adhikari Memorial Lecture, Joshi-Adhikari Institute of Social Studies, New Delhi, May 5, 2000.
Keynote Address at the First Conference of the Asian Society for the History of Medicine, Academia Sinica, Taipei, 4-8 Nov.2003.
Keynote Address, National Seminar on History and Changing Paradigms, Dept. of History, BHU, Benaras, 27-28 Feb.2004.
Valedictory Address, International Seminar on Environmental History and its Historiography, Dept. of History, Jadavpur University, 4-6 March,2005.
Keynote Address, Seminar on Science and Society, Dept. of History, Calcutta University, 8-9 March,2005.

Keynote Address, Seminar on Health, Medicine and Society, Dept. of History, Jamia Millia Islamia, 10-11 March 2005.

Professor N R Ray Memorial Lecture, Institute of Historical Studies, Kolkata, March 6, 2006.

Professor Bisheshwar Prasad Memorial Lecture, Dept. of History, Bhagalpur University, April 13, 2006.

Keynote Address, Society for Social History of Medicine, Strathclyde University, Glasgow, Aug.2008.

Inaugural Lecture, Paschim Bangiya Itihas Samsad, Rabindra Bharati University, Kolkata, 24 Jan.2009.

Dr. V.N.Bedekar Memorial Lecture, Vidya Prasar Mandal, Thane College, Thane, April 14, 2009.

Kapildeo Singh Memorial Lecture, KS Smajwadi Foundation, Lucknow, 22 Dec. 2009.

Keynote Address, National Seminar on History of Medicine, Vishva Bharati, Santiniketan, 18-20 Feb.2010

Inaugural Address, Seminar on Environmental History, Dept. of History, Central University Silchar, Feb.24-26, 2010

Keynote Address, Seminar on Interrogating Modernity, Dept. of History, Burdwan University, Burdwan, March 9-10, 2010.

Prof. Y.Mishra Memorial Lecture, M.M.College, Patna University, April 21, 2010.

Conferences and Seminars organised:

1. Member, Organizing Committee, Indian History Congress at Kurukshetra in December 1982.
2. Convened an International Seminar on 'Science and Empire' (1700-1947), Jan. 21-23, 1985, at NISTADS, New Delhi.
3. Convened an Indo-Australian Seminar on 'Science, Technology and Colonization: A Comparative Study of India and Australia'. May 9-11, 1988 at NISTADS, New Delhi.
4. Convened a Seminar on 'Calcutta and Science', with BITM, Calcutta, Dec. 21-23 1989.
5. Convened a Symposium on Technology and Colonization at the SHOT Conference, Uppasala, Sweden, 16-20 1992.
6. Convened a 'Science and Society Section' at the 80th Session of the Indian Science Congress, 3-8 Jan. 1992, Goa.
7. Member, Organizing Committee, International Conference on Environmental History in South and South East Asia, NISTADS, New Delhi, February 1992.
8. Convened Scientific Section on Science, Technology and Colonialism at the XIX International Congress of History of Science, 22-29 August 1993, Zaragoza, Spain.
9. Convened 'Science and Society' section at the 81st Session of the Indian Science Congress, 3-8 January 1994, Jaipur.
10. Member, Scientific Committee, UNESCO/ORSTOM Conference on 'Science beyond the Metropolis', Paris, September 1994.
11. Co-convenor, Symposium on 'Mondalization of Sciences', XX International Congress of History of Science, Liege, 20-29 July, 1997.
12. Co-convenor, Seminar on Achieving Quality: Challenges in Higher Education, JNU, New Delhi, 3-4, Nov. 1999.

13. Convener, Symposium on History of Medicine and Health in India, Indian History Congress, Jan. 3, 2001.
14. Convener, Symposia under Science and Empire Commission at XXI International Congress of History of Science, Mexico, 8-14 July 2001.
15. Convener, International Conference on Environmental History of Asia, held at JNU, New Delhi, 4 -7 December, 2002.
16. Convener, Third ASHM Conference on Health and Medicine in History: East-West Exchange, JNU, 2-4 Nov.2006.
17. Convenor and President, 20th Conference of the International Association of Historians of Asia, 14-17 Nov.2008, JNU, New Delhi.

Editorial Advisory Boards:

1. *Science, Technology and Society: An International Journal devoted to the Developing World*, SAGE. New Delhi.
2. *Journal of History*, Department of History, Jadavpur University, Calcutta.
3. *Journal of Comparative Technology Transfer*, Michigan Technological University.

Books:

1. Edited *Science and Empire: Essays in Indian Context*, Anamika Prakashan, New Delhi, 1990 (paperback, ed., 1995).
2. *Science and the Raj*, Oxford University Press, Delhi, 1995. (Paperback ed. published in May 1997 Reprinted 2000).
Enlarged Second Edition by OUP, Delhi, in Jan.06. Paperback in Sept.06.
Earlier Hindi version published by Granthsilpi, Delhi, in 1998. Urdu version published by NCPUL, New Delhi in 2009. Bengali translation titled *British Bharter Vijnan*, Sujan Pub., Kolkata, 2007. Translation in Telugu and Tamil also in progress.
3. *Technology and the Raj*, jointly edited with Professor Roy MacLeod of Sydney University, SAGE, New Delhi, 1995. Enlarged Hindi version was published by Granthshilpi, Delhi in 2002.
4. Edited *Disease and Medicine in India: A Historical Overview*, Tulika Pub., New Delhi, 2001, paperback 2002.
5. Edited with Vinita Damodaran and Rohan D'Souza, *Nature and Empire*, OUP, Delhi, forthcoming.

Articles in Journals:

1. 'Patterns of Colonial Science', *Indian Journal of History of Science*, 1 May, 1980, pp.105-13.
2. 'Economic Compulsions and the Geological Survey of India', *Indian Journal of History of Science*, 17 (2), 1982, pp.298-300.
3. 'Science, Resources and the Raj', *Indian Historical Review*, Vol.X, No.1-2, 1984, pp.66-89.
4. 'Science in Education: A Study in Victorian India', *Indian Journal of History of Science*, Vol.19, (3), 1984, pp.253-260.

5. 'Racial Discrimination and Science in 19th Century India', *Indian Economic and Social History Review*, Vol.XIX, pp.63-82, 1983.
6. 'Pre-Colonial Science and Technology: Lessons from 18th Century India', *Journal of the Japan-Netherlands Research Institute*, March, 1992.
7. 'Calcutta: The Emergence of a Science City', published in *India Journal of History of Science*, Jan-March 1994, pp.1-7.
8. 'Culture of Science and Colonial Culture' *British Journal of History of Science*, No.29, June 1996, pp.195-209.
9. 'Gandhi on Technology', *Gandhi Marg*, Jan-March, 1997, 428-437.
10. 'Colony under a Microscope: The Life and Works of W. Haffkine', in *Science Technology and Society*, Sept. 1999, Sage, New Delhi.
11. *Reconstructing India: Science and Technology for Development Discourse*, *OSIRIS*, 15, 2000, 1201-1217.
12. 'Science and Society in Colonial India: Exploring an Agenda', Presidential Address at Modern India Section. Indian History Congress, Calicut, 1999, printed in *Social Scientist*, 28, 5-6 June, 2000, 24-46.
13. "Developing a History of Science and Technology in South Asia", *Economic Political Weekly* (EPW), June 7, 2003, 2248-2251.
14. 'Emergence of Scientocracy; Snippets from Colonial India, EPW, Aug.28, 2004, 3893- 3898.
15. 'Medical Encounter: Concepts and Practices in India: A Historical Outline', *Archive Internationales d'Histoire des Sciences*, vol.55, No.155, Dec. 2005, pp.357-366.
16. 'An Imperial Apology', Review Article, *The Indian Historical Review*, XXXIV, No.2, July 2007, 189-96.
17. 'Bioethics, medicine and society – a philosophical inquiry' (co-author V.K.Yadavendu), *Current Science*, vol. 97, no.8, Oct.25, 2009, 1128-1136.

Chapters in Books:

1. 'Science in Agriculture: A Study in Victorian India', Pub. In Rahman A. (ed.) *Science in Indian Tradition A Historical Perspective*, NISTADS, 1984.
2. 'Colonial Science: A Look at Indian Experiences', published in Kumar, Deepak (ed.), *Science and Empire*, Delhi, 1991.
3. 'The Evolution of Colonial Science in India: Natural History and the East India Company', in J.Mac Kenzie, (ed.) *Imperialism and the Natural World*, Manchester University press, 1990.
4. 'Problems of Science Administration: A Study of the Survey Organisations', P.Petitjean et.al. (eds.) *Science and Empires*, Dordrecht, 1992.
5. 'The Concept of Colonial Science: A Review', in Jean Dhombres et.al. (ed.) *Symposia Survey Papers: IXI International Congress of History of Science*, Zaragoza, 1993.
6. 'Technology, Education and Colonialism: A Study of Victorian India, 1835-1880', in Yamada Keiji (ed.), *Transfer of Technology between Europe and Asia*, Tokyo, 1995.
7. 'Natives in Colonial Parlance', in I.Banga and Jaidev (eds.), *Cultural Reorientation in Modern India*, IAS, Simla, 1996.
8. 'Medical Encounters in British India', in A.Cunningham and B.Andrews (eds.), *Western Medicine as Contested Knowledge*, Manchester, 1997.

9. 'Educational Ideas of the Indian Men of Science: Bengal 1850-1920', in S.Bhattacharya (ed.): *Contested terrain: Perspectives on Education*, Orient Longman, Delhi, 1997.
10. 'Techno-Scientific Knowledge in an Age of Decline: A Study of Eighteenth Century India', in Roy Porter (ed.) *Science in Eighteenth Century*, CUP, Mass., Cambridge, 2003, pp. 669-687.
11. 'Modern Science in South Asia', in Ronald Numbers (ed.), *Science in Nineteenth-Twentieth Century*, CUP, Cambridge, forthcoming...
12. 'Health and Medicine in British India and Dutch Indies: A Comparative Study', in J.S.Alter (ed) *Asian Medicine: Nationalism, Transnationalism and the Politics of Culture*, University of Pennsylvania Press, 2005
13. 'Perceptions of Public Health: A Study in British India', in A.K.Bagchi and K.Soman (eds.), *Maladies, Preventives and Curatives: Debates in Public health in India*, Tulika Books, New Delhi, 2005.
14. 'HISTEM in India: An Introduction', in Arun Bandyopadhyaya (ed.), *Science, and Society*, Manohar Publications, Delhi, 2009.
15. 'Investigating the Histories of Technology and Medicine in South Asia', *Proceedings of the Indian Association for Asian and Pacific Studies*, Kolkata, 2006, pp.32-57.
16. 'Colony and Science: A Study of British India', in J.B.Dasgupta (ed.), *Science, Technology, Imperialism and War*, PHISPC Series, Pearson Longman, New Delhi-2007, pp. 89-119.
17. 'Foreign Philanthropy and Medical Research in India', in K L Tuteja and S Pathania (eds.), *Historical Diversities*, Manohar Publ. Delhi, 2009.
18. 'Scientific Surveys in British India', in Uma Dasgupta (ed.), *Scientific Institutions in India*, PHISPC Series, Pearson Longman, New Delhi (forthcoming),2010.

Currently I am drafting two books: one on the history of medicine and public health in colonial South Asia; the other, on western science and agriculture. From the point of view of development and socio-economic history, I believe the history of public health and agriculture can be of great value to the civil society and policy-makers.

During three decades of teaching and research in India -- from Dehra Dun in north to Tanjore in the south, and Mumbai in the west, to Kohima in the east- I have tried to popularize the History of Science, Technology, Environment and Medicine (HISTEM). I have enjoyed doing so, and should now like to see this work cast in a more global context.

For reference, the following scholars can be contacted:

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