



ENLIGHTENMENT TO EXCELLENCE

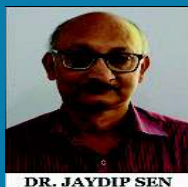
UNIVERSITY OF NORTH BENGAL

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Raja Ram Mohunpur, Dist- Darjeeling, West Bengal, Pin-734013, India.



Department of Anthropology

Print



DR. JAYDIP SEN

Dr. Jaydip Sen

M.Sc, Ph.D.

Professor

Members of Learned Societies: Nutrition Society of India, Indian Anthropological Society



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Subject specialization: Physical Anthropology

Areas of Research Interest: Human growth and nutrition, forensic anthropology

No. of Ph.D. students: (a) Supervised: 01 (b) Ongoing: 06 .

No. of M.Phil. students: (a) Supervised: Nil (b) Ongoing: Nil.

No. of Publications: 50

Achievement & Awards: Nil

Professional experiences:

• Work experience

- Employed as Lecturer in Anthropology in Bangabasi College from 23rd August 1996 till 22nd August 2000.
- Employed as Lecturer in Anthropology, Senior Scale, in Bangabasi College from 23rd August 2000 till 22nd August 2005.
- Employed as Reader in Anthropology, in the Department of Anthropology, University of North Bengal from 23rd August 2005 till 22nd August 2008.
- Employed as Associate Professor in Anthropology, in the Department of Anthropology, University of North Bengal from 23rd August 2008 till 22nd August 2011.
- Employed as Professor in Anthropology, in the Department of Anthropology, University of North Bengal from 23rd August 2011 onward

• Research Collaboration

- Dept. of Anthropology, Punjab University, Chandigarh
- Department of Forensic Medicine, Manipal University, Mangalore
- Department of Physiology, North Bengal Medical College and Hospital

• Visiting faculty

- Dept. of Anthropology, Vidyasagar University (UGC-Merged Scheme) in September 2013a

• Academic Coordinator

- Refresher course on "Research Methodology" organized by the UGC-Academic Staff College and the Dept. of Anthropology in July 2015,
- Refresher course on "Research Methodology" organized by the UGC-Academic Staff College and the Dept. of Anthropology in August-September 2013
- UGC-Orientation Programme organized by the UGC-Academic Staff in April 2013
- Refresher course on "Research Methodology" organized by the UGC-Academic Staff College and the Dept. of Anthropology in September 2012
- Refresher course in "Anthropology" organized by the UGC-Academic Staff College and the Dept. of Anthropology in November 2011

• Seminar Director

- UGC-sponsored 2-day National Seminar on "Anthropology and Society" organized by the Dept. of Anthropology, University of North Bengal, on 22nd and 23rd December 2015.
- UGC-sponsored 2-day National Seminar on "New Paradigms in Anthropological Research" organized by the Dept. of Anthropology, University of North Bengal, in collaboration with the Anthropological Survey of India on 19th – 20th March 2015.
- UGC-sponsored 2-day National Seminar on "Anthropology in the 21st Century" organized by the Dept. of Anthropology, University of North Bengal, in collaboration with the Anthropological Survey of India on 25th – 26th March 2014.
- UGC-sponsored 2-day National Seminar on "Modern trends in Anthropology" organized by the Dept. of Anthropology, University of North Bengal, in collaboration with the Anthropological Survey of India on 21st – 22nd March 2013.
- UGC-sponsored 2-day National Seminar on "Emerging Areas in Anthropology" organized by the Dept. of Anthropology, University of North Bengal on 21st – 22nd March 2011.

- UGC-sponsored 2-day International Seminar on “Anthropology and Emerging Issues” organized by the Dept. of Anthropology, University of North Bengal on 16th – 17th February 2009.
- **Editor of journal**
 - *South Asian Anthropologist; Serial publications*
- **Invited as Resource person to deliver lectures**
 - ICSSR sponsored Ten-day Workshop on: **Research Methodology in Social Science Research** held on December 7-16, 2015 organised by the Institute of Tai Studies and Research, An Autonomous Institute under Dibrugarh University, Moranhat, Assam - 785670
- **Invited lectures in seminars (last six)**
 - **National Conference** organized by the Biological Anthropology Unit, Indian Statistical Institute, Kolkata on the theme “Recent Trends in Research on Biological Anthropology in the Eastern and North-Eastern India”, on the 21st – 23rd November 2013; Title of paper presented: “Arsenic exposure and human health in the Bengal Delta Plain”
 - **National Conference** organized by The Tribal Studies Centre and Department of Anthropology, Assam University; Diphu campus on the theme “Class Formation in the Tribal Societies of Northeast India” on the 22nd and the 23rd February, 2013; title of paper presented: “Class Formation and Nutritional Status in Tribal Societies”
 - **Conference of the Indian National Confederation and Academy of Anthropologists (INCAA)** organized jointly with the Dept. of Anthropology, Lucknow University. 23rd -25th February 2012. Title of paper presented “New dimensions in Forensic Anthropology”.
 - **National Conference** of the Nutrition Society of India, Mumbai 18th – 20th November 2010. Title of paper presented “Evidence of high prevalence of under-nutrition among children of North Bengal, India.”
 - **International seminar** on “Applications of Anthropological researches in human life” organized by the Asiatic Society, Kolkata. 7th – 9th January 2009. Title of paper presented “Some observations on ground water arsenic contamination in West Bengal”.
 - **National symposium** on “Paradigms in new Anthropology: Genomic diversity, disease, obesity and health” organized by the Dept. of Anthropology, University of Delhi. 22nd – 24th December 2008. Title of paper presented “Trace element analysis and assessment of nutritional status”.

Administrative Experiences:

- Head of Department from September 2008 onwards
- Chairman, Hostel Monitoring Committee w.e.f. March 2012 for two years
- Convenor, Anti-ragging Committee, w.e.f. October 2012 for two years
- Chairman Anti-ragging squad, w.e.f. October 2012 for two years
- Member, Anti-ragging Committee
- Member, Anti-ragging squad
- Supdt., R.K. Hall of Residence from August 2010 onwards
- Convenor, Cultural Committee w.e.f. October 2012 for two years.

Research Projects Completed:

- “Effect of ground -water arsenic contamination on reproductive performance of the affected individuals and their socio-economic status”, funded by the UGC (Grant No.: F.PSW-022/03-04).
- Assessment of Nutritional status using anthropometric measurements and determination of trace element in selected body tissues”, funded by the UGC (Grant No.: F. No. 34-118/2008 SR dated 31.12.2008).

Selective List of Publications:

Books Edited:

1. **Mondal Nitish, Sen Jaydip.** Nutrition and Health among Tribal Populations of India: A bio-cultural Approach. New Delhi, B.R.Publishing Corporation, 2016.

International publications:

2. **Sen Jaydip, Kanchan Tanuj, Ghosh Ahana, Mondal Nitish, Krishan Kewal (2015)** Estimation of sex From index and ring finger lengths in an indigenous population of Eastern India. *Journal of Clinical and Diagnostic Research*. 9:HC01-HC05. doi: 10.7860/JCDR/2015/14940.6846
3. **Dorjee Binu, Das Sukanta, Mondal Nitish, Sen Jaydip (2015)** Dermatoglyphic variations among the Limbo of Sikkim, India. *Journal of Comparative Human Biology HOMO*. 66:455-70. doi: 10.1016/j.jchb.2015.02.010.
4. **Sen J, Mondal N, Ghosh P (2015)** Upper arm composition as an indicator of body composition and nutritional status of adolescent boys aged 10-18 years. *Journal of Nepal Paediatric Society* 35(2):151-160. doi: <http://dx.doi.org/10.3126/jnps.v35i2.13250>
5. **Melody Seb Rengma, Sen Jaydip, Mondal Nitish (2015)** Socio-economic, demographic and lifestyle determinants of overweight and obesity among adults of Northeast India. *Ethiopian Journal of Health Sciences*. 25:199-208. doi: <http://dx.doi.org/10.4314/ejhs.v25i3.2>
6. **Tigga Pushpa Lata, Mondal Nitish, Sen Jaydip (2015)** Effects of certain socio-economic, socio-demographic and life style factors on the prevalence of thinness among pre-school children of North Bengal, India. *Epidemiology, Biostatistics and Public Health*. 12:e10282-11. doi: <http://dx.doi.org/10.2427/10282>
7. **Tigga Pushpa Lata, Sen Jaydip, Mondal Nitish (2015)** Association of some socio-economic variables and socio-demographic variables with wasting among preschool children of North Bengal, India. *Ethiopian Journal of Health Sciences*. 25:63-72. doi: <http://dx.doi.org/10.4314/ejhs.v25i1.9>
8. **Mondal Nitish, Sen Jaydip (2014)** Role of Anthropometry in Assessment of Excess Adiposity and Metabolic Disorder in Asian Indian. In. K. Bose and R. Chakraborty (ed.) Health Consequences of Human Central Obesity. Nova Publishers, Hauppauge NY, pp. 71-84.
9. **Sen Jaydip, Kanchan Tanuj, Ghosh Ahana, Mondal Nitish, Krishan Kewal (2014)** Estimation of stature from lengths of index and ring fingers in a North-eastern Indian population. *Journal of Forensic and Legal Medicine*, 22:10-15. doi: 10.1016/j.jflm.2013.11.010.
10. **Sen Jaydip, Mondal Nitish (2013)** Fat mass and fat-free mass as indicators of body composition among Bengalee Muslim children. *Annals of Human Biology*. 40:286-293. doi:10.3109/03014460.2013.764014

11. Sen Jaydip, Mondal Nitish, Dutta Sweeta(2013) Factors affecting overweight and obesity among urban adults: a cross-sectional study. *Epidemiology Biostatistics and Public Health*. 10:e8741-1 – e8741-11 doi: [10.2427/8741](https://doi.org/10.2427/8741)
12. Sen Jaydip, Mondal Nitish (2012) Socio-economic and demographic factors affecting the Composite Index of Anthropometric Failure (CIAF). *Annals of Human Biology*. 39:129-136. doi: 10.3109/03014460.2012.655777
13. Sen Jaydip, Mondal Nitish, Dey Sima (2011) Assessment of the nutritional status of children aged 5-12 years using upper arm composition. *Annals of Human Biology*. 38: 752-759. doi: 10.3109/03014460.2011.610358.
14. Sen Jaydip, Dey Sima, Mondal Nitish (2011) Conventional nutritional indices and Composite Index of Anthropometric Failure: which seems more appropriate for assessing under-nutrition among children? A cross-sectional study among school children of the Bengalee Muslim Population of North Bengal, India. *Italian Journal of Public Health*. 8: 172-185. doi: 10.2427/5659
15. Sen Jaydip, Kanchan Tanuj, Mondal Nitish (2011). A comparison of palmar dermatoglyphics in two ethnic Indian populations of north Bengal, India. *Journal of Forensic Science*. 56:109-117. doi: 10.1111/j.1556-4029.2010.01554.x.
16. Sen Jaydip, Kanchan Tanuj, Shila Ghosh (2011). Sex estimation from foot dimensions in an indigenous Indian population. *Journal of Forensic Science*. 56 Suppl 1:S148-53. doi: 10.1111/j.1556-4029.2010.01578.x.
17. Mondal Nitish, Sen Jaydip (2010a). Prevalence of undernutrition among children (5-12 years) belonging to three communities residing in a similar habitat in North Bengal, India. *Annals of Human Biology*. 37:198-216. doi: 10.3109/03014460903341844
18. Mondal Nitish, Sen Jaydip (2010b). Thinness is a major underlying problem among Indian children. *Journal of Tropical Pediatrics*. 56:456-458. doi: 10.1093/tropej/fmq014
19. Krishan K, Kanchan T, Ghosh A, Kanchan T, Ngangom C & Sen Jaydip (2010). Sex differences in fingerprint ridge density--causes and further observations. *Journal of Forensic Legal Medicine*. 17:172-173. doi: 10.1016/j.jflm.2009.12.003.
20. Sen Jaydip, Roy Arpita, Mondal Nitish (2010). Association of maternal nutritional status, body composition and socio-economic variables with low birth weight in India. *Journal of Tropical Pediatrics*. 56:254-259. doi:10.1093/tropej/fmp102.
21. Mondal Nitish, Sen Jaydip (2010c) Prevalence of stunting and thinness among rural adolescents of Darjeeling district, West Bengal, India. *Italian Journal of Public Health*. 7:54-61.
22. Sen Jaydip, Ghosh Shila (2008) Estimation of stature from foot length and foot breadth among the Rajbanshi: an indigenous community of North Bengal. *Forensic Science International*. 181:55.e1-55.e6. doi: 10.1016/j.forsciint.2008.08.009.
23. Sen Jaydip, Mondal Nitish (2008) Sex variation and Mongoloid strain in dermatoglyphic patterns among the Rajbanshi: an indigenous community of North Bengal. *International Journal of Anthropology*. 23:37-49.
24. Sen Jaydip, Das Chaudhuri Asit Baran (2008) Arsenic exposure through drinking water and its effect on pregnancy outcome on Bengalee women. *Archives of Industrial Hygiene & Toxicology*. 59:271-276. doi: 10.2478/10004-1254-59-2008-1871
25. Sen Jaydip, Chaudhuri Asit Baran Das (2007) Effect of arsenic on the onset of menarcheal age. *Bulletin of Environmental Contamination and Toxicology*. 79:293-296. doi:10.1007/s00128-007-9206-7.
26. Sen Jaydip (2007) Applications of trace element analysis in Biological Anthropology. In. *Proc. 2nd International Anthropological Congress, Athens, 5th – 10th June 2006*. Organized by the Anthropological Museum/Faculty of Medicine, University of Athens.
27. Sen Jaydip, Chaudhuri Asit Baran Das (2001) Choice of washing method of hair samples for trace element analysis in environmental studies. *American Journal of Physical Anthropology*. 115:289-291. doi: 10.1002/ajpa.1083
28. Sen Jaydip, Chaudhuri Asit Baran (1996) Human hair lead and copper levels in three occupationally unexposed population groups in Calcutta. *Bulletin of Environmental Contamination and Toxicology*. 57:321-326. doi: 10.1007/s001289900193

National publications:

29. Dorjee B, Sen J (2016) Estimation of stature from arm span, arm length and tibial length among Bengalee children aged 3-11 years. *Human Biology Review*, 5(2):128-145.
30. Tigga PL, Mondal N, Sen J (2016) Head circumference as an indicator of undernutrition among tribal pre-school children aged 2-5 years of North Bengal, India. *Human Biology Review*. 5(1):17-33.
31. Sen Jaydip, Tigga Pushpa Lata (2015) The effects of toxic trace elements in humans, with special reference to the toxic element mercury. In. Mithun Sikdar (ed.) *Human growth: the mirror of the society*. Delhi, B. R. Publishing Corporation, pp. 55-98.
32. Dorjee Binu, Mondal Nitish, Sen Jaydip (2014) Applications of dermatoglyphics in anthropological research: a review. *South Asian Anthropologist*. 14(2):171-180.
33. Ghosh Partha, Mondal Nitish, Sen Jaydip (2014) Evidence of a double burden of malnutrition among Rajbanshi adolescent boys. *South Asian Anthropologist*. 14(1):81-88
34. Sen Jaydip (2013) Studies on nutritional assessment with special focus on the tribes of West Bengal. In: P. Dash Sharma and D. Chatterjee (eds.) *Livelihood and Health: Issues and process in rural development*. Serial Publications, New Delhi, pp. 385-397.
35. Sen Jaydip, Mondal Nitish (2013) Ageing and Gerontological Issues, with Special Reference to India. *South Asian Anthropologist*. 12:157-169.
36. Sen Jaydip, Mondal Nitish (2012) Hair diameter and Medulla among the Rajbanshis of North Bengal. *Oriental Anthropologist*. 12:165-174.
37. Sen Jaydip, Mitra Kapil, Dey Sima (2012) Studies on Mid-Upper Arm Circumference with special reference to under-nutrition. *South Asian Anthropologist*. 10:135-145.
38. Sen Jaydip, Mitra Kapil, Dey Sima (2011) Nutritional status of pregnant women using mid-upper arm circumference and skin fold thickness. *South Asian Anthropologist*. 11:29-31.
39. Sarkar Debolina, Mondal Nitish, Sen Jaydip (2009) Obesity and Blood Pressure Variation among Kayastha Population of North Bengal, India. *Journal of Life Science*. 1: 35-43.
40. Mondal Nitish, Sen Jaydip (2009) Use of MUAC-for-height for the assessment of nutritional status of rural children. *South Asian Anthropologist*. 9:115-116.
41. Sen Jaydip (2009) Human head hair as an indicator of environmental lead exposure. *The Oriental Anthropologist*. 9:255-265.
42. Mondal Nitish, Sen Jaydip (2009) Use of body mass index to assess nutritional status and health: A review of the studies done in India. *South Asian Anthropologist*. 9:13-21.
43. Sen Jaydip (2008) Contributions of biological anthropologists in assessing human exposure to toxic elements with special reference to India. *South Asian Anthropologist*. 8:103.110.
44. Sen Jaydip (2008) Trace elements and their applications in Biological Anthropology. *Journal of the Indian Anthropological Society*. 43:83-92.
45. Sen Jaydip (2008) Trace elements and their applications in Biological Anthropology. *Journal of the Indian Anthropological Society*. 43:83-92.
46. Sen Jaydip (2007) Occupational exposure and trace elements in human scalp hair. In: Arnab Ghosh (ed.) *Environment, Drinking Water and Public Health*. Delhi, Daya Publishing; pp 72-84.
47. Sen Jaydip, Das Chaudhuri AB (1996) Hair trace element concentrations in the Bengalee Population. *Journal of Ecotoxicology and Environmental Monitoring*. 6:237-242.
48. Sen Jaydip (1996) Human scalp hair as an indicator of environmental lead pollution and lead exposure. *Journal of Human Ecology*. 7:2:133-141.
49. Sen Jaydip, Das Chaudhuri AB (1997) Relationship of human hair diameter and medulla with their copper and lead concentrations. *Indian Journal of Physical Anthropology and Human Genetics*. 20:2:177-183.

50. **Sen J, Chaudhuri ABD (1995)** Trace element analysis of human hair in physical anthropology. *Journal of the Indian Anthropological Society.* 30:3:259-268.
51. **Sen J (1995)** Further studies on the relationship between hair diameter and incidence of medulla. *Journal of Human Ecology.* 6:3:185-190.