

Dr. Sudesna Chanda.



Designation: Associate Professor and head, department of Anthropology, Haldia Government College, West Bengal Education Service (WBES).

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Area of interest: Physical Anthropology, Evolution Biology, Forensic Anthropology, Primatology, Epidemiology, Population Biology, Biocultural studies.

Specialised in : Physical Anthropology and Human Genetics.

Educational Qualification:

- Ph. D in Physical Anthropology in 2009 from Calcutta University.
- M. Sc in Anthropology in the year 2001 from Calcutta University. Stood ***First class first in the University.***
- Qualified UGC NET in the year 2004.

Some important academic achievements

- Received ISCA **Young Scientist Award** from the **Indian Science Congress Association** in the year 2006. Received the award from the then president of India, **Dr APJ Abdul Kalam.**
- Received T.C Roy Choudhury Memorial **Silver Medal Award** from Anthropological society Of India for Academic excellence in India in 2002.
- Received President **Gold Medal Award** from Calcutta University in 2001.
- Received **National Scholarship** from Indian Government for academic excellence in the year 2001.
- Nominated for Women Scientist Award from International Benevolent Research Forum Scotland in the year 2007.

Some important Publications:

1. Chanda S, On the variation of primate's head hair: An insight into Primate evolution; BOOK edited: ISBN 978-620-4-18191-2 **Lambert Academic Publishing. Republic of Moldova, Europe. July 2020.**
2. Chanda S , Covid 19 Pandemic: A biosocial approach of understanding, International Journal of Applied Social Science: Volume 8 (3 - 6), March - June (2021): 150-155.
3. Chanda S , SIDE EFFECTS OF COVID VACCINES AMONG THE BENGALI INDIAN POPULATION: AN ANTHROPOLOGICAL REPORT. **Lambert Academic Publishing. Republic of Moldova, Europe. September 2021.**
4. Chanda S, Covid 19 and pandemic World: An Anthropological Report; chapter in book titled – Science of Covid 19- People and society edited by Atanu Saha, published by **Avenel Press Delhi.**
5. Chanda S, “Variation in shaft and medullary diameter in Primates head hair, Uttar Pradesh Journal of Zoology, 2022, Vol (43) Issue 8, Page 65-75.
6. Kar A, Roy Tapadar J, Chatterjee D, Chanda S, Ghosh J R and Bandyopadhyay A R. 2007. A Study on Variation and Sexual Dimorphism of Handwriting in Bengali Population. Journal of the Department of Anthropology, University of Calcutta. 10-11: 1-9 (ISSN: 2249-6181).
7. Chatterjee, D.; Bandyopadhyay, A.R. Chanda S ,Relationship between anthropometric measures and body composition among the Santal children of Galudih, Jharkhand. The Anthropologist. 2006, Vol-8, No-4, pp- 241-243.
8. Chanda S, “Variation in some of the hair histological variables in Primates”, 2005. The Anthropologist, Vol 20: page 11-23.
9. Khatoon Z, Tapadar JR, Chatterjee D, Chanda S, Ghosh JR, Bandyopadhyay Arup R. 2008.

Relationship between anthropometric measures and body composition among Muslim females of West Bengal, India. Anthropologischer Anzeiger 66 (3):349-353. [PMID: 18924572] [IMF: 0.676] (Included in Worldscience.Org as Sample records for including anthropometric measurements) [Germany]
10. Chanda S. Significance of Anthropological approach in museological studies. Journal of the Department of Museology, University of Calcutta. Volume 9, page 69-73. 2015.
11. Chanda S and Bandyopadhyay A R, Sexual Dimorphism in the hair histological characters among the adult Bengali population of Kolkata , Indian Journal of Physical Anthropology and Human genetics. Vol 25 (No 1), 111-117, 2006.
12. Chatterjee D, Chanda S & Bandyopadhyay A R, “A Comparative Study on Anthropometry and Central Body Fat Distribution of Pre-menarcheal and Post-menarcheal Santal Girls of Jharkhand”, Tribes and Tribals, Vol :3, Pages 133-136 | Published online: 03 Oct 2017.

13. Chanda S, "Evolution of Primates Head hair", 2007, The Anthropologist, Vol 26 (1) : page 103-109.
14. Chanda S, "Variation in cuticular structure of Primates head hair, Uttar Pradesh Journal of Zoology, 2021, Vol (39) Issue 6, Page 55-65.
15. Chanda S , Risk of Chromosomal damage as cancer Initiator among the cell phone users: A call for management Practice. Chapter in book , "Behavioural Science in Management Practice" edited by Prof. Sitanath Mazumdar and Prof Sharmistha Banerjee, Published by the Department of business management and academic Staff College, **Calcutta university press**. ISBN of 978-81-927807-1-9
16. Chanda S, Human head hair and its evolutionary significance. Book edited. ISBN 978-533-3-19135-5, **Lambert Academic Publishing. Republic of Moldova, Europe. January 2021.**
17. Chanda S , Research Tradition in Biological Anthropology: The Past Emerges into the Light of Present. Chapter in Edited Book . Anthropological Research in India Retrospect and Prospects Edited by Banerjee A, Makal A and Polley K , 2023. **LEXINGTON BOOKS**, Lanham • Boulder • New York • **London**, ISBN 978-1-66693-710-7, Page 30 -45.

Presentations at some important International Conferences and Seminars

1. *Chanda Sudesna* , **Variation of Primates head Hair**. ISCA , International conference of Indian Science congress association in 2005 at Ahmedabad. This paper won the ISCA **Young Scientist award** in the section of Anthropology and behavioural science.
2. *Chanda Sudesna*. **Evolution of Primates Head hair**. ISCA International conference of Indian Science Congress association held at Hyderabad 2006.
3. *Chanda Sudesna*. **Evolution of Human hairlessness** , third Annual International Conference of Pashchimanga Anchalik Itihaas O sanskritik charcha Kendra at Bidhannagar college. 2017
4. *Chanda Sudesna*, **On the Variation of Primate head hair**. International conference of Indigenous people, Human security and sustainable development: Emerging challenges in present global context. 19-21 January 2018. organized by human rights commission, Department of Anthropology, West Bengal state University and Indian Counsel of Medical Research.
5. *Chanda Sudesna* , **Health and Nutritional issues among the tribal tea garden workers of Maal Bazar, North Bengal**, International conference of Indigenous people, Human security and sustainable development: Emerging challenges in present

global context. 19-21 January 2018. organized by human rights commission, Department of Anthropology, West Bengal state University and Indian Council of Medical Research.

6. Chanda Sudesna , “**Anthropology of Covid Pandemic**”. International webinar on “The emerging Pandemic crisis: Physiological and socio-environmental imperatives. Organized by Physiology Department, Sister Nivedita Government general degree college for girls in association with IQAC on 3rd August 2020.
7. Chanda Sudesna, “**Primates Head Hair: An evolutionary enigma**”, 11th IUAES-WAU, World Anthropology Congress, 2023 held at New Delhi.
8. Chanda Sudesna, “ **Fieldwork in Biological anthropology**” 53rd annual conference and International seminar of Anthropological society of India, 2024, Jointly organized by the Anthropological Society of India and Post Graduate department of anthropology, Bidhannagar College.

Project Experience with funding agencies:

- *On the variation of Primate head hair*, Minor Research Project. Funded by UGC and completed from Bidhannagar College. **Principal Investigator. UGC(2011 -2012) F.PSW- 054/07-08 (ERO). 0.45 lakhs**
- *A comparative study on Health and Nutritional status among the tribal and nontribal working women of North Bengal*. Minor Research Project Funded by UGC and completed from Bidhannagar College. **Principal Investigator. UGC (2013 – 2014) PHW-196 /14-15(ERO) , 2.5 Lakhs.**
- Worked as Field assistant in **UGC ASIHSS** sponsored project from 1.8.2005 to 1.11.2006 at the Department of Anthropology under the supervision of professor Arup Ratan Bandyopadhyay.

Teaching Experience

- Joined West Bengal Education Service as Assistant professor on 2.11.2006.
- Associate professor since 2021.
- Served as a Part time lecturer in Bangabasi Morning College from 2004-2005.
- Served as Invited Faculty (without remuneration) in the department of Museology, Calcutta University from 2016-2017 on one day a week basis.

Research Guidance of some important Research Projects/ Dissertation works

- “A comparative study on some craniometric features of modern human skulls from two different regions of West Bengal (24 Parganas and Contai)”. Research completed and report submitted on 2025. Work done at the Laboratory of Anthropological Survey of India (Eastern regional Office) By dissertation student Madhurima Shome, Post Graduate Department of Anthropology, Bidhannagar College.
- “A brief comparative study of physiological and behavioral changes during menstruation between two age groups of Bengali women”. Research completed and report submitted on 2024. Work done at different urban areas of Kolkata, West Bengal by dissertation student Shaoni Mukherjee, Post Graduate Department of Anthropology, Bidhannagar College.
- “Impact of thyroid imbalances on menstrual health”. Research completed and report submitted on 2024. Work done at different urban areas of Kolkata, West Bengal by dissertation student Sayantika Das, Post Graduate Department of Anthropology, Bidhannagar College.
- A Comparative Study on Growth Patterns of School Going Bengali and Non- Bengali Boys and Girls of 5 Years to 10 Years, at North 24 Parganas, in Dumdum Area, Kolkata. Work done at different urban areas of Kolkata, West Bengal. 2022 by dissertation student Sayani Gangopadhyay, Post Graduate Department of Anthropology, Bidhannagar College.
- A Comparative Study on Growth Patterns of School Going Bengali and Non- Bengali Boys and Girls of 7 Years to 9 Years, at North 24 Parganas, in Dumdum Area, Kolkata. Work done at different schools from urban areas of Dum Dum, West Bengal. 2022 by dissertation student Jyoti Bhagat, Post Graduate Department of Anthropology, Bidhannagar College.
- “Side Effect s of Covid 19 Vaccination and its Association with Age, Sex, Blood Types and Comorbidity: A brief Anthropological Report”. 2021. Work done at different urban areas of Howrah, West Bengal. by dissertation student Afsara Rafique, Post Graduate Department of Anthropology, Bidhannagar College.
- “A Study on Nutritional Status and its Association with Socio-Economic Factors Among the Children: A Comparative Study Between some of the Urban and Rural Regions of West Bengal”. 2021. Work done by Ayantika Ghoshal, a dissertation student of Post Graduate Department of Anthropology.
- Anthropometric Assessment of Nutritional Status and its Association with Socio-Economic Factors Among the Children: A Comparative Study Between some of the Urban and Rural

Regions of West Bengal. 2021. Work done by Susmita Bannerjee, a dissertation student of Post Graduate Department of Anthropology, Bidhannagar College.

- “Anthropometric Assessment of Nutritional Status and its Association with Socio-Economic Factors Among the Children: A Comparative Study Between some of the Urban and Rural Regions of West Bengal”. 2021. Work done by Pradipta Samata a dissertation student of Post Graduate Department of Anthropology , Bidhannagar College
- “Diabetes and its Management Among the Elderly of Urban Neighbourhood in Shibpur.” Work done at different urban areas of Shibpur, Howrah by a dissertation student Kankana Basu, Post Graduate Department of Anthropology , Bidhannagar College
- A biological Anthropological Study to Understand if There is A Relation Between Patterns of Dermatoglyphics and Blood Group in Human. 2023. Work done among the Bengali and Marwari population of Kolkata by Saba Farhin a dissertation student of Post graduate Department of Anthropology, Bidhannagar College.

Organizer of some important International Seminars / Conferences

- Organizing Secretary of 53rd Annual Conference of The Anthropological Society of India, December ,2023.
- Organizing Secretary of Annual International conference of The Anthropological Society of India, held in Bidhannagar College, Kolkata, December ,2023.
- Organizing committee member, International conference of Indigenous people, Human security and sustainable development: Emerging challenges in present global context. 19-21 January 2018.organized by human rights commission, Department of Anthropology, West Bengal state University and Indian Counsel of Medical Research.
- Organizing Committee member, third Annual International Conference of Pashchimanga Anchalik Itihas O Sanskritik Charcha Kendra at Bidhannagar college. 2017.

Some Important Memberships

- **Life** Member of The Indian Science Congress association since 2005
- **Life** member of The Indian Anthropological society since 2015
- **Life** member of Pashchimbanga Anchalik Itihas O Sanskritik Charcha Kendra

Some Important academic courses attended:

- UGC sponsored Orientation Program (4.2.2013 – 4.3.2013) organized by UGC academic staff college Jadavpur University,
- UGC Sponsored Refresher Course (16.11.2013 – 6.12.2013) organized by UGC academic staff college, University of Calcutta.
- UGC Sponsored Refresher Course (1.2.2018 – 22.2.2018) organized by UGC academic staff college and Human resource development center, University of Calcutta.
- UGC Sponsored Short term Course (01.10.2021 – 09.10.2021) organized by UGC academic staff college and Human resource development center, University of North Bengal.
- Short Term Programme/Faculty Development on Photonic Quantum Key Distribution Network and its Realization (online mode) under the aegis of the Malaviya Mission Teacher Training Program, Ministry of Education, Government of India (25.6.2025 – 30.6.2025).

