

Dr. Jyoti Ratan Ghosh

Department of Anthropology

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Academic Qualifications: M.Sc., Ph.D.

Area of Specialization: Physical Anthropology

Research Area: Body Composition, Growth, Nutrition, Non-communicable Disease, Diabetes, Genetic Marker, Dermatoglyphics and Forensic Anthropology.

Award / Honour/ Medal:

1. Selected for “Gold Medal” award by the University of Calcutta
2. Nominated for “The President of India, Medal for the General Proficiency”.

Fellowship/ Scholarship:

1. Received National Scholarship of the Government of India.
2. UGC, DSA fellowship, Government of India.
3. Gansu International Fellowship, Peoples Republic of China.

Number of research scholars awarded Ph.D.: One

Research Papers in Journals:

Jyoti Ratan Ghosh. 2020. Sugar-sweetened beverages and obesity among children: a review. *South Asian Anthropologists*. 20: 169-175.

Priyanka Das, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh. 2020. Segmental body composition and its association with age and menopausal status. *Acta Morphologica Et Anthropologica*. 27:61-67.

Priyanka Dutta and Jyoti Ratan Ghosh. 2020. Nutritional status and body composition of ovarian cancer patients. *Antrocom Journal of Anthropology*. 16: 133-139.

Debashis Bhattacharjee and Jyoti Ratan Ghosh. 2019. Cephalic and Facial Indices among Adult Females of Kurseong. *Indian Journal of Research in Anthropology*. 5:11-14.

Priyanka Das, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh. 2019. Association between measures of obesity and hypertension in premenopausal urban Bengali women. *Human Biology Review*. 8: 115-125.

Swastika Roy and Jyoti Ratan Ghosh. 2019. Comparison of adiposity measures in the identification of adolescents with hypertension. *Sri Lanka Journal of Child Health*. 48:39-46.

- Debashis Bhattacharjee and Jyoti Ratan Ghosh. 2018. Estimation of stature from cephalofacial measurements in adult Nepali females of Kurseong. *Indian Journal of Research in Anthropology*. 4:13-16.
- Biswarup Dey, Piyali Das, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2017. A study on C line polymorphism among the Autistic patients of Bengalee Hindu caste population of West Bengal. *Journal of the Department of Anthropology*. 16-17: 59-65.
- Swastika Roy and Jyoti Ratan Ghosh. 2017. Hypertension in asian Indian children and adolescents:A systematic review on the prevalence and associated risk factors. *Journal of Life Science*. 9: 55-63.
- Jyoti Ratan Ghosh, Diptendu Chatterjee, Arup Ratan Bandyopadhyay.2017. A preliminary survey at Kangshabati, Dulung and Tarafeniriver valley in Midnaporedistrict: An exploration. *The Asian Man*. 11:155-158.
- Priyanka Dutts and Jyoti Ratan Ghosh. 2017. Obesity and overian cancer: a review. *North Bengal Anthropologists*. 5:30-37.
- Jyoti Ratan Ghosh, Piya Ghosh Dastidar, Biswarup Dey, Piyali Das, Arup RatanBandyopadhyay. 2016. Palmar dermatoglyphic traits in type 2 diabetes mellitus patients of Bengalee Hindu caste population of West Bengal, India: a cross-sectional study. *Journal of Biomedical Sciences*. 3:18-23.
- Jyoti Ratan Ghosh, Swastika Roy, Arup RatanBandyopadhyay. 2016. Anthropometric Indicators as Predictor of Hypertension in Immigrant Tamil Women. *Indian Journal of Research in Anthropology*.2: 29-33.
- Ipsita Mukherjee and Jyoti Ratan Ghosh. 2016. Menstrual Characteristics of Young Adults. *North Bengal Anthropologist*. 4: 164-169.
- Piya Ghosh Dastidar, Biswarup Dey, Arup Ratan Bandyopadhyay, Jyoti Ratan Ghosh. 2016. C-line Polymorphism and 4th Inter Digital Pattern in Type 2 Diabetes Mellitus Patients. *Indian Journal of Research in Anthropology*. 2:93-96.
- Jyoti Ratan Ghosh, Piya Ghosh Dastidar, Biswarup Dey and Arup Ratan Bandyopadhyay. 2016. Finger and palmar ridge pattern in NIDDM patients and controls. *Human Biology Review*. 5:86-91.
- Debdas Pramanik and Jyoti Ratan Ghosh. 2015. Knowledge and awareness of tuberculosis among pulmonary tuberculosis patients in a rural area of West Bengal. *SAARC Journal of Tuberculosis, Lung Diseases & HIV/AIDS*.XII:13-19.
- Jyoti Ratan Ghosh and Debdash Pramanik. 2015. Perception, health seeking behavior and attitudes of tuberculosis Patients. *PalliCharcha*. 2:39-48.

- Jyoti Ratan Ghosh, Rimpa Guin and Arup Ratan Bandyopadhyay. 2015. Estimation of Stature from Foot Measurements. *Indian Journal of Research in Anthropology*. 1:25-30.
- Jyoti Ratan Ghosh. 2015. Chronic Energy Deficiency among Tribal Women in West Bengal. *Journal of Women's Studies*. 6:26-33.
- Biswarup Dey, Jyoti Ratan Ghosh, Piyali Das, Arup Ratan Bandyopadhyay. 2015. A study on transpalmar distance among the autistic males of Bengalee Hindu caste population of West Bengal. *Clinical Dermatology*.3:41-43.
- Piyali Das, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2015. Association of finger ridge pattern and E-beta thalassemia: a study on Bengalee population of West Bengal, India. *Advances in Anthropology*. 5: 19-21.
- Biswarup Dey, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2014. A Study on palmar axial triradius among the Autistic patients of Bengalee Hindu caste population of West Bengal. *International Journal of Biomedical Research*. DOI:10.7439/ijbr
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2014. Estimation of stature from index and ring finger lengths. *Indian Journal of Physical Anthropology and Human Genetics*. 33: 23-29.
- Jyoti Ratan Ghosh. 2014. Undernutrition among rural children of West Bengal: a review. *Indian Journal of Rural Studies*. 1:40-47.
- Piyali Das, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2014. Palmar a-b ridge count in E- β thalassemia patients: A study on the Bengalee Hindu Caste Populations of West Bengal, India. *Human Biology Review*.3: 384-394.
- Priyanka Das, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh.2013-14.Family study on some head and face measurements.Nrtattv. 3-4:114-121.
- Jyoti Ratan Ghosh, Avipsa Sarkar. 2013. Prevalence of undernutrition among Santal children of Birbhum District, West Bengal, India. *Sri Lanka Journal of Child Health*.42: 147-150.
- Jyoti Ratan Ghosh, Arup Ratan Bandyopadhyay. 2013. Central adiposity and the risk of hypertension in Asian Indian girls. *World Journal of Pediatrics*. 9:256-260.
- Jyoti Ratan Ghosh, Arup Ratan Bandyopadhyay. 2012. Abdominal circumference as a screening measure for type 2 diabetes. *Kathmandu University Medical Journal*.10:12-15.
- Sanchita Mistry, Madhumita Chatterjee, Jyoti Ratan Ghosh, Nirmal Kumar Chakrabarti, Arup Ratan Bandyopadhyay. 2012. Variations of scalp, pubic and axillary hair. *AnthropologischerAnzeiger*. 69:117-25.
- Arup Ratan Bandyopadhyay, Diptendu Chatterjee, Madhumita Chatterjee, Jyoti Ratan Ghosh. 2011. Maternal fetal interaction in the ABO system: A comparative analysis of healthy

- mother and couples with spontaneous abortion in Bengalee population. *American Journal of Human Biology* ;23:76-9.
- Jyoti Ratan Ghosh, Madhumati Chatterjee, Wasim Raja, Arup Ratan Bandyopadhyay. 2011. Study on finger and palmar dermatoglyphics among the Sunni Muslims of West Bengal. *Anthropologist*. 13:107-109.
- Sovon Chakraborty. Abhijit Ghosal, Jyoti Ratan Ghosh. 2011. A comparative study on developmental aspects among the Lodhas of West Bengal. *Journal of Social Work and Social Development*. 2:113-131.
- Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh. 2010-11. Body mass index and excess adiposity. *Journal of the Department of Anthropology*. 12&13: 26-28.
- Diptendu Chatterjee, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh. 2010-11. A study on the association between risk score of CHD and obesity measures. *Journal of the Department of Anthropology*. 12&13: 47-50.
- Madhumati Chatterjee, Sudesna Chanda, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh. 2010-11. A study on evolutionary biology of hair medullation in primates. *Journal of the Department of Anthropology*. 12&13: 1-9.
- Sanchita Mistry, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2010. Histomorphological and Quantitative Characteristics of Black and Gray Human Scalp Hair. *Journal of Life Sciences*. 2: 49-52.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2009. Prevalence of thinness and overweight among urban adolescents of West Bengal, India. *Journal of Tropical Pediatrics*.55:340-1.
- Jyoti Ratan Ghosh, Sohini Basak and Arup Ratan Bandyopadhyay. 2009. A study on nutritional status among young adult Bengalee females of Kolkata: effect of menarcheal age and per capita income. *AnthropologischerAnzeiger*. 67:13-20.
- Zahira Khatoon, Diptendu Chatterjee, Sudesna Chanda, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2008. Relationship between anthropometric measures and body composition among Muslim females of West Bengal, India. *AnthropologischerAnzeiger*. 66: 349-353.
- Jyoti Ratan Ghosh, Sanchita Mistry, Abhisikta Ghosh Roy, Sohini Basak and Arup Ratan Bandyopadhyay. 2008. Relationship between adipose tissue distribution and fat mass in Bengalee males of Howrah, West Bengal. *Journal of the Indian Anthropological Society*. 43:287-292.

- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2007. Receiver operating characteristic curve analysis of BMI in assessing obesity among adult Bengalee males in India. *Collegium Anthropologicum*. 31:705-708.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2007. Waist circumference as a measure of total body fat in Asian Indians. *International Journal of Body Composition Research*. 5: 89-92.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2007. Comparative evaluation of obesity measures: relationship with blood pressures and hypertension. *Singapore Medical Journal*. 48: 232-235.
- Arayee Kar, Jayita Roy Tapadar, Diptendu Chatterjee, Sudesna Chanda, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2006-2007. A study on variation and sexual dimorphism of handwriting in Bengalee population. *Journal of the Department of Anthropology* .10&11: 1-9.
- Diptendu Chatterjee, Jyoti Ratan Ghosh, Sudeshna Chanda and Arup Ratan Bandyopadhyay. 2006. Relationship between anthropometric measurements and body composition among Santal girls aged between 6-18 years of Galudhi, Jharkhand, India. *Anthropologist*. 8: 241-243.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2006. Income, birth order, siblings and anthropometry. *Human Biology*. 78: 733-741.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2005. A study on cormic index among semi-urban Bengalee boys of West Bengal, India. *Collegium Anthropologicum*. 29:33-36.
- Jyoti Ratan Ghosh, Paramita Bhattacharjee and Arup Ratan Bandyopadhyay. 2005. Age at menarche and its relationship with some anthropometric variables among Bengali females of West Bengal, India. *Indian Journal of Physical Anthropology and Human Genetics*. 24: 177-185.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2005. A study on ABO blood group and cancer in a Bengalee population. *Indian Journal of Physical Anthropology and Human Genetics*. 24: 69-73.
- Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2005. A study on nutritional status of semi-urban Bengalee boys of West Bengal, India. *Journal of the Department of Anthropology*. 9:121-125.
- Jyoti Ratan Ghosh, Zahira Khatoon, Paramita Bhattacharjee and Arup Ratan Bandyopadhyay. 2005. A comparative study on anthropometric variables in two communities of West Bengal, India. *Anthropologist*. 7: 217-219.

Publication (Chapter) in Books:

- Jyoti Ratan Ghosh and Kaushik Bose.2020. Malnutrition and Childhood Infections. In Jyoti Ratan Ghosh and Kaushik Bose (Eds.), Contemporary issues in childhood malnutrition. Nova Science Publishers, Inc. New York. Pp. 169-184.
- Pikli Khanra, Kaushik Bose and Jyoti Ratan Ghosh.2020. Factors affecting thinness among children of Purba Medinipur, West Bengal. In Jyoti Ratan Ghosh and Kaushik Bose (Eds.), Contemporary issues in childhood malnutrition. Nova Science Publishers, Inc. New York. Pp. 169-184.
- Jyoti Ratan Ghosh. 2019. Sensitivity and specificity of body mass index to assess excess adiposity. In Mithun Das and Kaushik Bose (Eds.), Obesity and Syndrome X: A Global Public Health. Nova Science Publishers, Inc. New York. Pp.215-225.
- Piyali Das, Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay.2018. Finger ridge counts and atd angle among E-b-thalassemia patients of Bengalee Hindu caste population of West Bengal. In Dipak Kumar Adak and Anand Murti Misra (Eds.), Recent Trends in Dermatoglyphic Research. B.R. Publishing Corporation, India. Pp. 141-151.
- Swastika Roy and Jyoti Ratan Ghosh. 2017. A study on nutritional status of adult santals in Kaligange, Birbhum, West Bengal. In Irin Mustafa Mondal and Tirthankar Mandal (Eds.), Sustainable Development: Challenges Faced by the Women and Backword Communities in Rural India. Ashadeep Publisher, Kolkata. Pp. 316-325.
- Priyanka Dhara and Jyoti Ratan Ghosh. 2017. A comparative study on nutritional status of adult Bengali women. In Irin Mustafa Mondal and Tirthankar Mandal (Eds.), Sustainable Development: Challenges Faced by the Women and Backword Communities in Rural India. Ashadeep Publisher, Kolkata. Pp. 327-336.
- Jyoti Ratan Ghosh. 2016. Socioeconomic status, blood pressure and hypertension. In Slawomir Koziel, Raja Chakraborty, Kaushik Bose (Eds.), Biological Implications of Human Mobility. Nova Science Publishers, Inc. New York. Pp. 41-54.
- Jyoti Ratan Ghosh. 2016. Undernutrition Among Adult Santal Tribes of Birbhum, West Bengal, India: A Comparison of Body Mass Index and Mid-upper-arm Circumference. In Nitish Mondal and Jaydip Sen (Eds.), Nutrition and Health among Tribal Populations of India. B.R. Publishing Corporation, India. Pp. 235-244.
- Jyoti Ratan Ghosh. 2016. Nutritional status of Santal children in two villages of Birbhum district, West Bengal. In Rajesh K. Gautam and Prasanna K. Patra (Eds.), Human growth and nutrition: a biocultural synthesis. Kalpaz Publications, Delhi. pp. 235-244.
- Jyoti Ratan Ghosh. 2014. Factor analysis of anthropometric variables as risk factors for type 2 diabetes: with a special reference to central obesity. In Kaushik Bose and Raja

Chakraborty (Eds.), Health consequences of human central obesity. Nova Science Publishers, Inc. New York. pp. 163-170.

Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay. 2012. Assessing obesity in adult Bengalee males in India. In Subir Biswas (Eds.), Human Health: A Bio-cultural Synthesis. Concept Publishing Company Pvt. Ltd. New Delhi. Pp. 154-158.

Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay . 2011. Does overweight influence foot structure in adult? In TuluttomaBaruha (Eds.), People of contemporary North-East India. Pratisruti Publication, Guwahati. pp. 38-48.

Jyoti Ratan Ghosh, Tapashree Rakshit, Diptendu Chatterjee and Arup Ratan Bandyopadhyay. A comparative study on anthropometric variables between normotensive and hypertensive immigrant Tamil women. In Ranjana Ray (Eds.), Adapting to Changing Environment: Studies in Anthropology. 2005. Calcutta University Press, University of Calcutta, Kolkata. pp. 22-28.

Books:

Jyoti Ratan Ghosh and Kaushik Bose (Eds.). 2020. Contemporary issues in childhood malnutrition. Nova Science Publishers, Inc. New York.

Reviewer of International Journals:

- A. Journal of Tropical Pediatrics
- B. Journal of Food Science and Nutrition Therapy
- C. Therapy
- D. The Medical Science Monitor
- E. Annals of Human Biology
- F. Indian Journal of Medical Sciences
- G. Journal of Obesity and Overweight

Editorial board member:

- A. Indian Journal of Research in Anthropology
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