

1. FACULTY



Dr. Banibrata Das
Assistant Professor &HOD
Department of Physiology
South Calcutta Girls' College
Email address: dr.banibrata@gmail.com
banibrata@southcalcuttagirlscollege.com

Google Scholar

Citations- 1002

h- index- 19

i 10 index-23

Scopus

Citations- 410

h- index-15

Research Gate

Citations- 541

RG Score- 20.66

Publons (Web of Sciences)

Citations- 234

h- index-11

Academic Qualification- M.Sc in Human Physiology, B.Ed, Ph.D

Specialization- Ergonomics, Public & Occupational Health

Research Interest- Ergonomics and Public Health

Total No of Publication = 50

Total No of Publication in Peer reviewed Journal- 45

International – 37

National – 08

**Total number of Conference
attended**

International – 04

National – 08

➤ **MEMBER OF EDITORIAL BOARD:**

Ergonomics International Journal

➤ **CHAIRPERSON**

Seminar on Ergonomics & Safety at Work (SESW) Manipal College of Medical Sciences Pokhara (Nepal) & Pokhara University (Nepal) 2009

➤ **INVITED LECTURES**

Sri Sri University at Cuttack “Ergonomics for Prevention of Accidents, Safety and Productivity: In Agricultural Sector. Dated- 09.08.2020

➤ **PRINCIPAL INVESTIGATOR:**

UGC Minor Research Project: An ergonomics study on occupational health problems of workers in unorganized sector of West Bengal and its probable management. (UGC). UGC Reference No. F. PSW-147/11-12 (ERO). Dated- 25.01.2012

Publications

Sl No	Title	Year of Publication	Journals Name	ISSN No.
1.	Ergonomic and psychosocial risk factors for low back pain among rice farmers in West Bengal, India Das B	2021, Accepted (in press) DOI number 10.3233/WOR-210433	Work: A Journal of Prevention, Assessment & Rehabilitation IOS Press, Netherland IF – 1.505	1051-9815
2.	Assessment of ergonomic exposure, work-related occupational injuries and prevention: child work in the brickfield industry in India. Das B	2021, 37(8), 481-495	Toxicology and Industrial Health 2020, 36 (5), 371-385 Sage Publication IF – 2.273	0748-2337
3.	Improved work organization to increase the productivity in manual brick manufacturing unit of West Bengal, India Das B	2021, 81, 103040	International Journal of Industrial Ergonomics (Elsevier) Netherland IF- 2.656	0169-8141
4.	Occupational agricultural injuries among the preadolescent workers of West Bengal, India. Das B and Gangopadhyay S.	2021, 33 (4), 20180178.	International Journal of Adolescent Medicine and Health. Walter de Gruyter Publication (Germany)	2191-0278

5.	Prevalence of work-related occupational injuries and its risk factors among brickfield workers in West Bengal, India Das B	2020, 80 103052	International Journal of Industrial Ergonomics (Elsevier) Netherland IF- 2.656	0169-8141
6.	Effects of Awkward Posture on Work-Related Musculoskeletal Disorders (WMSDs) among Sawmill Workers in India Das B	2020, 9 (3), 158- 166	Journal of Occupational Health and Epidemiology Rafsanjan University of Medical Sciences (Iran)	2251-8096
7.	Work-related injuries, postural stress, and musculoskeletal disorders among the railway track maintainers of India Das B.	2020, 36 (5), 371-385	Toxicology and Industrial Health 2020, 36 (5), 371-385 Sage Publication IF – 2.273	0748-2337
8.	Effect of Ergonomic Intervention on Health and Safety of Informal Workers at India Ghosh T, Gangopadhyay S, Das B	2020, 24 (4); S15-S16.	Indian Journal of Occupational and Environmental Medicine. (MedKnown Publisher)	0973-2284
9.	Prevalence of respiratory symptoms and respiratory disorders among carpenters in India. Das B.	2019; 48 (2); 83-91.	Journal of Ergology J Stage (Tokyo)	0300-8134
10.	Gender Differences in Prevalence of Musculoskeletal Disorders and Physiological Stress among the Brick Field Workers of West Bengal, India. Das B.	2019, 63 (3); 389- 403.	Work: A Journal of Prevention, Assessment & Rehabilitation IOS Press, Netherland IF – 1.505	1051-9815
11.	Health hazards and risks for musculoskeletal problem among child labour in brickfield sector of West Bengal, India. Das B.	2019, 11 (4); 250- 257.	International Health, Oxford University Press IF – 1.664	1876-3413
12.	Assessment of Sustainable Development of New Ergonomics Aid for the Betterment of Job Procedure in Ridging Activity in Potato Cultivation among the Farmers of West Bengal, India. Das B.	2019, 3 (1): DOI: 10.23880/eoij-16000189	Ergonomics International Journal (Medwin Publisher, UK) IF – 1.578	2577-2953

13.	Thermal stress, cardiovascular stress and work productivity among the female brick field workers of West Bengal, India. Das B.	2018; 47, 1-11.	Journal of Ergology J Stage (Tokyo)	0300-8134
14.	Prevalence of Malnutrition among the Preadolescent Brickfield Workers of West Bengal, India. Das B.	2018; 8 (5), 36-44.	International Journal of Health Science and Research IF – 3.21	2249-9571
15.	Physical Exertion, Thermal stress affects the Cognitive Performance on Adolescent Farmers of West Bengal, India. Das B and Ghosh T	2018; 8 (2), 13 – 18.	International Journal of Occupational Safety and Health (Nep-Jol)	2091 –0878
16.	Anthropometric profiles and assessment of nutritional status based on body mass index (BMI) among the prawn seed collectors of Sunderban, West Bengal, India. Das B.	2017; 23, 16 – 23.	Indian Journal of Biological Sciences	0972-8503
17.	Assessment of respiratory symptoms and lung function values among the brick field workers of West Bengal, India. Das B.	2016; 71(4): 222-230	Archives of Environmental and Occupational Health. Taylor & Francis IF – 1.180	1933-8244
18.	An evaluation of low back pain among female brick field workers of West Bengal, India. Das B.	2015; 20, 360- 368	Environmental Health and Preventive Medicine. Springer Publication	1342-078X
19.	Gender differences in prevalence of musculoskeletal disorders among the rice farmers of West Bengal, India. Das B.	2015; 50 (2), 229-240	Work: A Journal of Prevention, Assessment & Rehabilitation IOS Press, Netherland IF – 1.505	1051-9815
20.	Prevalence of Musculo skeletal disorders and physiological stress among adult male potato cultivators of West Bengal, India. Das B.	2015 27 (2), NP1669-1682.	Asia Pacific Journal of Public Health. SAGE Publication IF – 1.459	1010-5395
21.	Assessment of Occupational health problems and Physiological stress among the brick field workers of West Bengal, India. Das B.	2014; 27 (3), 413-425	International Journal of Occupational Medicine and Environmental Health Springer Publication IF – 1.541	1232-1087

22.	Prevalence of Respiratory Symptoms and Disorders among Rice Mill Workers in India. Ghosh T, Gangopadhyay S, Das B	2014; 19, 226 233.	Environmental Health and Preventive Medicine. Springer Publication	1342-078X
23.	Prevalence of work-related musculoskeletal disorder among the brick field workers of West Bengal, India. Das B.	2014; 69(4): 231-240.	Archives of Environmental and Occupational Health. Taylor & Francis Publication IF – 1.180	1933-8244
24.	Agricultural work-related injuries among the farmers of West Bengal, India. Das B.	2014;21(3): 205-215.	International Journal of Injury Control and Safety Promotion. Taylor & Francis Pub IF – 1.342	1745-7300
25.	Prevalence of Musculo Skeletal Disorder and Occupational Health Problem among Groundnut Farmers of West Bengal, India. Das B, Ghosh T, Gangopadhyay S.	2013; 42 (1), 1-12.	Journal of Ergology J Stage (Tokyo)	0300-8134
26.	Estimation of maximum oxygen uptake by evaluating cooper 12-min run test in female students of West Bengal, India. Das B.	2013, 8(4), 1008-1014	Journal of Human Sport Exercise (Spain)	1988-5202
27.	Child Work in Agriculture in West Bengal, India: Assessment of Musculoskeletal Disorders and Occupational Health Problems. Das B, Ghosh T, Gangopadhyay S.	2013; 55 (4) 244-258	Journal of Occupational Health. Wiley On line Library Publication IF – 2.708	1348-9585
28.	Assessment of Ergonomical and Occupational Health Related Problem Among the Female Prawn Seed Collectors of Sunderban, West Bengal, India Das B, Ghosh T, Gangopadhyay S.	2012; 18(4):531-540.	International Journal of Occupational Safety and Ergonomics. Taylor & Francis Publication IF – 1.601	1080-3548
29.	An ergonomics evaluation of posture related discomfort and occupational health problems among rice farmers. Das B, Gangopadhyay S.	2011, 10 (1-2), 25- 38.	Occupational Ergonomics. IOS Press Publication (Netherland)	1359-9364

30.	Peak Expiratory Flow Rate among Child Labourers in West Bengal, India. Das B, Ghosh T, Gangopadhyay S.	2011, Vol 48 (6), 487 – 488.	Indian Pediatrics. Springer Publication IF – 1.163	0019- 6061
31.	A Comparative Ergonomic Study of Work-Related Upper Extremity Musculo Skeletal Disorder among the Unskilled and Skilled Surgical Blacksmiths in West Bengal, India. Ghosh T, Das B, Gangopadhyay S.	2011, 15 (3), 127- 132.	Indian Journal of Occupational and Environmental Medicine. Medknow Publishers	0973-2284
32.	A Study on Factors of Dissatisfaction and Stress of the Blacksmiths Resulting from the Organizational Culture in Surgical Instrument Industry of India. Ghosh T, Das B, Gangopadhyay S.	2011, 20 (2), 124- 30.	Industrial Psychiatry. Medknow Publishers	0972-6748
33.	Assessment of Ergonomical and Occupational health related problems among VDT workers of West Bengal, India. Das B, Ghosh T.	2010; 1, 26 – 31.	Asian Journal of Medical Science (Nepal)	2467-9100
34.	A Comparative study of Physical Fitness Index (PFI) and predicted Maximum Aerobic capacity (VO2 max) among the different groups of female students in West Bengal, India. Das B, Ghosh T, Gangopadhyay S.	2010, 22 (1), 13 – 23.	International Journal of Sports and Health Sciences (Korea)	1598- 2939
35.	Work-related musculoskeletal disorder: An occupational disorder of the goldsmiths in India. Ghosh T, Das B, Gangopadhyay S.	2010, 35(2), 321 – 325.	Indian Journal Community Medicine. Medknow Publishers	0970- 0218

36.	Effect of Working Posture on Occurrence of Musculoskeletal Disorders among the Sand Core Making Workers of West Bengal. Gangopadhyay S, Ghosh T, Das T, Ghosal G, Das B.	2010, 18 (1), 44 – 48.	Central European Journal of Public Health IF – 0.653	1210-7778
37.	An Ergonomic Study on Posture Related Discomfort and Occupational Related Disorders among Stone Cutters of West Bengal, India. Gangopadhyay S, Das B , Das T, Ghosal G, Ghosh T,	2010, 16 (1), 69 – 79.	International Journal of Occupational Safety and Ergonomics. Taylor & Francis Publication IF – 1.601	1080-3548
38.	Ergonomics study on musculoskeletal disorders among female agricultural workers of West Bengal, India. Gangopadhyay S, Das B , Das T, Ghosal G, Ghosh T, Dev S, Ara T.	2009, 21(1), 11-22.	Ergonomics SA (Ergonomics Journal of South Africa)	1010-2728
39.	The prevalence of musculoskeletal disorder (MSD) among the prawn seed collectors of Sundarbans. Gangopadhyay S, Das B , Das T,	2008, 37 (2), 83-90.	Journal of Ergology J Stage (Tokyo)	0300-8134
40.	Prevalence of Upper limb Musculo Skeletal Disorders among Brass Metal Workers in West Bengal, India. Gangopadhyay S, Ghosh T, Das T, Ghosal G, Das B.	2007, 45, 365- 370.	Industrial Health (J Stage, Japan) IF – 1.319	0019-8366
41.	Impact of Injuries on Work Performance among the Surgical Blacksmiths of West Bengal. Gangopadhyay S, Ghosh T, Das T, Ghosal G, Das B.	2007, 14(, 2), 85-92.	Injury Control and Safety Promotion. Taylor & Francis Publication IF – 1.342	1745-7300
42.	The Prevalence of Musculoskeletal Disorders among Pre-adolescent Agricultural Workers of West Bengal, India. Gangopadhyay S, Das B , Das T, Ghosal G.	2006, 18 (1), 14-21.	Ergonomics SA (Ergonomics Journal of South Africa)	1010-2728
43.	An Ergonomic Study on Posture-Related Discomfort among Preadolescent Agricultural Workers of West Bengal, India. Gangopadhyay S, Das B , Das T, Ghosal G.	2005, 11(3), 315 – 322.	International Journal of Occupational Safety and Ergonomics. Taylor & Francis Publication IF – 1.601	1080-3548

44.	Prevalence of Musculoskeletal Disorders among pre-adolescent agricultural workers of West Bengal, India. Gangopadhyay S, Das B , Das T, Ghosal G.	2004, 16 (1), 2-14.	Ergonomics SA (Ergonomics Journal of South Africa)	1010-2728
45.	An Ergonomic Study on the Development of Musculoskeletal Disorders among the Fixed Load and Variable Load Handling Workers of Kolkata. Gangopadhyay S, Das T, Ghosal G. Das B	2003, 9, 37-45.	Indian Journal Biological of Sciences	0972-8503

Sl No.	Chapter in books	Year of Publications	Books	ISBN No.
	Title			
1	An Ergonomic Evaluation of Spading Activity among the Child Labours in Agricultural Sector in West Bengal, India. Das B, Gangopadhyay S.	2010, pp 235– 246.	Ergonomic for Everyone, Chapter X Ergonomics in Intervention and Design. edited by Somnath Gangopadhyay. Allied Publisher Pvt.Ltd,	(978-81-910303-0-3)
2	Study on the prevalence of musculoskeletal disorders among agricultural workers of West Bengal, India. Das B, Gangopadhyay S.	2009, pp-96-104.	Women in Agriculture in Developments in Agricultural and Industrial Ergonomics, Vol 2:Women at Work, edited by L.P.Gite, C.R.Mehta, Nachiket Kotwaliwale and Joydeep Majumder, Allied Publisher Pvt.Ltd,	978-81-8424-449-6
3	Concept of metropolitan city students on the design of a safe school bus : A participatory ergonomics study Dev S, Das B, Gangopadhyay S	2009, pp-12-18.	Anthropometry and Work place Design in Developments in Agricultural and Industrial Ergonomics, Vol 1: General Studies, edited by L.P.Gite, C.R.Mehta, Nachiket Kotwaliwale and Joydeep Majumder, Allied Publisher Pvt.Ltd,	978-81-8424-449-9
4	A Comparative Analysis on Work-related Musculoskeletal Disorders between different groups of Workers in West Bengal, India. Das B, Gangopadhyay S.	2008, pp- 491-496	Humanizing Work and WorkEnvironment, Vishwakarma Institute of Technology,Pune, Edited by Hemant Abhyankar, Shriram M. Sane, Prakesh R. Vaidya, Vinayak M. kale, Published by Vishwakarma Institute of Technology, Pune, Printed at Kalyani Corporation	978-81-906198-2-0
5	Comparative Study of Peak Expiratory Flow Rate among the Child Labour in West Bengal, India.	2006, pp 297-304.	Humanizing Work and Work Environment, Indian Institute of Technology, Guwahati, Assam, Edited by Debkumar Chakrabarti Published by Allied Publishers Private Limited (India),	81-8424-124-0