

## 1. FACULTY



**Dr. Banibrata Das**  
**Assistant Professor &HOD**  
**Department of Physiology**  
**South Calcutta Girls' College**  
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### Google Scholar

**Citations- 1257**

**h- index- 21**

**i10 index-28**

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### Scopus

**Citations- 552**

**h- index-15**

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### Research Gate

**Citations- 730**

**h- index-16**

**Research I Score-403**

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### Publons (Web of Sciences)

**Citations- 290**

**h- index-12**

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**Academic Qualification- M.Sc. in Physiology, Ph.D.**

**Specialization- Ergonomics, Public & Occupational Health**

**Research Interest- Ergonomics and Public Health**

**Total No of Publication = 60**

**Total No of Publication in Peer reviewed Journal- 48**

**International – 40**

**National – 08**

**Total number of Conference  
attended**

**International – 04**

**National – 08**

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➤ **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.	Work-related Musculoskeletal Disorders in Agriculture: Ergonomics risk assessment and its prevention among Indian farmers <b>Banibrata Das</b>	2023; (Accepted)	<b>Work: A Journal of Prevention, Assessment &amp; Rehabilitation</b> IOS Press, Netherland IF – 1.802	1051-9815
2.	Prevalence and associated risk Factors of musculoskeletal Disorders (MSDs) and physiological stress among the female brick molders of West Bengal, India <b>Banibrata Das</b>	2022; 33 (1), 12-21.	<b>Journal of the Ergonomics Society of South Africa</b>	1010-2728
3.	Ergonomic and psychosocial risk factors for low back pain among rice farmers in West Bengal, India. <b>Banibrata Das</b>	2022; 72, 967-977.	<b>Work: A Journal of Prevention, Assessment &amp; Rehabilitation</b> IOS Press, Netherland IF – 1.802	1051-9815
4.	The effects of using an ergonomic aid on the physical workload and body discomfort reported by pre-adolescent farmers in West Bengal, India. <b>Banibrata Das, Somnath Gangopadhyay, Tirthankar Ghosh</b>	2021; 70, 571-582.	<b>Work: A Journal of Prevention, Assessment &amp; Rehabilitation</b> IOS Press, Netherland IF – 1.802	1051-9815

5.	Assessment of ergonomic exposure, work-related occupational injuries and prevention: child work in the brickfield industry in India. <b>Banibrata Das</b>	2021; 37(8),481-495	Toxicology and Industrial Health Sage Publication IF – 2.273	0748-2337
6.	Improved work organization to increase the productivity in manual brick manufacturing unit of West Bengal, India <b>Banibrata Das</b>	2021; 81, 103040	International Journal of Industrial Ergonomics (Elsevier) Netherland IF- 2.656	0169-8141
7.	Occupational agricultural injuries among the preadolescent workers of West Bengal, India. <b>Banibrata Das</b> and Somnath Gangopadhyay,	2021; 33 (4), 20180178.	International Journal of Adolescent Medicine and Health. Walter de Gruyter Publication (Germany)	2191-0278
8.	Prevalence of work-related occupational injuries and its risk factors among brickfield workers in West Bengal, India <b>Banibrata Das</b>	2020; 80 103052	International Journal of Industrial Ergonomics (Elsevier) Netherland IF- 2.656	0169-8141
9.	Effects of Awkward Posture on Work-Related Musculoskeletal Disorders (WMSDs) among Sawmill Workers in India <b>Banibrata Das</b>	2020; 9 (3), 158- 166	Journal of Occupational Health and Epidemiology Rafsanjan University of Medical Sciences (Iran)	2251-8096
10.	Work-related injuries, postural stress, and musculoskeletal disorders among the railway track maintainers of India <b>Banibrata Das</b>	2020, 36 (5), 371-385	Toxicology and Industrial Health Sage Publication IF – 2.273	0748-2337
11.	Effect of Ergonomic Intervention on Health and Safety of Informal Workers at India Ghosh T, Gangopadhyay S, <b>Das B</b>	2020, 24 (4); S15- S16.	Indian Journal of Occupational and Environmental Medicine. (MedKnown Publisher)	0973-2284
12.	Prevalence of respiratory symptoms and respiratory disorders among carpenters in India. <b>Banibrata Das</b>	2019; 48 (2); 83-91.	Journal of Ergology J Stage (Tokyo)	0300-8134
13.	Gender Differences in Prevalence of Musculoskeletal Disorders and Physiological Stress among the Brick Field Workers of West Bengal, India. <b>Banibrata Das</b>	2019, 63 (3); 389- 403.	Work: A Journal of Prevention, Assessment & Rehabilitation IOS Press, Netherland IF – 1.505	1051-9815
14.	Health hazards and risks for musculoskeletal problem among child labour in brickfield sector of West Bengal, India. <b>Banibrata Das</b>	2019, 11 (4); 250- 257.	International Health, Oxford University Press IF – 1.664	1876-3413

15.	Assessment of Sustainable Development of New Ergonomics Aid for the Betterment of Job Procedure in Riding Activity in Potato Cultivation among the Farmers of West Bengal, India. <b>Banibrata Das</b>	2019; 3 (1): DOI: 10.23880/eoij-16000189	<b>Ergonomics International Journal</b> (Medwin Publisher, UK) IF – 1.578	2577-2953
16.	Thermal stress, cardiovascular stress and work productivity among the female brick field workers of West Bengal, India. <b>Banibrata Das</b>	2018; 47, 1-11.	<b>Journal of Ergology J Stage (Tokyo)</b>	0300-8134
17.	Prevalence of Malnutrition among the Preadolescent Brickfield Workers of West Bengal, India. <b>Banibrata Das</b>	2018; 8 (5), 36-44.	<b>International Journal of Health Science and Research</b> IF – 3.21	2249-9571
18.	Physical Exertion, Thermal stress affects the Cognitive Performance on Adolescent Farmers of West Bengal, India. <b>Banibrata Das</b> and Ghosh T	2018; 8 (2), 13 – 18.	<b>International Journal of Occupational Safety and Health (Nep-Jol)</b>	2091 –0878
19.	Anthropometric profiles and assessment of nutritional status based on body mass index (BMI) among the prawn seed collectors of Sunderban, West Bengal, India. <b>Banibrata Das</b>	2017; 23, 16 –23.	<b>Indian Journal of Biological Sciences</b>	0972-8503
20.	Assessment of respiratory symptoms and lung function values among the brick field workers of West Bengal, India. <b>Banibrata Das</b>	2016; 71(4): 222-230	<b>Archives of Environmental and Occupational Health.</b> Taylor & Francis IF – 1.180	1933-8244
21.	An evaluation of low back pain among female brick field workers of West Bengal, India. <b>Banibrata Das</b>	2015; 20, 360-368	<b>Environmental Health and Preventive Medicine.</b> Springer Publication	1342-078X
22.	Gender differences in prevalence of musculoskeletal disorders among the rice farmers of West Bengal, India <b>Banibrata Das</b>	2015; 50 (2), 229-240	<b>Work: A Journal of Prevention, Assessment &amp; Rehabilitation</b> IOS Press, Netherland IF – 1.505	1051-9815
23.	Prevalence of Musculo skeletal disorders and physiological stress among adult male potato cultivators of West Bengal, India. <b>Banibrata Das</b>	2015; 27 (2), NP1669-1682.	<b>Asia Pacific Journal of Public Health.</b> SAGE Publication IF – 1.459	1010-5395

24.	Assessment of Occupational health problems and Physiological stress among the brick field workers of West Bengal, India. <b>Banibrata Das</b>	2014; 27 (3), 413-425	International Journal of Occupational Medicine and Environmental Health Springer Publication IF – 1.541	1232-1087
25.	Prevalence of Respiratory Symptoms and Disorders among Rice Mill Workers in India. Ghosh T, Gangopadhyay S, <b>Banibrata Das</b>	2014; 19, 226 233.	Environmental Health and Preventive Medicine. Springer Publication	1342-078X
26.	Prevalence of work-related musculoskeletal disorder among the brick field workers of West Bengal, India. <b>Banibrata Das</b>	2014; 69(4): 231-240.	Archives of Environmental and Occupational Health. Taylor & Francis Publication IF – 1.180	1933-8244
27.	Agricultural work-related injuries among the farmers of West Bengal, India. <b>Banibrata Das</b>	2014; 21(3): 205-215.	International Journal of Injury Control and Safety Promotion. Taylor & Francis Pub IF – 1.342	1745-7300
28.	Prevalence of Musculo Skeletal Disorder and Occupational Health Problem among Groundnut Farmers of West Bengal, India. <b>Banibrata Das</b> , Ghosh T, Somnath Gangopadhyay	2013; 42 (1), 1-12.	Journal of Ergology J Stage (Tokyo)	0300-8134
29.	Estimation of maximum oxygen uptake by evaluating Cooper 12-min run test in female students of West Bengal, India. <b>Banibrata Das</b>	2013, 8(4), 1008-1014	Journal of Human Sport Exercise (Spain)	1988-5202
30.	Child Work in Agriculture in West Bengal, India: Assessment of Musculoskeletal Disorders and Occupational Health Problems. <b>Banibrata Das</b> , Ghosh T, Somnath Gangopadhyay	2013; 55 (4) 244-258	Journal of Occupational Health. Wiley On line Library Publication IF – 2.708	1348-9585
31.	Assessment of Ergonomical and Occupational Health Related Problem Among the Female Prawn Seed Collectors of Sunderban, West Bengal, India <b>Banibrata Das</b> , Ghosh T, Somnath Gangopadhyay	2012; 18(4):531-540.	International Journal of Occupational Safety and Ergonomics. Taylor & Francis Publication IF – 1.601	1080-3548

32.	An ergonomics evaluation of posture related discomfort and occupational health problems among rice farmers. <b>Banibrata Das</b> , Somnath Gangopadhyay	2011, 10 (1-2), 25- 38.	<b>Occupational Ergonomics.</b> <b>IOS Press Publication</b> (Netherland)	1359-9364
33.	Peak Expiratory Flow Rate among Child Labourers in West Bengal, India. <b>Banibrata Das</b> , T Ghosh, Somnath Gangopadhyay.	2011, 48 (6), 487 – 488.	<b>Indian Pediatrics.</b> <b>Springer Publication</b> <b>IF – 1.163</b>	0019- 6061
34.	A Comparative Ergonomic Study of Work-Related Upper Extremity Musculo Skeletal Disorder among the Unskilled and Skilled Surgical Blacksmiths in West Bengal, India. T Ghosh, <b>Banibrata Das</b> , Somnath Gangopadhyay.	2011, 15 (3), 127- 132.	<b>Indian Journal of Occupational and Environmental Medicine.</b> <b>Medknow Publishers</b>	0973-2284
35.	A Study on Factors of Dissatisfaction and Stress of the Blacksmiths Resulting from the Organizational Culture in Surgical Instrument Industry of India. T Ghosh, <b>Banibrata Das</b> , Somnath Gangopadhyay.	2011, 20 (2), 124- 30.	<b>Industrial Psychiatry.</b> <b>Medknow Publishers</b>	0972-6748
36.	Assessment of Ergonomical and Occupational health related problems among VDT workers of West Bengal, India. <b>Banibrata Das</b> , T Ghosh	2010; 1, 26 –31.	<b>Asian Journal of Medical Science</b> (Nepal)	2467-9100
37.	A Comparative study of Physical Fitness Index (PFI) and predicted Maximum Aerobic capacity (VO <sub>2</sub> max) among the different groups of female students in West Bengal, India. <b>Banibrata Das</b> , T Ghosh, Somnath Gangopadhyay.	2010, 22 (1),13-23.	<b>International Journal of Sports and Health Sciences</b> (Korea)	1598- 2939
38.	Work-related musculoskeletal disorder: An occupational disorder of the goldsmiths in India. T Ghosh, <b>Banibrata Das</b> , Somnath Gangopadhyay.	2010, 35(2), 321- 325.	<b>Indian Journal Community Medicine.</b> <b>Medknow Publishers</b>	0970- 0218

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

<b>47.</b>	Prevalence of Musculoskeletal Disorders among pre- adolescent agricultural workers of West Bengal, India. S Gangopadhyay, <b>Banibrata Das</b> , T Das, G Ghosal,	<b>2004</b> , 16 (1), 2-14.	<b>Ergonomics SA (Ergonomics Journal of South Africa)</b>	<b>1010-2728</b>
<b>48.</b>	An Ergonomic Study on the Development of Musculoskeletal Disorders among the Fixed Load and Variable Load Handling Workers of Kolkata. S Gangopadhyay, T Das, G Ghosal, <b>Banibrata Das.</b>	<b>2003</b> , 9, 37-45.	<b>Indian Journal Biological of Sciences</b>	<b>0972-8503</b>



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. <b>Banibrata Das,</b> Somnath Gangopadhyay	2010, pp 235– 246.	Ergonomic for Everyone, Chapter X Ergonomics in Intervention and Design. <b>edited by Somnath Gangopadhyay.</b> Allied Publisher Pvt.Ltd,	(978-81-910303-0-3)
2	Study on the prevalence of musculoskeletal disorders among agricultural workers of West Bengal, India. <b>Banibrata Das,</b> Somnath Gangopadhyay	2009, pp-96-104.	Women in Agriculture in Developments in Agricultural and Industrial Ergonomics, Vol 2: <b>Women at Work, edited by L.P.Gite, C.R.Mehta, Nachiket Kotwaliwale and Joydeep Majumder,</b> 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 Samrat Dev, <b>Banibrata Das,</b> Somnath Gangopadhyay	2009, pp-12-18.	Anthropometry and Work place Design in Developments in Agricultural and Industrial Ergonomics, Vol 1: General Studies, <b>edited by L.P.Gite, C.R.Mehta, Nachiket Kotwaliwale and Joydeep Majumder,</b> 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. <b>Banibrata Das,</b> Somnath Gangopadhyay	2008, pp- 491-496	Humanizing Work and WorkEnvironment, Vishwakarma Institute of Technology,Pune, <b>Edited by Hemant Abhyankar, Shriram M. Sane, Prakesh R. Vaidya, Vinayak M. kale,</b> Published by <b>Vishwakarma Institute of Technology, Pune,</b> 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. <b>Banibrata Das,</b> Somnath Gangopadhyay	2006, pp 297-304.	Humanizing Work and Work Environment, Indian Institute of Technology, Guwahati, Assam, <b>Editted by Deb Kr. Charaborty</b> <b>Published by IIT Guwahati</b> Allied Publishers Private Limited (India),	81-8424-124-0

