



NAME **SOMNATH GANGOPADHYAY Ph.D, FABMS**

PRESENT POSITION Professor, Occupational Ergonomics Lab.
Dept of Physiology

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University of Calcutta
92,APC Road, Calcutta 700 009,India

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Calcutta 700 025, India

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WEBSITE www.somnathgangopadhyay.net

CITIZENSHIP Indian by birth

ACADEMIC QUALIFICATIONS Ph.D. (Physiology), University of Calcutta, 1993
M.Sc. (Physiology with specialization in Ergonomics and
Work Physiology), University of Calcutta, 1984
B.Sc. (Hons in Physiology with Chemistry and Zoology),
University of Calcutta, 1982
Awarded title MABMS by Indian Association of
Bio Medical Scientists, 2001
Awarded title FABMS by Indian Association of
Bio Medical Scientists, 2005

MEMBERSHIP OF THE PROFESSIONAL BODIES

- a) Indian Science Congress Association, Life Member
- b) Indian Society of Ergonomics, Life Member
- c) Physiological Society of India, Life Member (Hon. General Secretary)
- d) Indian Association of Occupational Health, Life Member
- e) Indian Association of Biomedical Scientists, Life Member
- f) Metropolitan (Bypass) Institute for Developmental Studies and Welfare

MEMBERSHIP OF THE PROFESSIONAL BODIES (Contd.)

- g) Centre for Working Life, Life Member
- h) Road Traffic Injury Research Network (RTIRN)
- i) International Society for Violence and Injury Prevention
- j) Prof. N.M.Basu Memorial Committee
- k) International Commission on Occupational Health (ICOH)
- l) Indian Association of Physiological Sciences
- m) Green World, Howrah, 2014

PROFESSIONAL EXPERIENCES

- a. PROFESSOR Occupational Ergonomics Lab, Department of Physiology, University of Calcutta, from 2012.
- b. ASSOCIATE PROFESSOR Occupational Ergonomics Lab, Department of Physiology, University of Calcutta, from 2009-2012.
- c. READER, Occupational Ergonomics Lab, Department of Physiology, University of Calcutta, from 2006-2009.
- d. ADVISOR to the REGIONAL DIRECTOR, WHOSEARO, New Delhi, 2004-2005.
- e. SENIOR LECTURER, Ergonomics Lab, Department of Physiology, University of Calcutta, from 2001-2006.
- f. LECTURER, Ergonomics Lab, Department of Physiology, University of Calcutta, from 1997-2001.
- g. WORK PHYSIOLOGIST in Work Physiology and Ergonomics Section, Occupational Health Service Centre, Bhilai Steel Plant, SAIL. 1992-1997.

AWARDS AND FELLOWSHIPS:

- 1. MABMS title, Indian Association of Biomedical Scientists, 2001
- 2. Principal Investigator in two projects sponsored by University Grant Commission and All India Council for Technical Education, 2001
- 3. Thangam Vasudevan Award, Indian Association of Biomedical Scientists, 2002
- 4. Scholarship for Attending the 7th World Conference on Injury Prevention and Safety Promotion, Vienna, 2004.
- 5. Advisor to the Regional Director, WHOSEARO, New Delhi, 2004-2005.
- 6. FABMS title, Indian Association of Biomedical Scientists, 2005.
- 7. Scholarship for Attending the 8th World Conference on Injury Prevention and Safety Promotion, Durban, 2006.
- 8. Scholarship for Attending the IEA 2006: 16th World Congress on Ergonomics, Maastricht the Netherlands 2006.
- 9. Visiting Professor, at Department of Physiology in Jiangxi Chinese Medical University, Nanchang China. 2007, 2009.
- 10. Shri Ramendra Sundar Sinha Memorial Oration Award 2009.
- 11. Invited Speaker and Chair Person at 14th Commonwealth International Sports Science Congress held in Delhi from 27-30 September 2010.
- 12. Invited lecture at National Institute of Miners' Health, Nagpur on Occupational Safety and Health day, April 2013
- 13. Invited lecture as Distinguished Speaker at Asansol Engineering College in the symposium on Robotics to Ergonomics, May 4 2013
- 14. Invited lecture as Resource person at Faculty Development Program at North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, May 14 2013
- 15. Invited Lecture at HWWE 2013 at Vidyasagar University. Dec 4-6 2013
- 16. Plenary Lecture at 25th Annual Conference of PSI at Kamineni Institute of Medical Sciences. Dec 9-11, 2013

AWARDS AND FELLOWSHIPS (Contd.)

17. Prof. S. Subhranian Oration Award 2013 at 34th Annual Conference of IABMS at Madras University. Dec 27-29 2013
18. Invited Lead Lecture at HWWE 2014 at IIT Guwahati. Dec 3-5 2014
19. Invited Symposium Lecture at SAAP 4 at Dhaka, Bangladesh, Dec 5-7 2014
20. Invited Lecture at PHYSICON 2014 at Berhampur Girls College, Berhampur, Dec 19-21 2014
21. Invited Lecture and Chair at 22nd West Bengal State Science and Technology Congress 2015 at North Bengal University, North Bengal Feb 28-Mar 1 2015
22. Invited Special Session Chair and Lecture at ICOH 2015 at Seoul, South Korea May 31-June 5 2015
23. Key note Address: Application of Ergonomic Interventions in Informal Sectors of West Bengal, de la conférence International sur : Les Application de l'Ergonomie dans les Pays en voie de Développement, réalités et perspectives at Algiers, Algeria October 26 and 27
24. Invited Resource Person and Panelist: International workshop Basics of environmental and occupational safety and health science and practice Organized: International social security association, Harvard school of public health, collegium Ramazzini and Dhaka community hospital trust
19-20 November 2015
Venue: Dhaka community hospital auditorium, Dhaka
25. Prof. B B Sarkar Memorial Oration Award 2015
26. Invited Resource Person at ICOH-Scientific Committee on Occupational Health in Small-Scale Enterprises and Informal Sectors (SCOHSSEIS) Workshops : Achieving Healthy Workplaces in Small and Medium Enterprises (SME) and Building Capability to Deliver Basic Occupational Health Services(BOHS) to the Informal Sector Workers 21st and 22nd September 2016 at New Delhi
27. Invited Resource Person in the Workshop on Ergonomics for the Design and Production Engineers of Garden Reach Shipbuilders & Engineers Ltd, (GRSE), Kolkata. Organised by NID, Ahmadabad and Garden Reach Shipbuilders & Engineers Ltd, (GRSE), Kolkata at GRSE,FOJ unit, Kolkata 17th and 20th January 2017
28. Invited Resource person to deliver lecture on Ergonomics in Design at Vidyasagar College for Women on 23rd February 2017
29. Invited Resource Person to deliver lecture on Ergonomics in Curriculum Design in the Workshop on Curriculum Development at Production Engineering Department , Jadavpur University on 9th March 2017
30. Invited Speaker to deliver lecture on Indian Ergonomics at The Chartered Institute of Ergonomics and Human Factor, London, United Kingdom on 31st May 2017.
31. Invited Speaker to deliver lecture on Indian Ergonomics in Recent Years at Institute of Naval Medicine, Fareham, United Kingdom on 1st June 2017.

INVOLVEMENT IN CURRENT INSTITUTIONAL RESEARCH PROJECT:

1. Pulmonary function of workers working in the dusty areas.
2. Ergonomics study on major accidents
3. Ergonomics studies on burn accidents
4. Integrated ergonomics and occupational health studies of workers engaged in crane operation.
5. Ergonomics study on non-reportable and near misses accidents of construction workers.
6. Study on recovery pulse rate of middle aged workers.
7. Study on CTS among workers of continuous data entry.
8. Study on CTS among meat cutters of West Bengal.
9. Analysis of posture in different cooking activities.
10. Study on working behavior of female workers of organized sectors.
11. Effect of stress on Cognitive performance.
12. Human computer interaction.
13. Development of teaching aids for mentally retarded persons.
14. Conicity Index and Blood Pressure.
15. Study on MSD among workers of unorganized and organized sectors.

16. Study on Office Ergonomics
17. Study on workers engaged in hand intensive precision jobs.
18. Study on pre-adolescent agricultural workers.
19. Study on porters involved in MMH in the central market area and railway station.
20. Study on different communities to identify the concept of safety and safe behaviour.
21. Evaluation of child safety with special reference to the design of the school buses.
22. Design of intervention for the MMH workers in the central market area.
23. Assessment of auditory status of regular surface and underground railway passengers.
24. Ergonomic assessment of occupational health of construction worker
25. Estimation of iron content in potable water and iron-related diseases
26. Occupational health problems of part-time housemaids
27. Design of office shoes.
28. CG analysis of MMH workers in central market area of Kolkata
29. Design of WELDING TORCH and FACE SHIELD of arc welders of West Bengal
30. Design of Low Cost finger protective device of sewing machine operators.
31. Interventions for Informal Sectors

PRINCIPAL INVESTIGATOR:

1. UGC-UPE Project :

Indo –US Collaborative Project (Funded by ICMR-CDC) Economic Evaluation of Interventions to prevent Manual Material Handling Injuries in the Informal Labour Sector (2010-2013)

2. D.S.T Project. An Ergonomic Study on Occupational Health Problems of Women Engaged in Chikan Embroidery in West Bengal & its Probable Management (2012-2015)

3. AICTE Project An ergonomics study on repetitive tasks of workers working in different organised and unorganised sectors of India (2000-2003)

4. UGC Project Ergonomics and occupational health studies on low back pain during manual material handling in unorganised sectors (2000-2002)

TEACHING AND RESEARCH ACTIVITIES:

1. Taught Applied Physiology and Introductory Ergonomics in Semester I of Post graduate classes (M.Sc.)

2. Taught Advanced Ergonomics in Semester III of Post graduate classes (M.Sc.)

3. Taught Occupational Ergonomics, Cognitive Ergonomics in Semester IV of Post graduate classes (M.Sc.).

3. Supervised Post Graduate students on conducting Ergonomics Group and Individual Projects.

4. Supervised Ph.D. students on Ergonomics Research Projects.

ACTIVITIES AS CONSULTANT

- a. Coal Mines
- b. Construction, Heavy Engineering factories
- c. Coal India Ltd
- d. Loss Prevention Council of India
- e. Godrej & Boyce Mfg.Co.Ltd, Office Furniture Division.
- f. Larsen & Toubro Ltd, ECC Construction Division.
- g. Numaligrah Refinery Ltd, Jorhat, Assam
- h. World Health Organization South East Asia Regional Office (WHOSEARO), New Delhi.
- i. Hindustan Lever Limited, Kolkata.
- j. Cachar Paper Mill, Hindustan Paper Corporation, Assam.
- k. Prax Air, Howrah.
- l. India Glycol Ltd, Kashipur, Uttarakhand.
- m. MSME Program in Rolling Mill cluster, National Institute of Design
- n. Birla Ultratech Cement, Hirmi
- o. Vedanta Alluminium Company, Jharsugda, 2012
- p. Bharat Alluminium Company (BALCO), Korba, 2013, 2016
- q. Saint-Gobain Ceramic Materials Private Limited, Bhutan, 2013
- r. Birla Ultratech Cement, Rawan, 2013
- s. Talwandi Sabo Power Ltd, Bhatinda, 2014

- t. Birla Ultratech Cement, Chhitorgrah, 2014
- u. Jindal Steel and Power Limited, Raigrah, 2015
- v. Birla Ultratech Cement, Karnataka, 2015
- w. Tata Global Beverages Limited, Kolkata, 2016
- x. MSME Program in Optical Lens cluster, Howrah Green World, 2016
- y. Vedanta Aluminium Company, Lanjigarh, Orissa, 2017
- z. Aditya Aluminium, Lapanga, Orissa, 2017
- aa. MSME Program in Lock & Key cluster, Howrah Green World, 2017
- bb. JK Paper Mill, Rayagada, Odisha, 2017

HON. VICE PRESIDENT

South Asian Association of Physiologists (SAAP)

HON. GENERAL SECRETARY

Physiological Society of India

SECRETARY

Institutional Human Ethical Committee, Department of Physiology, University of Calcutta

CHAIRPERSON

Institutional Human Ethical Committee, Raja Peary Mohan College, Uttarpara

MEMBER (Medical Scientist)

Institutional Human Ethical Committee, Department of Physiology, Presidency University

MEMBER IN TECHNICAL COMMITTEE

Howrah Chamber of Commerce and Industry (HCCI), Howrah
Rural Biotechnology Committee at Department of Biotechnology, Govt. of West Bengal
PGD-15, ERGONOMICS Section, Bureau of Indian Standards (BIS)

CHAIRPERSON, SPECIAL LECTURE and PANELIST OF SPECIAL SESSION, SYMPOSIUM

- a. Ergonomics Session, 17th Asian Conference on Occupational Health Taiwan, November 2002.
- b. 26th Annual Conference of Indian Association of Biomedical Scientists, Kolkata, November 2005.
- c. International Ergonomics Conference (HWWE 2005), Indian Institute of Technology, Guwahati, December 2005.
- d. International Ergonomics Conference (HWWE 2008), Vishwakarma Institute of Technology, Pune, December 2008.
- e. 14th Commonwealth International Sports Science Congress held in Delhi from 27-30 September 2010
- f. The Second International Conference of the South East Asian Network of Ergonomics Societies (SEANES) from 9-12 July 2012 held in Langkawi, Malaysia. Panelist of Special Session on **Ergonomics Interventions in SMEs.**
- g. **Occupational Safety and Health Day** at National Institute of Miners' Health. 29th April, 2013
- h. **Two days' Seminar on advances in manufacturing: from Robotics to Ergonomics**, 3rd and 4th May 2013 at Asansol Engineering College.
- i. **Organized Symposium entitled Design and Evaluation of Interventions to prevent MSDs at PREMUS 2013, 7th to 11th July 2013, Busan, Korea**
- j. **Distinguished Speaker lecture** at National Institute of Miners' Health, Nagpur on Occupational Safety and Health day, April 2013
- k. Invited lecture as Distinguished Speaker at Asansol Engineering College in the symposium on Robotics to Ergonomics, May 4 2013
- l. Invited lecture as Resource person at Faculty Development Program at North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, May 14 2013

- m. Invited Lecture and Chair Person at HWWE 2013 at Vidyasagar University. Dec 4-6 2013
- n. Plenary Lecture and Chair Person at 25th Annual Conference of PSI at Kamineni Institute of Medical Sciences. Dec 9-11,2013
- o. Prof. S. Subhranian Oration Award 2013 Lecturer and Chair Person at 34th Annual Conference of IABMS at Madras University. Dec 27-29 2013
- p. Invited Speaker and Chair Person at 100th Indian Science Congress, Kolkata, February 3-7 2014

- q. Distinguished Faculty at National Institute of Miners' Health, Nagpur in Applied Ergonomics Workshop, November 28-30,2014
- r. Invited Lead Speaker and Chair Person at 12th HWWE, Guwahati, December 3-5;2014
- s. Invited Speaker and Chair Person at 4th SAAP, Dhaka,Bangladesh, December 5-7;2014
- t. Invited Lecture and Chair at 22nd West Bengal State Science and Technology Congress 2015at North Bengal University, North Bengal Feb 28-Mar 1 2015
- u. Invited Special Session Chair and Lecture at ICOH 2015 at Seoul, South Korea May 31- June 5 2015
- v. Key note Address: Application of Ergonomic Interventions in Informal Sectors of West Bengal, de la conférence International sur : Les Application de l'Ergonomie dans les Pays en voie de Développement, réalités et perspectives at Algiers, Algeria October 26 and 27, 2015

- w. **Invited Resource Person and Panelist:** International workshop Basics of environmental and occupational safety and health science and practice Organized: International social security association, Harvard school of public health, collegium Ramazzini and Dhaka community hospital trust Venue: Dhaka community hospital auditorium, **Dhaka** 19-20 November 2015

- x. **Key note Address:** Application of Ergonomics in Re-Rolling mills of West Bengal for the Improvement of Safety and Health at 4th ASSE India Chapter Professional Development Conference 2016, **Kolkata**

- y. **Invited Talk as Resource Person** in the section of Ergonomics at the Workshop on Principles of Modern Safety in Mines organized by Indian School of Mines Alumni Association, Kolkata Chapter, **Kolkata** 2016

- z. **Invited** to discuss on The Reform of IUPS with Prof. Denis Noble, President IUPS at the Balliol College, Oxford University, **Oxford, United Kingdom** 2016

- aa. **Invited Talk** as Guest Speaker in the School of Design at the University of **Loughborough, United Kingdom** 2016

- bb. **Invited lecture** : Fifth South Asian Association of Physiologists (SAAP V) Conference at Kathmandu University, **Nepal** , November 9-12, 2016

- cc. **Plenary Lecture** : Twenty eighth National Conference of Physiological Society of India (PHYSIOCON 2016), **Midnapore**, November 18-20, 2016

- dd. **Key note Address:** Ergonomic Interventions for the Improvement of Cognitive Processing at International Conference on Management of Ergonomic Design, Industrial Safety and Healthcare Systems (MESH 2016) December 20-23, 2016, Indian Institute of Technology, Kharagpur.

- ee. **Chairperson** in the Session of Ergonomic Design at International Conference on Management of Ergonomic Design, Industrial Safety and Healthcare Systems (MESH 2016) December 20-23, 2016, Indian Institute of Technology, Kharagpur.

- ff. **Invited Lecture** at the Chartered Institute of Ergonomics and HumanFactor (London Ergonomics Group), London, UK, May 31, 2017
- gg. **Invited Lecture** at the Institute of Naval Medicine, Fareham, UK, June 1, 2017
- hh. **Invited Lecture** at Sapurji Industry, Kolkata, August 23, 2017

CONVENER

The International Conference on Frontier Researches in Integrative Physiology,
Calcutta University, Calcutta, January 8-10, 2007

COORDINATER

Calcutta University NAAC Subcommittee 2016, December 19-21, 2016

Ph. D SUPERVISION:

Students awarded Ph.D

1. Banibrata Das
Title of thesis: "Ergonomics Study on the Prevalence of Musculo Skeletal Disorders (MSD) among the Preadolescent Agricultural Workers (Potato Cultivators) of West Bengal".
Year of Doctoral Degree: 2007
2. Tamal Das
Title of Thesis: "Ergonomics and Occupational Health Studies of Workers engaged in Heavy Load Handling"
Year of Doctoral Degree: 2008
3. Goutam Ghoshal
Ergonomic study on Work Environment and Work Mode as Causative Factors for accident during Manual Material Handling
Year of Doctoral Degree: 2009
4. Suhana Ghosh
An Ergonomic Evaluation on Library Work-Station Design and Analysis of Work Stress on Library Staffs of Different Indian Academic Institutions
Year of Doctoral Degree: 2012
5. Tarannum Ara,
Title of Thesis: "An Ergonomic Study on Occupational Health Hazards of Indian Footwear Making Workers and its Management".
Year of Doctoral Degree: 2013
6. Samrat Dev,
Title of Thesis: "An Ergonomic Study on Occupational Health Problems of Indian Public Transport Workers and Suggestive Remedial Measures".
Year of Doctoral Degree: 2013
7. Tirthankar Ghosh:
Title of Thesis: Ergonomic Evaluation and Modification of Existing Work Organizations of Some Unorganized Sectors to Study the Improvement in Productivity, Health and Safety of those Post Modified Sectors.
Year of Doctoral Degree: 2014
8. Sabarni Chakrabarty
Title of Thesis: An Ergonomic Study On Occupational Health Problems Of Women Engaged In Chikan Embroidery In West Bengal & Its Probable Management
Year of Doctoral Degree: 2015
9. Krishnendu Sarkar
Title of Thesis: Ergonomics Study on Occupational Health Problems of Porters of Central Market Area in Calcutta and Probable Intervention Strategies for Improvement of Productivity.

Year of Doctoral Degree: 2017

Number of students presently working in Ph.D Program: Six

(Sourav Nandy; Manoj Nath; Piyali Mukherjee; Arunabha Bandyopadhyay, Titlee Majumdar, Sugata Das)

Number of students presently working in MD(Ayurved) Program: One

(Soumendra Mondal)

VISITING PROFESSOR and VISITING FACULTY

a. The Jiangxi Chinese Medical University, Nanchang China. (From 1st March to 15th July, 2007 and 30th January to 15th July 2009)

b. D. J. Academy of Design (DJAD) Coimbatore, India

c. University of Kalyani, Nadia, West Bengal. India

d. Indian School of Design & Innovation, Mumbai

e. National Institute of Design, Vijayawada

f. Indian Institute of Social Welfare and Business Management

g. Mednipur College (Autonomous) Mednipur

MEMBER OF THE BOARD OF STUDY (OTHER THAN CALCUTTA UNIVERSITY)

a. Department of Physiology, University of Kalyani

b. Department of Silpa-Sadana (PSV), Visva-Bharati, Sriniketan

c. Department of Physiology, University of Burdwan

d. Department of Physiology, Sreerampur College, Sreerampur

e. West Bengal State University, Barasat, West Bengal

JOURNAL EDITOR IN CHIEF

International Journal of Occupational Safety and Health (IJOSH)

JOURNAL GUEST EDITOR

1. Work. 2012; volume 43 special issue on Humanizing Work and Work Environment: A challenge for developing countries.

2. International Journal of Occupational Safety and Health, volume 2 special issue on Occupational Ergonomics.

JOURNAL REVIEWER

1. International Journal of Injury Prevention.

2. Theoretical Issues in Ergonomics Science

3. Journal: Sports Medicine, Arthroscopy, Rehabilitation, Therapy & Technology

4. Al Ameen Journal of Medical Sciences

5. Archives of Environmental and Occupational Health

6. Japanese Journal of Human Ergology

7. Indian Journal of Physiology and Allied Sciences

8. Safety and Health at Work

MEMBER OF INTERNATIONAL EDITORIAL AND ADVISORY BOARD

1. Journal of Environmental Physiology

2. Al Ameen Journal of Medical Sciences
3. International Journal of Ergonomics (IJEG)
4. International Journal of Engineering Technology and Sciences (IJETS)

ORGANISING SECRETARY

- a) International Ergonomics Conference HWWE 2009 held in Calcutta at University of Calcutta from 17-19 December 2009.
- b) One Day Symposium on Occupational Health held in Calcutta at University of Calcutta on 9th July 2011.
- c) International Conference on Molecules to Systems Physiology: 100 years Journey held in Calcutta at University of Calcutta from 21-23 September 2011.
- d) Workshop on Occupational Ergonomics in Rural Engineering Industries held in Calcutta at University of Calcutta on 24th March 2012.
- e) Closing Ceremony of Centenary Celebration of Post graduate teaching in Physiology at University of Calcutta: ICMSP: 100 held in Calcutta at University of Calcutta on 28th August 2015.
- f) XXVIIth Annual Conference of The Physiological Society of India (PSI) and the Vth Congress of the Federation of Indian Physiological Societies (FIPS): FIPSPHYSICON-2015 held in Calcutta at University of Calcutta from 18th -20th December 2015.

WORKSHOPS/CONFERENCES ATTENDED (2001-2017)

DATE / DURATION	DETAILS
2001	University of California, San Francisco
November 2002	Invited Speaker and Chair Person at Ergonomics Session, 17th Asian Conference on Occupational Health Taipei, Taiwan , November 2002
June 2004	Invited Speaker at 7 th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria 2004.
31 March – 1 April 2006	Invited Speaker at 8 th World Conference on Injury Prevention and Safety Promotion, Durban, South Africa 2006.
July 2006	IEA 2006: 16 th World Congress on Ergonomics, Maastricht the Netherlands 2006.

September 27-30; 2010	Invited Speaker and Chair Person at 14 th Commonwealth International Sports Science Congress held in Delhi from 27-30 September 2010
July 1-3; 2010	Invited Speaker and Chair Person at APCHI ERGOFUTURE, July 2010, Bali, Indonesia
April 4-6; 2011	Invited Speaker and Chair Person at ODAM 2011, Grahamstown, South Africa
September 21-23; 2011	International Conference on Molecules to Systems Physiology: 100 Years Journey, ICMSP 100, Kolkata, September 21-23, 2011
July 9-12;2012	Invited Speaker and Chair Person at Southeast Asian Network of Ergonomics Societies Conference (SEANES), 2012,Langkawi, Malaysia
December 6 – 8;2012	Invited Speaker and Chair Person at International Conference on Ergonomics and Human Factors (HWWE 2012), Pantnagar, Uttarakhand, 6 - 8 December 2012
April 29; 2013	Distinguished Speaker Award lecture at National Institute of Miners' Health, Nagpur on Occupational Safety and Health day, April 2013
May 4; 2013	Invited lecture as Distinguished Speaker at Asansol Engineering College in the symposium on Robotics to Ergonomics, May 4 2013
May 14; 2013	Invited lecture as Resource person at Faculty Development Program at North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, May 14 2013
July 7 – 11; 2013	Organized Symposium as Chair Person, entitled Design and Evaluation of Interventions to prevent MSDs at PREMUS 2013, 7 th to 11 th July 2013, Busan, Korea
Dec 4-6 ; 2013	Invited Lecture and Chair Person at HWWE 2013 at Vidyasagar University. Dec 4-6 2013

Dec 9-11; 2013	Plenary Lecture and Chair Person at 25 th Annual Conference of PSI at Kamineni Institute of Medical Sciences. Dec 9-11,2013
Dec 27-29; 2013	Prof. S. Subhranian Oration Award 2013 Lecturer and Chair Person at 34 th Annual Conference of IABMS at Madras University. Dec 27-29 2013
February 3-7; 2014	Invited Speaker and Chair Person at 100th Indian Science Congress, Kolkata , February 3-7 2014
November 28-30, 2014	Distinguished Faculty at National Institute of Miners' Health, Nagpur in Applied Ergonomics Workshop ,November 28-30,2014
December 3-5;2014	Invited Lead Speaker and Chair Person at 12 th HWWE, Guwahati , December 3-5;2014
December 5-7;2014	Invited Speaker and Chair Person at 4 th SAAP, Dhaka,Bangladesh , December 5-7;2014
December 19-21 2014	Invited Distinguished Speaker and Chair Person at 26 th PHYSICON, Berhampur , December 19-21 2014
May 31- June 5 2015	Invited Special Session Chair and Lecture at 31 st International Congress on Occupational Health 2015 at Seoul, South Korea May 31- June 5 2015
October 26 and 27 2015	Key note Address: Application of Ergonomic Interventions in Informal Sectors of West Bengal, de la conférence International sur : Les Application de l'Ergonomie dans les Pays en voie de Développement, réalités et perspectives at Algiers, Algeria October 26 and 27
November 19-20 2015	Invited Resource Person and Panelist: International workshop Basics of environmental and occupational safety and health science and practice Organized: International social security association, Harvard school of public health, collegium Ramazzini and Dhaka community hospital trust 19-20 November 2015 Venue: Dhaka community hospital auditorium, Dhaka
April 28-29 2016	Key note Address: Application of Ergonomics in Re-Rolling mills of West Bengal for the Improvement of Safety

	and Health at 4 th ASSE India Chapter Professional Development Conference 2016, Kolkata
May 23- 25 2016	Invited Talk as Resource Person in the section of Ergonomics at the Workshop on Principles of Modern Safety in Mines organized by Indian School of Mines Alumni Association, Kolkata Chapter, Kolkata 2016
May 31 2016	Invited to discuss on The Reform of IUPS with Prof. Denis Noble, President IUPS at the Balliol College, Oxford University, Oxford, United Kingdom 2016
June 1 2016	Invited Talk as Guest Speaker in the School of Design at the University of Loughborough, United Kingdom 2016
November 9-12, 2016	Invited lecture : Fifth South Asian Association of Physiologists (SAAP V) Conference at Kathmandu University, Nepal
November 18-20, 2016	Plenary Lecture : Twenty eighth National Conference of Physiological Society of India(PHYSIOCON 2016), Midnapore
December 20-23, 2016	Key note Address: International Conference on Management of Ergonomic Design, Industrial Safety and Healthcare Systems (MESH 2016) Indian Institute of Technology, Kharagpur.
December 20-23, 2016	Chairperson: Session of Ergonomic

	Design at International Conference on Management of Ergonomic Design, Industrial Safety and Healthcare Systems (MESH 2016) Indian Institute of Technology, Kharagpur.
January 17 - 20 , 2017	Invited Resource Person in the Workshop on Ergonomics for the Design and Production Engineers of Garden Reach Shipbuilders & Engineers Ltd, (GRSE), Kolkata. Organised by NID, Ahmadabad and Garden Reach Shipbuilders & Engineers Ltd, (GRSE), Kolkata at GRSE,FOJ unit, Kolkata
May 31, 2017	Invited Lecture at the Chartered Institute of Ergonomics and Human Factor (London Ergonomics Group), London, UK
June 1, 2017	Invited Lecture at the Institute of Naval Medicine, Fareham, UK
August 23, 2017	Invited Lecture at Sapurji Industry, Kolkata
October 13, 2017	Invited Lecture at Indian Oil Corporation Ltd, Mathura

Publications (Total 232 till 2017)

Selected Publications:

Peer reviewed paper (international journals)[2003-2017; 57]

1. Titlee Majumder , Anandi Bagchi, **Somnath Gangopadhyay** and Subrata Ghosh
Finger digit ratio: predicting aggression amongst school children of biphasic growth in Eastern part of West Bengal.
IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) e-ISSN:2278-3008, p-ISSN:2319-7676. Volume 12, Issue 4 Ver. VIII (Jul – Aug 2017), PP 17-22
2. **Somnath Gangopadhyay**
A human factors perspective from India.
The Ergonomist.No.560, July- August, 24-25, 2017.
3. Sugata Das , Anandi Bagchi , **Somnath Gangopadhyay** and Subrata Ghosh (2017)
Effect of Natural Resources on Reproductive Health and Oxidative Stress of Female Construction Workers, West Bengal, India.

4. **Somnath Gangopadhyay**, Sayantika Das, Ishan Sarkar and Krishnendu Sarkar, Psychosocial Factors in the Development Of Musculoskeletal Disorders among Manual Material Handling Workers of Organised and Unorganized Sectors of West Bengal. Journal of Human Ergology. Vol. 46 No.1, 2017.
5. Saurav Nandi, Debamalya Banerjee, , **Somnath Gangopadhyay** and Titas Nandi Regression Analysis of Noise Parameters of Power Generators of Thermal Power Plants. International Journal of Pollution and Noise Control. Vol 3, No. 1, 1-13, 2017.
6. W. Mishra, A. De, R. Iqbal, V. Khanzode, **Somnath Gangopadhyay**, A.M. Chandra A study on Agony of Indian Percussionists. "Ergonomics in Caring for People – Proceedings of International Conference on Humanizing Work and Work Environment 2015, Springer Publication, June 2017
7. Subhadip Nandy, **Somnath Gangopadhyay** and Sandip Meghnad Hulke Musculoskeletal disorders among the gardeners: A cross sectional study International Journal of Applied Research 2017; 3(5): 440-443, 2017.
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