



## Murshidabad University

### FACULTY ACADEMIC PROFILE/ CV



Full name of the faculty member: **Dr. Mukti Mondal M.Sc., B.ED., Ph.D.**  
Designation: **Assistant Professor**  
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Academic qualifications:

College/University from which the degree was obtained	Abbreviation of the degree
Kalyani University	M.Sc. in Physiology PhD in Physiology

Positions held/ holding:

Research interests: **Reproductive Toxicology; Environmental Toxicology; Food Toxicology; Gastrointestinal Toxicology; Cardiovascular Toxicology; and Molecular Neurotoxicology**  
Research guidance: **NA**  
Projects: **NA**

Select list of publications (Only number):

- a) Journals: **23**
- b) Books/ book chapters: **NA**
- c) Conference/ seminar volumes: **15**

Membership of Learned Societies:

Life Member of Indian Science Congress Association (ISCA): L.M.No. L36258

Life Member of Physiological Society of India (PSI): L.M.No. 696

Invited lectures delivered: **03**

Awards: **02**

Received award as an **outstanding paper in Physiology** in the 25<sup>th</sup> West Bengal State Science and Technology Congress, 2018, held on 4-5<sup>th</sup> March, 2018 at the Science City, Kolkata, West Bengal, India.

Awarded by **DST INSPIRE Fellowship (NO. DST/INSPIRE/Fellowship/2013/18)** under Innovation in Scientific Pursuit for Inspired Research (**INSPIRE**), Department of Science & Technology (**DST**) Govt. of India, 2013-2014.

Other notable activities: **NA**

List of Journal Publication/ Conference Papers: (Last ten years)

**Publications:**

***Research articles: (Total No: 23)***

1. **Mukti Mondal**, Kaushik Sarkar, Goutam Paul. Fenugreek Seed Extract Mitigates MSG-Induced Uterine Dysfunction in Rats through Enhanced Antioxidative Defense Mechanisms. International Journal of Experimental Research and Review. (Under review).
2. **Mukti Mondal**, Satinath Singha, Nibedita Mondal, Pinaki Samanta. Melamine Facilitates the Duodenal Contraction by Augmenting the Cholinergic Neuronal Pathway in Rat. International Journal of Creative Research Thoughts. 2023, 11(12): h207-214. ISSN: 2320-2882.
3. **Mukti Mondal**, Kaushik Sarkar, Goutam Paul. Monosodium glutamate attenuates the action of oxytocin on uterine smooth muscle by augmenting the function of L-type calcium channel. World Journal of Pharmaceutical Research. 2023, 12(9): 2865-2877. ISSN 2277-7105.
4. **Mukti Mondal**, Nibedita Mondal, Satinath Singha, Pinaki Samanta. Melamine impairs the functions of female reproductive system in rat. Indian Journal of Medical Research. 2023, 7(7):53-59. ISSN:2319-5878.
5. Ashma Khatun, Partha Pratim Nath, **Mukti Mondal**, Sanghamitra Pal, Goutam Paul. Suppression of male reproductive function by Brown HT in rat. Asian Journal of Pharmaceutical and Clinical Research. 2022, 15(5):76-82. ISSN:2455-3891(online) and 0974-2441 (print).
6. Mahua Guha Roy, Sanghamitra Pal, Kaushik Sarkar, **Mukti Mondal**, Goutam Paul. Fluoride Facilitates Contraction of Duodenal Smooth Muscle in Rat by Inhibiting the Enzymatic Activity of Acetylcholinesterase and Promoting Oxidative Stress. International Journal of Pharmaceutical Sciences Review and Research. (March - April), **2022**, 73(1):69-76. ISSN 0976-044X; IF: 0.65. DOI link: <http://dx.doi.org/10.47583/ijpsrr.2022.v73i01.013>
7. Debarati Roy, Mousumi Dutta, **Mukti Mondal**, Kaushik Sarkar, Goutam Paul. Effect of Bisphenol S (BPS) on the contraction of duodenal visceral smooth muscle ex vivo in rat. Science Archives. **2021**, 2 (2):99-108. ISSN: 2582-6697.
8. Ashma Khatun, **Mukti Mondal**, Sanghamitra Pal, Suraiya Parvin and Goutam Paul. Impairment of uterine wall structure by Chocolate Brown HT in rats. Science Archives. **2021**, 2 (2):93-98. ISSN: 2582-6697.
9. Suraiya Parvin, Partha Pratim Nath, Mousumi Dutta, **Mukti Mondal**, Ashma Khatun, Sanghamitra Pal, Mahua Guha Roy, Goutam Paul. Monosodium glutamate potentiates the contraction of the visceral smooth muscle of duodenum by augmenting the activity of intrinsic cholinergic efferents, inducing oxidative stress and proliferating smooth muscle cells. Asian Journal of Pharmaceutical and Clinical Research. **2019**, 12(7):136-142. Online - 2455-3891 Print - 0974-2441.

10. **Mukti Mondal**, Kaushik Sarkar, Partha P. Nath, Goutam Paul. Monosodium glutamate suppresses the female reproductive function by impairing the functions of ovary and uterus in rat. *Environmental Toxicology*. Wiley& sons, February, **2018**, 33:198-208. ISSN 1522-7278; IF: 2.937.
11. **Mukti Mondal**, Kaushik Sarkar, Partha P. Nath, Ashma Khatun, Sanghamitra Pal, Goutam Paul. Monosodium glutamate impairs the contraction of uterine visceral smooth muscle ex vivo of rat through augmentation of acetylcholine and nitric oxide signaling pathways. *Reproductive Biology*. Elsevier, January, **2018**, 18:83-93. ISSN 1642-431X; IF: 1.513.
12. Sanghamitra Pal, Kaushik Sarkar, Partha P. Nath, **Mukti Mondal**, Ashma Khatun, Goutam Paul. Bisphenol S depresses blood functions and induces cardiovascular risks in rat. *Toxicology Reports*. Elsevier, October, **2017**, 4: 560-564. ISSN 2214-7500; SNIP: 0.807, SCImago IF: 0.473.
13. Suban Baskey, Kaushik Sarkar, **Mukti Mondal**, Goutam Paul. Chlorpyrifos Produces Cardiovascular Risks by Shifting Set Point Lipid Metabolism and Diabetes mellitus by inhibiting the Insulin Secretion in Rat. *International Journal of Pharmaceutical Sciences Review and Research*. (September-October), **2017**, 46(2):15-18. ISSN 0976-044X; IF: 0.65.
14. **Mukti Mondal**, Kaushik Sarkar, Partha P. Nath, Goutam Paul. Monosodium Glutamate Potentiates the Force of Contraction of Uterine Smooth Muscle in Rat by Augmenting Acetylcholine Mediated Neuromuscular Transmission. *International Journal of Pharmaceutical Sciences Review and Research*. (July-August), **2017**, 45(1):238-241. ISSN 0976-044X; IF: 0.65.
15. Kamalesh Das, Kaushik Sarkar, Partha Pratim Nath, **Mukti Mondal**, Goutam Paul. CPF impairs the contraction of uterine smooth muscle by inhibiting the secretion of estradiol from ovary in rat. *International Journal of Current Research and Review*. August, **2017**, 9(16), 43-48. ISSN: 2231-2196 (Print); eISSN:0975-5241; SJIF: 4.016.
16. Ashma Khatun, Kaushik Sarkar, Partha Pratim Nath, **Mukti Mondal**, Sanghamitra Pal, Goutam Paul. Chocolate brown HT impairs the function of the ovary by depressing the hypothalamic-hypophyseal-ovarian servomechanism in albino rat. *International Journal of Pharma and Bio Sciences*. July, **2017**, 8(3), 344-350. ISSN 0975-6299; SJIF: 7.165.
17. Partha Pratim Nath, Kaushik Sarkar, **Mukti Mondal**, Goutam Paul. Metanil yellow impairs the estrous cycle physiology and ovarian folliculogenesis in female rats. *Environmental Toxicology*. Wiley & Sons, December, **2016**, 31(12):2057-2067. ISSN 1522-7278; IF: 2.937.
18. **Mukti Mondal**, Kaushik Sarkar, Partha Pratim Nath, Goutam Paul. Monosodium glutamate depresses the function of female reproductive system in rat by promoting oxidative stress induced changes in the structure of uterus. *International Journal of Pharma and Bio Sciences*. October-December, **2016**, 7(4), (B) 799-804. ISSN 0975-6299; IF: 7.165 (SJIF).
19. Partha P. Nath, Kaushik Sarkar, **Mukti Mondal**, Goutam Paul. Metanil yellow depresses ovarian functions by inducing oxidative stress in follicular cells. *Journal of Environmental Physiology*. **2015**, 7(1, 2): 25-33. ISSN-0974-7036.
20. **Mukti Mondal**, Kaushik Sarkar, Partha P. Nath, Goutam Paul. Monosodium glutamate depresses cardiac function by promoting the production of cardiovascular risk metabolites and causing hypoxia in cardiac tissues in female rats. *Journal of Environmental Physiology*. **2015**, 7(1, 2): 9-15. ISSN-0974-7036.
21. Partha P. Nath, Kaushik Sarkar, Panchali Tarafder, **Mukti Mondal**, Kamalesh Das, Goutam Paul. Practice of using metanil yellow as food colour to process food in unorganized sector of West Bengal-A case study. *International Food Research Journal*. January, **2015**, 22(4):1424-1428. ISSN 19854668 (Print); ISSN 22317546 (Online).

22. **Mukti Mondal**, Panchali Tarafder, Kaushik Sarkar, Partha P. Nath, Goutam Paul. Monosodium glutamate induces physiological stress by promoting and production of cardiovascular risk metabolites in rat. *International Journal of Pharmaceutical Sciences Review and Research*. July-August, **2014**, 27(1): 328-331. ISSN 0976-044X; IF: 0.65.
23. Kaushik Sarkar, Panchali Tarafder, Partha P. Nath, **Mukti Mondal**, Goutam Paul. Bisphenol A inhibits the motor function of duodenal smooth muscle in rat. *GSTF Journal of Advances in Medical Research (JAMR)*. **2014**, 1(2): 34-38. Print ISSN: 2345-7201, E-periodical: 2345-721X.

**Conference Proceeding: (Total No: 01)**

1. Panchali Tarafder, Kaushik Sarkar, Partha P. Nath, **Mukti Mondal**, Goutam Paul. Bisphenol A Induces Cardiac Risk By Producing Oxidative Stress Linked Ventricular Degeneration And Altering Lipid Metabolism. 1st Annual International Conference on Advanced Research: Physiology (ARP 2014), Singapore, GSTF, 21<sup>st</sup> -22<sup>nd</sup> July, **2014**, 62-64.

**Abstract: (Total No: 30)**

1. **Mukti Mondal**, Kaushik Sarkar, Goutam Paul. Monosodium glutamate impairs the function of blood and cardiovascular system function in rats. Page no 90. 108<sup>th</sup> Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3<sup>rd</sup> to 7<sup>th</sup> January 2023 Medical Science (including Physiology).
2. Kaushik Sarkar, **Mukti Mondal**, Partha Pratim Nath, Goutam Paul. Bisphenol A inhibit the motor function of small intestinal visceral smooth muscle by augmenting the nitrergic signaling pathway. Page no 89. 108<sup>th</sup> Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3<sup>rd</sup> to 7<sup>th</sup> January 2023 Medical Science (including Physiology).
3. Srilekha Bhattacharjee, **Mukti Mondal**, Kuntal Ghosh, Chaitali Dey, Goutam Paul. Tartrazine impairs the female reproductive function in rat. Page no 152. 108<sup>th</sup> Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3<sup>rd</sup> to 7<sup>th</sup> January 2023 Medical Science (including Physiology).
4. **Mukti Mondal**, Goutam Paul. Monosodium Glutamate suppresses the reproductive function of female rat by impairing the female reproductive system function. Page no 72. XXXI<sup>th</sup> Annual Conference (National) of the Physiological Society of India PHYSICON 2019 an extension programme, held on 18-20<sup>th</sup> November 2022 on Recent Trends in Physiology and Healthcare Research for Salubrious Society at Department of Physiology, Bankura Christian College, Bankura, West Bengal, India.
5. Kaushik Sarkar, **Mukti Mondal**, Goutam Paul. Neurocrine mechanism involved in Bisphenol A induced inhibition of motor function of small intestinal visceral smooth muscle. Page no 76. . XXXI<sup>th</sup> Annual Conference (National) of the Physiological Society of India PHYSICON 2019 an extension programme, held on 18-20<sup>th</sup> November 2022 on Recent Trends in Physiology and Healthcare Research for Salubrious Society at Department of Physiology, Bankura Christian College, Bankura, West Bengal, India.
6. **Mukti Mondal**, Kaushik Sarkar, Goutam Paul. Fenugreek (*Trigonella foenumgraecum* Linn.) Seed Extract Protects Monosodium Glutamate Induced Uterine Intoxication. Page no 11. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29<sup>th</sup> April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.

7. Kaushik Sarkar, **Mukti Mondal**, Partha Pratim Nath, Goutam Paul. Vitamin C Protects Duodenal Visceral Smooth Muscle from Bisphenol A Induced Intoxicative Injury. Page no 10. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29<sup>th</sup> April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
8. Srilekha Bhattacharjee, **Mukti Mondal**, Chaitali Dey, Goutam Paul. Tartrazine Suppresses the Reproductive Function by Impairing the Functions of Ovary in Female Rat. Page no 14. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29<sup>th</sup> April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
9. Mahua Guha Roy, Sanghamitra Pal, Souryapriya Mukherjee, **Mukti Mondal**, Mousumi Dutta, Goutam Paul. Fluoride Potentiates Contraction of Duodenal Visceral Smooth Muscle by Augmenting the Activity of Intrinsic Cholinergic Efferents ex vivo in Rat. Page no 37. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29<sup>th</sup> April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
10. Suraiya Parvin, **Mukti Mondal**, Sanghamitra Pal, Goutam Paul. Monosodium Glutamate Potentiates Contraction of Duodenal Visceral Smooth Muscle by Promoting the Activity of Intrinsic Cholinergic Efferents. Page no 74. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29<sup>th</sup> April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
11. Ashma Khatun, Partha P. Nath, **Mukti Mondal**, Sanghamitra Pal, Suraiya Parvin, Mahua Guha Roy, Goutam Paul. Chocolate brown HT impairs sperm production in albino rats by depressing the pituitary-gonadal hormonal axis. Page no. 370. 3<sup>rd</sup> Regional Science and Technology Congress, 2018, Southern region held on 18-19<sup>th</sup> December, 2018 at Bidhannagar College, Government of West Bengal, India.
12. Sanghamitra Pal, Partha P. Nath, **Mukti Mondal**, Ashma Khatun, Suraiya Parvin, Mahua Guha Roy, Goutam Paul. Bisphenol S depresses heart movement by augmenting the cholinergic autonomic efferents. Page no.371. 3<sup>rd</sup> Regional Science and Technology Congress, 2018, Southern region held on 18-19<sup>th</sup> December, 2018 at Bidhannagar College, Government of West Bengal, India.
13. Suraiya Parvin, Partha P. Nath, **Mukti Mondal**, Ashma Khatun, Sanghamitra Pal, Mahua Guha Roy, Goutam Paul. Monosodium glutamate potentiates the contraction of duodenal smooth muscle by augmenting the activity of intrinsic cholinergic efferents and inducing oxidative stress. Page no.366. 3<sup>rd</sup> Regional Science and Technology Congress, 2018, Southern region held on 18-19<sup>th</sup> December, 2018 at Bidhannagar College, Government of West Bengal, India.
14. Mahua Guha Roy, Partha P. Nath, **Mukti Mondal**, Ashma Khatun, Sanghamitra Pal, Suraiya Parvin, Goutam Paul. Fluoride augments contraction of duodenal smooth muscle by inhibiting the activity of acetylcholinesterase at neuromuscular synapse in rat. Page no.367. 3<sup>rd</sup> Regional Science and Technology Congress, 2018, Southern region held on 18-19<sup>th</sup> December, 2018 at Bidhannagar College, Government of West Bengal, India.
15. **Mukti Mondal**, Kaushik Sarkar, Goutam Paul. Monosodium glutamate impairs the contraction of uterine smooth muscle by augmenting intrinsic cholinergic influences in rat (Oral). Page no.124. 25<sup>th</sup> West Bengal State Science and Technology Congress, 2018, held on 4-5<sup>th</sup> March, 2018 at the Science City, Kolkata, West Bengal, India. (**Received award as an outstanding paper**).

16. Sanghamitra Pal, **Mukti Mondal**, Kaushik Sarkar, Partha P. Nath, Ashma Khatun, Goutam Paul. Bisphenol S induces oxidative stress in cardiac tissue in rat model. Page no.118. 25<sup>th</sup> West Bengal State Science and Technology Congress, 2018, held on 4-5<sup>th</sup> March, 2018 at the Science City, Kolkata, West Bengal, India.
17. Suraiya Parvin, Kaushik Sarkar, **Mukti Mondal**, Ashma Khatun, Sanghamitra Pal, Goutam Paul. Monosodium glutamate potentiates the motility of duodenum by augmenting cholinergic signaling pathway in rat. Page no.125. 25<sup>th</sup> West Bengal State Science and Technology Congress, 2018, held on 4-5<sup>th</sup> March, 2018 at the Science City, Kolkata, West Bengal, India.
18. Kaushik Sarkar, **Mukti Mondal**, Partha P. Nath, Goutam Paul. Bisphenol A inhibits duodenal contraction in rat by inducing oxidative stress and stimulating nitric oxide synthase synthesis. Page no.288. 2<sup>nd</sup> Regional Science and Technology Congress, 2017, Southern region held on 14-15<sup>th</sup> December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
19. Ashma Khatun, Kaushik Sarkar, Partha P. Nath, **Mukti Mondal**, Sanghamitra Pal, Goutam Paul. Chocolate brown HT depresses uterine smooth muscle activity through induction of oxidative stress in rat. Page no.310. 2<sup>nd</sup> Regional Science and Technology Congress, 2017, Southern region held on 14-15<sup>th</sup> December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
20. Mahua Guha Roy, Kaushik Sarkar, **Mukti Mondal**, Sanghamitra Pal, Ashma Khatun, Suraiya Parvin, Goutam Paul. Sodium fluoride excites duodenal movements through cholinergic autonomic regulation in rat. Page no.311. 2<sup>nd</sup> Regional Science and Technology Congress, 2017, Southern region held on 14-15<sup>th</sup> December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
21. **Mukti Mondal**, Kaushik Sarkar, Ashma Khatun, Sanghamitra Pal, Goutam Paul. Monosodium glutamate inhibits oxytocin induced contraction of uterus through smooth muscle L-type voltage gated calcium channel (Poster). Page no.124-125. VII Congress of Federation of Indian Physiological Societies (FIPS) & XXIX Annual Conference of Physiological Society of India (PSI) (FIPSPHYSIOCON 2017) held on 5-7<sup>th</sup> November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
22. Ashma Khatun, **Mukti Mondal**, Sanghamitra Pal, Goutam Paul. Chocolate brown HT impairs the function of ovary by suppressing the function of anterior pituitary in rat. Page no.114-115. VII Congress of Federation of Indian Physiological Societies (FIPS) & XXIX Annual Conference of Physiological Society of India (PSI) (FIPSPHYSIOCON 2017) held on 5-7<sup>th</sup> November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
23. Sanghamitra Pal, **Mukti Mondal**, Ashma Khatun, Goutam Paul. Bisphenol S impairs blood corpuscular functions and produces cardiovascular threats in rat. Page no.125. VII Congress of Federation of Indian Physiological Societies (FIPS) & XXIX Annual Conference of Physiological Society of India (PSI) (FIPSPHYSIOCON 2017) held on 5-7<sup>th</sup> November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
24. Suban Baskey, **Mukti Mondal**, Kaushik Sarkar, Kamallesh Das, Goutam Paul. Chlorpyrifos produces cardiovascular risks by impairing lipid metabolism and induces diabetes mellitus by inhibiting the insulin secretion in rat. Page no.175. VII Congress of Federation of Indian Physiological Societies (FIPS) & XXIX Annual Conference of Physiological Society of India (PSI) (FIPSPHYSIOCON 2017) held on 5-7<sup>th</sup> November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
25. Kamallesh Das, Suban Baskey, **Mukti Mondal**, Sanghamitra Pal, Ashma Khatun, Goutam Paul. Chlorpyrifos impairs the contraction of uterine function by inhibiting the secretion of estradiol from the ovary in rat. Page no.89. VII Congress of Federation of Indian Physiological Societies (FIPS) & XXIX Annual Conference of Physiological Society of India

(PSI) (FIPSPHYSIOCON 2017) held on 5-7th November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.

26. **Mukti Mondal**, Kaushik Sarkar, Partha Pratim Nath, Goutam Paul. Monosodium Glutamate Impairs the Function of Uterus in Rats by Promoting Oxidative Stress Induced Changes in the Wall Structure (Oral). Page no.134. National Conference of Physiological Sciences. Physiology National Conference-ASSOPICON 2016 schedule to be held on 15-17 Sep., 2016 at BLDE University, Vijayapur, Karnataka.
27. Kaushik Sarkar, **Mukti Mondal**, Partha Pratim Nath, Goutam Paul. Role of vitamin C in the mitigation of BPA induced inhibition of the motor function of duodenum in rat. Page no.179. National Conference of Physiological Sciences. Physiology National Conference-ASSOPICON 2016 schedule to be held on 15-17 Sep., 2016 at BLDE University, Vijayapur, Karnataka.
28. Partha Pratim Nath, Kaushik Sarkar, **Mukti Mondal**, Goutam Paul. Metanil yellow inhibits the contraction of uterine smooth muscle by inhibiting the production of nitric oxide, decreasing the availability of free  $Ca^{++}$  and inducing the oxidative stress in smooth muscle cells. Page no.137. Physiology National Conference-ASSOPICON 2016 schedule to be held on 15-17 Sep., 2016 at BLDE University, Vijayapur, Karnataka.
29. Suban Baskey, Kaushik Sarkar, **Mukti Mondal**, Partha Pratim Nath, Kamalesh Das, Goutam Paul. Chlorpyrifos produces cardiovascular risks and diabetes mellitus in rat. National Conference of Physiological Sciences. Page no.141-142. Physiology National Conference-ASSOPICON 2016 schedule to be held on 15-17 Sep., 2016 at BLDE University, Vijayapur, Karnataka.
30. Kamalesh Das, Kaushik Sarkar, Partha Pratim Nath, **Mukti Mondal**, Suban Baskey, Goutam Paul. Chlorpyrifos inhibits the contraction of myometrial smooth muscles of uterus by inhibiting the release of female reproductive hormones in estrus phase and during parturition by blocking the action of oxytocin in rats. National Conference of Physiological Sciences. Page no.127. Physiology National Conference-ASSOPICON 2016 schedule to be held on 15-17 Sep., 2016 at BLDE University, Vijayapur, Karnataka.

**Invited talk: (Total No: 03)**

1. 108<sup>th</sup> Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3<sup>rd</sup> to 7<sup>th</sup> January 2023 Medical Science including Physiology.
2. XXXI<sup>th</sup> Annual Conference (National) of the Physiological Society of India PHYSICON 2019 an extension programme, held on 18-20<sup>th</sup> November 2022 on Recent Trends in Physiology and Healthcare Research for Salubrious Society at Department of Physiology, Bankura Christian College, Bankura, West Bengal, India.
3. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29<sup>th</sup> April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.