


Krishnath College Website Information

1.	Staff name	Dr. MuktiMondal
2.	Designation	Assistant Professor in Physiology
3.	Department	Department of Physiology
4.	Date of joining	19.07.2019
5.	Address	Krishnath College, 1 No, Sahid Surya Sen Road, Berhampore, Murshidabad, West Bengal-742101, India
6.	Phone No.	Mob: 9088628829
7.	E-mail	mukti.physiol@gmail.com
8.	Academic Qualification	M.Sc. in Physiology, B.Ed. in Life Sciences, Ph.D. in Physiology
9.	Area of Specialization	Environmental Physiology
10.	Research Interest	Reproductive Toxicology; Environmental Toxicology; Food Toxicology; Gastrointestinal Toxicology; Cardiovascular Toxicology; and Molecular Neurotoxicology.
11.	Publications in Journals	Annexure 1
12.	Publications in books, chapters etc.	NA
13.	Talks/Posters/Papers presented	Annexure 2
14.	Research project (if any)	NA
15.	Recent Passport size color photo	

Annexure 1
Publications in Journals

Research articles: (Total No: 20)

1. **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.
2. AshmaKhatun, ParthaPratimNath, **MuktiMondal**, 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).
3. MahuaGuha Roy, Sanghamitra Pal, KaushikSarkar, **MuktiMondal**, 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>
4. Debarati Roy, MousumiDutta, **MuktiMondal**, KaushikSarkar, 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.
5. AshmaKhatun, **MuktiMondal**, Sanghamitra Pal, SuraiyaParvin and Goutam Paul.Impairment of uterine wall structure by Chocolate Brown HT in rats.Science Archives. **2021**, 2 (2):93-98.ISSN: 2582-6697.
6. SuraiyaParvin, ParthaPratimNath, MousumiDutta, **MuktiMondal**, AshmaKhatun, Sanghamitra Pal, MahuaGuha 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.
7. **MuktiMondal**, KaushikSarkar, 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.
8. **MuktiMondal**, KaushikSarkar, Partha P. Nath, AshmaKhatun, 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.
9. Sanghamitra Pal, KaushikSarkar, Partha P. Nath, **MuktiMondal**,AshmaKhatun, 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.
10. SubanBaskey, KaushikSarkar, **MuktiMondal**, 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.

- 11. MuktiMondal**, KaushikSarkar, 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.
- 12. Kamalesh Das**, KaushikSarkar, ParthaPratimNath,**MuktiMondal**, 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.
- 13. AshmaKhatun**, KaushikSarkar, ParthaPratimNath, **MuktiMondal**, 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.
- 14. ParthaPratimNath**, KaushikSarkar, **MuktiMondal**, 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.
- 15. MuktiMondal**,KaushikSarkar, ParthaPratimNath, 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).
- 16. Partha P. Nath**, KaushikSarkar, **MuktiMondal**, 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.
- 17. MuktiMondal**, KaushikSarkar, 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.
- 18. Partha P. Nath**, KaushikSarkar, PanchaliTarafder, **MuktiMondal**, 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).
- 19. MuktiMondal**, PanchaliTarafder, KaushikSarkar, 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.
- 20. KaushikSarkar**, PanchaliTarafder, Partha P. Nath, **MuktiMondal**, 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. PanchaliTarafder**, KaushikSarkar, Partha P. Nath, **MuktiMondal**, 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, 21st-22nd July, 2014, 62-64.

Annexure 2

Talks/Posters/Papers presented

Invited talk:(Total No: 03)

1. 108th Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3rd to 7th January 2023 Medical Science including Physiology.
2. XXXIth Annual Conference (National) of the Physiological Society of India PHYSICON 2019 an extension programme, held on 18-20th 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 28-29th April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.

National/State Seminar/ Conference/Workshop attended:(Total No: 12)

1. One day Seminar on Equality of Opportunity in Education for Girls held on 30th November, 2022, jointly organized by Department of Education and Department of Political Science, Murshidabad University, Berhampore, West Bengal.
2. One day state level Seminar on Modern Trends in Biological Sciences held on 5th February, 2020, jointly organized by Department of Zoology and Department of Physiology, Krishnath College, Berhampore, Murshidabad.
3. One day seminar for Celebration of Bicentenary birth anniversary of Pandit Iswar Chandra Vidyasagar held on 26th September, 2019 organized by Krishnath College, Berhampore, Murshidabad and sponsored by Higher Education Dept., Govt. of West Bengal.
4. State level seminar on Fundamental and translational researches-Emerging perspectives, 2022, held on 21-22nd April, 2022 at Department of Zoology, Krishnath College, Berhampore, Murshidabad, India.
5. 25th West Bengal State Science and Technology Congress, 2018, held on 4-5th March, 2018 at the Science City, Kolkata, West Bengal, India.
6. 2nd Regional Science and Technology Congress, 2017, Southern region held on 14-15th December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
7. 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.

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8. National Conference of Physiological Sciences. Physiology National Conference-ASSOPICON 2016 schedule to be held on 15-17 Sep., 2016 at BLDE University, Vijayapur, Karnataka.
9. UGC sponsored National Seminar on Impact of Environmental Education on Daily Life. Organized by Shimurali Sachinandan College of Education, Shimurali, Nadia, Held on 16th July, 2013.
10. UGC sponsored National Seminar on Women Empowerment and Environmental sustainability, Organized by Shimurali Sachinandan College of Education, Shimurali, Nadia, Held on 21st - 22nd March, 2013.
11. UGC sponsored National Seminar on Uses of Technology in Mathematical Education. Organized by Shimurali Sachinandan College of Education, Shimurali, Nadia, Held on 11th-12th Sep, 2012.
12. Regional Seminar on Advances in Cancer Research organized by Department of Physiology Krishnath College, Berhampore, Murshidabad, held on 14th Dec, 2008.

Abstract: (Total No: 30)

1. **MuktiMondal**, KaushikSarkar, Goutam Paul. Monosodium glutamate impairs the function of blood and cardiovascular system function in rats. Page no 90.108th Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3rd to 7th January 2023 Medical Science (including Physiology).
2. KaushikSarkar, **MuktiMondal**, ParthaPratimNath, Goutam Paul. Bisphenol A inhibit the motor function of small intestinal visceral smooth muscle by augmenting the nitrenergic signaling pathway. Page no 89.108th Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3rd to 7th January 2023 Medical Science (including Physiology).
3. SrilekhaBhattacharjee, **MuktiMondal**, KuntalGhosh, ChaitaliDey, Goutam Paul. Tartrazine impairs the female reproductive function in rat. Page no 152.108th Indian Science Congress (Indian Science Congress Association Kolkata) held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from 3rd to 7th January 2023 Medical Science (including Physiology).
4. **MuktiMondal**, Goutam Paul. Monosodium Glutamate suppresses the reproductive function of female rat by impairing the female reproductive system function. Page no 72.XXXIth Annual Conference (National) of the Physiological Society of India PHYSICON 2019 an extension programme, held on 18-20th 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. KaushikSarkar, **MuktiMondal**, GoutamPaul. Neurocrine mechanism involved in Bisphenol A induced inhibition of motor function of small intestinal visceral smooth muscle. Page no 76.XXXIth Annual Conference (National) of the Physiological Society of India PHYSICON 2019 an extension programme, held on 18-20th 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. **MuktiMondal**, KaushikSarkar, 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 28-29th April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
7. KaushikSarkar, **MuktiMondal**, ParthaPratimNath, Goutam Paul. Vitamin C Protects Duodenal Visceral Smooth Muscle from BisphenolA Induced Intoxicative Injury. Page no 10. Two Day National Conference on Sustainable Health Science for Future Generations, 2022, held on 28-29th April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
 8. SrilekhaBhattacharjee, **MuktiMondal**, ChaitaliDey, 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 28-29th April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
 9. MahuaGuha Roy, Sanghamitra Pal, Souryapriya Mukherjee, **MuktiMondal**, MousumiDutta, 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 28-29th April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
 10. SuraiyaParvin, **MuktiMondal**, 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 28-29th April, 2022 at Department of Physiology, Kalyani University, West Bengal, India in collaboration with Indian Science Congress Association (ISCA) Kolkata Chapter.
 11. AshmaKhatun, Partha P. Nath, **MuktiMondal**, Sanghamitra Pal, SuraiyaRarvin, MahuaGuha Roy, Goutam Paul. Chocolate brown HT impairs sperm production in albino rats by depressing the pituitary-gonadal hormonal axis. Page no. 370. 3rdRegional Science and Technology Congress, 2018, Southern region held on 18-19th December, 2018 at Bidhannagar College, Government of West Bengal, India.
 12. Sanghamitra Pal, Partha P. Nath, **MuktiMondal**, AshmaKhatun, SuraiyaRarvin, MahuaGuha Roy, Goutam Paul. Bisphenol S depresses heart movement by augmenting the cholinergic autonomic efferents. Page no.371. 3rdRegional Science and Technology Congress, 2018, Southern region held on 18-19th December, 2018 at Bidhannagar College, Government of West Bengal, India.
 13. SuraiyaParvin, Partha P. Nath, **MuktiMondal**, AshmaKhatun, Sanghamitra Pal, MahuaGuha 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. 3rdRegional Science and Technology Congress, 2018, Southern region held on 18-19th December, 2018 at Bidhannagar College, Government of West Bengal, India.
 14. MahuaGuha Roy, Partha P. Nath, **MuktiMondal**, AshmaKhatun, Sanghamitra Pal, SuraiyaParvin, Goutam Paul. Fluoride augments contraction of duodenal smooth muscle by inhibiting the activity of acetylcholinesterase at neuromuscular synapse in rat. Page no.367. 3rdRegional Science and Technology Congress, 2018, Southern region held on 18-19th December, 2018 at Bidhannagar College, Government of West Bengal, India.

15. **MuktiMondal**, KaushikSarkar, Goutam Paul. Monosodium glutamate impairs the contraction of uterine smooth muscle by augmenting intrinsic cholinergic influences in rat (Oral). Page no.124. 25th West Bengal State Science and Technology Congress, 2018, held on 4-5th March, 2018 at the Science City, Kolkata, West Bengal, India. **(Received award as an outstanding paper)**.
16. Sanghamitra Pal, **MuktiMondal**, KaushikSarkar, Partha P. Nath, AshmaKhatun, Goutam Paul. Bisphenol S induces oxidative stress in cardiac tissue in rat model. Page no.118. 25th West Bengal State Science and Technology Congress, 2018, held on 4-5th March, 2018 at the Science City, Kolkata, West Bengal, India.
17. SuraiyaParvin, KaushikSarkar, **MuktiMondal**, AshmaKhatun, Sanghamitra Pal, Goutam Paul. Monosodium glutamate potentiates the motility of duodenum by augmenting cholinergic signaling pathway in rat. Page no.125. 25th West Bengal State Science and Technology Congress, 2018, held on 4-5th March, 2018 at the Science City, Kolkata, West Bengal, India.
18. KaushikSarkar, **MuktiMondal**, 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. 2nd Regional Science and Technology Congress, 2017, Southern region held on 14-15th December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
19. AshmaKhatun, KaushikSarkar, Partha P. Nath, **MuktiMondal**, Sanghamitra Pal, Goutam Paul. Chocolate brown HT depresses uterine smooth muscle activity through induction of oxidative stress in rat. Page no.310. 2nd Regional Science and Technology Congress, 2017, Southern region held on 14-15th December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
20. MahuaGuha Roy, KaushikSarkar, **MuktiMondal**, Sanghamitra Pal, AshmaKhatun, SuraiyaParvin, Goutam Paul. Sodium fluoride excites duodenal movements through cholinergic autonomic regulation in rat. Page no.311. 2nd Regional Science and Technology Congress, 2017, Southern region held on 14-15th December, 2017 at University of Kalyani, Kalyani, West Bengal, India.
21. **MuktiMondal**, KaushikSarkar, AshmaKhatun, 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 5-7th November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
22. AshmaKhatun, **MuktiMondal**, 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 5-7th November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
23. Sanghamitra Pal, **MuktiMondal**, AshmaKhatun, 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 5-7th November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
24. SubanBaskey, **MuktiMondal**, KaushikSarkar, Kamalesh 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 5-7th November, 2017 at Defense Institute of Physiology & Allied Sciences, Timarpur, Delhi, India.
25. Kamalesh Das, SubanBaskey, **MuktiMondal**, Sanghamitra Pal, AshmaKhatun, 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. **MuktiMondal**, KaushikSarkar, ParthaPratimNath, 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. KaushikSarkar, **MuktiMondal**, ParthaPratimNath, 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. ParthaPratimNath, KaushikSarkar, **MuktiMondal**, 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. SubanBaskey, KaushikSarkar, **MuktiMondal**, ParthaPratimNath, 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, KaushikSarkar, ParthaPratimNath, **MuktiMondal**, SubanBaskey, 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.