



Mr. Prosenjit Mukherjee

M.Pharm (Pharmaceutical Chemistry), MBA.

Associate Professor

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Areas of Interest / Research Interest

Most precisely my interest is centralized in the field of Pharmacodynamics. The other favorable subjects are different forms of chemistry. Recently my projects and my interests are related to Analytical Chemistry.

Publications in National and International Journals and Periodicals

*Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal, Palash Chandra Biswas, Kunal Datta, Paramita Karmakar and Samiran Sadhukhan. In vitro and In-silico Study of the Plant Extract of *Barleria lupulina* with the Evaluation of it's Antibacterial and Antioxidant Properties. Indian Journal of Natural Sciences. Vol.15 / Issue 85 /August/ 2024. 77823- 77832. (Web of Sciences).*

Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal and Paramita Karmakar. A Statistically Validated Electrochemical Study of Some Metal Ligand Complex with the Evaluation of Its Physicochemical and Potential Biological Properties. Indian Journal of Natural Sciences. Vol.15 / Issue 83 / Apr / 2024. 71930- 71943. (Web of Sciences).

*Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal and Palash Chandra Biswas. In vitro and In-silico Study of the Plant Extract of *Bixa orellana* L. with the Evaluation of It's Antibacterial and Antioxidant Properties. Indian Journal of Natural Sciences. Vol.14 / Issue 82 / Feb / 2024. 68444- 68452. (Web of Sciences).*

Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal, Urmistha Sarkar and Kunal Datta. In vitro and in-silico Study of the Plant Extract of Putranjiva roxburghii Wall with the Evaluation of it's Antibacterial and Antioxidant Properties. Indian Journal of Natural Sciences. Vol.14 / Issue 81 / Dec / 2023. 66618- 66626. (Web of Sciences).

Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal, Kunal Datta, Arnab Goswami, Paramita Karmakar, Diptendu Sekhar Biswas, Reshmi Mukherjee. A Statistically Validated Electrochemical (Conductometric) and Spectroscopical Study of Some Metal Ligand Complexes for Prospective Biological Action. Saudi Journal of Medical and Pharmaceutical Sciences. Feb, 2023; 9(2): 94-128. (International)

*Ananya Bhowmick, Prosenjit Mukherjee, Rahaman Mehedi Mamud, Monit Paul, Anusree Raha and Anindya Bagchi. Evaluation of in-vitro coagulation activity of *Acalypha wikesiana* extract on blood plasma of poultry bird. The Pharma Innovation Journal. 2020; 9(2): 290-292.*

Sachin Mondal, Abhinav Kumar Singh, Amir Uddin Mallick, Pranoy Ghosh, Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee and Monit Paul. A detailed statistical study of drinking water with its permissible limit in Chakdaha area. The Pharma Innovation Journal. 2020; 9(1): 243-249.

Ankit Paul, Debjit Paul, Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee and Monit Paul. Statistically validated chromatographic study of salicylate and aniline derivatives of NSAID. The Pharma Innovation Journal. 2019; 8(7): 734-739.

*Soumyajit Senapati, Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Paul and Dr. Abhik Si. Evaluation of antimicrobial activity of *Azadirachta indica* bark extract. The Pharma Innovation Journal. 2019; 8(6): 691-694.*

Supratim Barman, Monit Pal, Mritunjoy Majumder, Anindya Bagchi, Anusree Raha and Prosenjit Mukherjee. Activity of ginseng on central nervous system. The Pharma Innovation Journal. 2019; 8(5): 420-422.

*Sumit Sarkar, Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Paul, Sourav Roy and Rahaman Mehedi Mamud. In vitro anticoagulant activity of *Datura stramonium* flower extracts on blood plasma of poultry bird. The Pharma Innovation Journal. 2019; 8(4): 1146-1148.*

Sourav Ghosh, Monit Paul, Anusree Raha, Prosenjit Mukherjee, Anindya Bagchi, Abhik Si. Statistical evaluation of biochemical oxygen demand of river water. Advance Pharmaceutical Journal. 2018; 3(4):118-120. DOI: <https://doi.org/10.31024/apj.2018.3.4.2>.

Urmistha Sarkar, Anusree Raha, Prosenjit Mukherjee, Monit Paul, Anindya Bagchi. Development and evaluation of Metronidazole containing topical gel using different gelling agents. *Asian Journal of Pharmacy and Pharmacology.* 2018; 4(6):785-789. DOI: <https://doi.org/10.31024/ajpp.2018.4.6.10>.

Anusree Raha, Shreya Bhattacharjee, Prosenjit Mukherjee, Monit Paul, Anindya Bagchi. Design and Characterization of Ibuprofen Loaded Alginate Microspheres Prepared by Ionic Gelation Method. *Int J Pharma Res Health Sci.* 2018; 6 (4): 2713-16. DOI:10.21276/ijprhs.2018. 04.12.

Samiran Ghora, Oindrila Halder, Anindya Bagchi, Prosenjit Mukherjee, Anusree Raha, Monit Pal. Validated Non-Aqueous Conductometric Studies of Ibuprofen in Formulation. *Int. J. Pharma Res Health Sci.* 2018; 6 (3): 2643-46. DOI:10.21276/ijprhs.2018. 2018. 03.15.

Nilanjan Samanta, Rumiya Biswas, Susmita Pal, Anindya Bagchi, Prosenjit Mukherjee, Anusree Raha, Monit Pal, Abhik Si. Validation and comparative electrochemical analysis of aspirin in formulation. *Asian Journal of Pharmacy and Pharmacology.* 2018; 4(3): 293-298. DOI: <https://doi.org/10.31024/ajpp.2018.4.3.9>.

Aditi Pal, Monit Pal, Prosenjit Mukherjee, Anindya Bagchi, Anusree Raha.* Determination of the hardness of drinking packaged water of Kalyani area, West Bengal. *Asian Journal of Pharmacy and Pharmacology.* 2018; 4(2): 203-206. DOI: <https://doi.org/10.31024/ajpp.2018.4.2.17>.

Abhishek Ghara, Dr. Abhik Si, Mritunjoy Majumder, Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal, Ranajoy Kr. Saha, Souvik Basu.* A detailed study of Transition Metal Complexes of a Schiff base with its physicochemical properties by using an electrochemical method. *Chronicles of Pharmaceutical Science.* Volume 1; Issue 3; 2017. Page no: 120-134.

Anirban Tewari, Anindya Bagchi, Anusree Raha, Prosenjit Mukherjee, Monit Pal.* Preparation, Estimation and Validation of the parameters of the standard curve of Ibuprofen by comparative study. *Asian Journal of Pharmacy and Pharmacology.* 2017; 3(3): 79-85.

Anusree Raha1, Anindya Bagchi, Prosenjit Mukherjee, Monit Paul.* Study of the effect of co-solvent on the critical micelle concentration (cmc) of sodium lauryl sulphate. *International journal of recent advances in pharmaceutical research.* 2016; 6(3): 122-127.

Anusree Raha1, Anindya Bagchi, Prosenjit Mukherjee, Monit Paul.* Anti-inflammatory effect of diclofenac of zn-al-layered double hydroxide nanocomposites on carrageenan – induced paw edema in wistar albino rat. *International journal of recent advances in pharmaceutical research* 2016; 6(3): 89-95.

Anindya Bagchi*, Anusree Raha, Prosenjit Mukherjee, Shouraj Chokroborty, Imteyaz Hossain. Development and validation of a comparative study of standardization process between titrimetric method and a method of electrochemistry (Potentiometry). *International journal of recent advances in pharmaceutical research*. 2016; 6(2): 19-27.

Prosenjit Mukherjee¹, Anindya Bagchi*, Anusree Raha, Monit Paul. Preparation, estimation and validation of the parameters of the standard curve of norfloxacin. *International journal of recent advances in pharmaceutical research*. 2016; 6(2): 10-18.

Prosenjit Mukherjee¹, Anindya Bagchi*, Anusree Raha. Preparation, estimation and validation of the parameters of the standard curve of vitamin B₆. *International journal of recent advances in pharmaceutical research*. 2016; 6(2): 1-9.

Anindya bagchi *, Anusree Raha, Prosenjit Mukherjee, Wriju Bhattacharjee, Piyali Saha. "Development and validation of a comparative study of standardization process between titrimetric method and a method of electrochemistry". *International journal of recent advances in pharmaceutical research*. 2016; 6(1): 50-58.

Anindya Bagchi *, Anusree Raha, Prosenjit Mukherjee. "A complete review on parthenium hysterophorus linn". *International journal of recent advances in pharmaceutical research*. 2016; 6(1): 42-49.

Anindya Bagchi*¹, Anusree Raha¹, Prosenjit Mukherjee¹. "Swine flu- review of a globally outbreak terror". *International journal of recent advances in pharmaceutical research*. 2015; 5(4): 49-57.

Anusree Raha*¹, Anindya Bagchi¹, Prosenjit Mukherjee¹. "Synthesis and characterization of oral controlled release formulation based on zinc-aluminum-nitrate-layered double hydroxides nanocomposites intercalated with diclofenac sodium". *International journal of recent advances in pharmaceutical research*. 2015; 5(3): 277-284.

Anindya Bagchi*¹, Prosenjit Mukherjee¹, Anusree Raha¹. "A review on transition metal complex-modern weapon in medicine". *International journal of recent advances in pharmaceutical research*. 2015; 5(3): 171-180.

Prosenjit Mukherjee*¹, Anindya Bagchi¹, Anusree Raha¹. "Simultaneous determination and method validation of ranitidine hydrochloride and itopride hydrochloride by uv-spectrophotometer". *African Journal of Pharmacy and Pharmacology*. Vol. 9(33), pp. 834-842, 8 September, 2015. DOI: 10.5897/ AJPP 2015.4379. (International)

Anindya bagchi^{1*}, Prosenjit Mukherjee¹, Anusree Raha ¹. “Development and validation of uv spectrophotometric method for estimation of erythromycin in bulk drug and pharmaceutical formulation”. *International journal of recent advances in pharmaceutical research*. 2015; 5(3): 71-76.

Anindya bagchi*, Prosenjit Mukherjee, Anusree Raha, Sarmistha Bhowmik. “Synthesis, characterization and antibacterial activity of a novel curcumin metal complex”. *International Journal of Drug Development and Research*. Volume 7(2): 011-014 (2015)-0011. (Scopus). (International)

Bagchi Anindya*, Mukherjee Prosenjit, Raha Anusree. “Synthesis and characterization of a novel schiff base”. *UJP*, 2015; 04 (03):64-69.

Bagchi Anindya*, Raha Anusree, Mukherjee Prosenjit, Ali Tausif M. “Curcumin extraction: best solvent on the basis of spectrophotometric analysis”. *UJP*, 2015; 04 (02): 48-52.

Bagchi Anindya*, Semwal Alok, Narang Kaur B, Jassal M, Mukherjee Prosenjit. ”Curcumin and Curcumin metal Complex-ancient weapon, modern target”. *UJP*, 2013; 02 (02):8-19.

Anindya Bagchi^{1*}, P. Mukherjee^{**}, Indeerjet kaur, Ramandeep Singh, Alok Semwal. “Development and validation of uv spectrophotometric method for estimation of deflazacort in bulk drug and pharmaceutical formulation”. *International journal of Drug Development and Research*. July-Sept. 2012, 4(3):369-373. (Scopus). (International)

Google Scholar Citations

Citations: 139

h-index: 06

i10-index: 05

Scopus Index Profile

Citations: 18

h-index: 02

Paper(s) presented in Seminars / Conferences / Symposia

Webinar - 10

Refreshers courses:

“e-Faculty Development programme (e-FDP) - Theme- Teaching Learning Process and Recent Advancement in Pharmacy. (26-28 August 2022) in association with NSCBIP and APTI branch, West Bengal.

Faculty Development Programme, Theme- “Educational Methodology and Recent Advancements in Pharmacy” organized by Netaji Subhas Chandra Bose Institute of Pharmacy in collaboration with Association of Pharmaceutical Teachers of India (APTI), West Bengal Branch on 15th-17th October 2023.

Faculty Development Programme, Theme- Research and Patenting in Pharmacy- “A recent update” organized by Netaji Subhas Chandra Bose Institute of Pharmacy in collaboration with Association of Pharmaceutical Teachers of India (APTI), West Bengal Branch on 17th to 23rd August 2024.

Books/Book Chapter(s) written

Publication year	Title of the book / chapter	Author(s)
Nil	Nil	Nil

Number of PG Projects guiding/guided

4

Number of UG Projects guiding/guided

Guided: 40

Number of Ph.D. Projects guiding/guided

Nil

Awards /Achievements

Year	Award / Recognition	Agencies (International / Central Govt. / State Govt.)
NA	NA	NA

*Required by NIRF Ranking

Intellectual Property Rights (IPR) & Patents

Year	IPR / Patent Title	Published / Granted
NA	NA	NA

*IPR includes copyrights, trademarks, patents, industrial design rights and trade secrets.

Sponsored Research Details

Financial Year	Project Title	Funding Agency	Amount Received
Nil	Nil	Nil	Nil

*Required by NIRF

Consultancy Project Details

Financial Year (FY)	Project Title	Client Organization	Amount Received
Nil	Nil	Nil	Nil

*Required by NIRF

Member of Professional Bodies

NA

Blogs written/maintained

NA

Massive Open Online Course (Mooc) completed

Year	Title of the course	Duration	Mooc Platform	Status (Certified / Not certified)
2020	Wildlife Conservation	8 weeks	NPTEL	Certified
2020	World Film Studies	8 weeks	NPTEL	Not certified
2020	Spectroscopy	8 weeks	NPTEL	Not certified

