

CURRICULUM VITAE

Dr. MRINMOY BASAK

M. Pharm, PhD

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AREA OF SPECIALISATION

PHARMACOGNOSY

ACADEMIC PROFILE

Qualification	Board / University	Year	Result
PhD	Assam down town University	2018	Completed
M. Pharm	Sikkim University (Central)	2010	73.07%
B. Pharm	North Bengal University	2008	73.66%
Class 10+2	W.B.C.H.S.E	2004	60.06%
Class 10	W.B.S.E	2002	77.5%

ACADEMIC PROJECTS

PhD: - Pharmacognostical, Phytochemical and Pharmacological studies on some Ethnomedicinal Plants of North Eastern Region and An Approach towards Formulation Design

M. Pharm: - Evaluation of Pharmacognostical, Phytochemical and Pharmacological activity of *Houttuynia cordata*, Thumb

PUBLICATION

1. Das trishna *, mishra shanti bhushan, **Basak M**, mohanty j.p., shil dibyendu, "Evaluation of phytochemical screening and anti-fertility activity of *curcuma*

- aromatica salisb*”, *International Journal of Pharmaceutical sciences and research*, 2010, 1(1), 18-22.
2. Dibyendu Shil*, Mohamed Saleem, Pulak Deb, **Basak M**, “The Effect of Leaf of *Nepenthes khasiana* Hook on Dexamethazone Induced *Diabetes mellitus*”, *Global Journal of Pharmacology*, 2010, 4(2), 62-650.
 3. **Basak M**, B.R. Sarkar, B.K. Dey, J.P. Mohanty, T. Das, T. Uriah, D. Shil, B.J. Sahariah, “Ethanollic extract of the leaves of *Houttuynia cordata* Thunb. Produces anti-diarrhoeal and gastrointestinal motility slowing effects in albino rat”, *International Journal of Research phytochemistry and pharmacology*, 2011, 1(4), 235-238
 4. Nimavat., B., Mohan., S., Saravanan., S., Patel., MP., Deka., S., Talukdar., A., Sarma, RK., **Basak M**, “Syntheses, Characterization and Antioxidant Activity of Some Oxadiazoles”, *Asian Journal of Chemistry*, 2013, 25(3), 1691-1694.
 5. Kalita, P. Deka, S. Saharia, BJ. **Basak M**. (2014). An Overview and Future Scope on Traditionally Used Herbal Plants of Assam Having Antidiabetic Activity. *International Journal of Advances In Pharmacy, Biology And Chemistry*, 3(2), 23-27.
 6. **Basak M**, Faruk Alam, Biplab Kumar Dey, Manoj kumar Deka, Arpita Chakraborty, “Synthesis, characterization, analgesic, anti-inflammatory and antimicrobial activities of some novel pyrazoline derivatives”. *International journal of advances in pharmaceutical research*. 2014, 5(4); 2230-7583.
 7. Pallab Kalita*, Arpita Chakraborty, **Basak M**, Kamal Sharma, Sunita Lahkar, “Ebola disease, treatment and prevention: a short introduction”, *Indo americal journal of pharmaceutical sciences*. 2015, 2(1); 559-562.
 8. Kalita, P. **Basak., M.**, Kandar., C., C., (2015). Phytochemical And In Vitro Antioxidant Activities Of Kolakhar: A Locally Used Herbal Soda Of Assam, India. *Research Journal Of Pharmaceutical, Biological And Chemical Sciences*, 6(3) , 1117-1122.
 9. Sen S., Chakraborty, R., Maramsa., N., **Basak M.**, Deka., S., Dey., S “In vitro anti-inflammatory activity of *Amaranthus caudatus* L. leaves”, *Indian Journal of Natural Products and Resources (IJNPR)[Formerly Natural Product Radiance (NPR)]*, 2015, 6(4),326.

10. **Basak M.** And Dey B. K, “Phytochemical and antipyretic potential of ethanolic leaf Extract of *Heliotropium indicum L*”, *Journal of Applied Pharmaceutical Research*”, 2016, 4(2), 06-10.
11. **Basak M.** And Dey B. K, “Phytochemical and antiulcer potential of ethanolic leaf Extract of *Houttuynia cordata*, Thumb”, *American Journal of Pharmatech Research*, 2016, 6(5), 656-667.
12. Alam., F., Dey., BK., Chakraborty., A., **Basak., M**, “Synthesis, characterization and biological evaluation some novel Schiff base and mannich base of isatin and its derivatives with benzimidazole”, *Innovations in Pharmaceuticals and Pharmacotherapy*, 2016, 4(1), 177.
13. **Basak M***, “Phytochemical and antiulcer potential of ethanolic leaf extract of *Heliotropium indicum Linn.*”, *Research journal of Pharmacy and Technology*, 2019 (Accepted)
14. **Basak M***, Bhattacharjee S, “Indigenous Plants in North East India; Review on Anti-Ulcer activity containing Plants”, *International Journal of Research and Analytical Reviews*, 7(3), 366-376.
15. **Basak M***, “A Review on Non-target Toxicity of Deltamethrin and Piperonyl Butoxide; Synergist”, *Journal of Pharmaceutical Research International*. 2021; 33 (51B): 85-89.
16. **Basak M***, Laskar MA, Goswami P, “Evaluation of anti-oxidant and anti-pyretic activity of fruits of *Garcinia pedunculata*”, *Research journal of Pharmacy and Technology*, 2020.
17. **Basak M**, Bhattacharjee S*, Mukharjee P, “Review: anti-ulcer activity containing indigenous plants in india”, *World journal of pharmacy and pharmaceutical sciences*, 9(7), 900-917.
18. Laskar MA*, Goswami P, **Basak M**, “A review on traditionally used medicinal plants for treatment of infertility in north- east (india), *International Journal of Modern Pharmaceutical Research*, 4(4),57-60.
19. Choudhury RA*, **Basak M**, “Ethno medicinal plant used for aphrodisiac activity in north-east, India, *Journal of pharmaceutical research international*, 33(38B):314-322.
20. **Basak M**, Gogoi P, Ansari SH, Dey BK, Sen S, Laskar MA, Evaluation of antioxidant and anti-pyretic activity of leaf of *Dendrobium chrysanthum*, *Journal of pharmaceutical research international*, 33 (33A), 389-394.

21. **Basak M**, Laskar MA, Pharmacological Potentials of *Alstonia scholaris* and *Enhydra fluctuans*: A Comprehensive Review. Bull. Env. Pharmacol. Life Sci., Vol 11 [7] June 2022: 237-242.
22. Goswami P, Laskar MA, **Basak M**, A Review on Medicinal Plants of North Eastern Region with Potential Antifertility Activity. Asian Journal of Pharmaceutical Research and Development. 2020; 8(3): 162-165.
23. **Basak M**, Biplab Kumar Dey, Moksood Ahmed Laskar, Priyanka Goswami, Md. Rejwan Ahmed Choudhury*, Journal of Pharmaceutical Research International 2021; 33(48A): 279-292.
24. Laskar M, **Basak M*** phytochemical screening, antioxidants and fertility enhancing potential of *Alstonia scolaris* bark in male albino wistar rats. A Journal for New Zealand Herpetology. 2023; 12 (03) ISSN NO: 2230-5807.
25. Laskar MA and **Basak M*** Fertility Enhancing Potential of Aerial Part of *Enhydra fluctuans* in Male Albino wistar Rats. Indian Journal of Natural Sciences. 2023; 14 (79); 57828-57834.
26. **Basak M**, Dey BK, Ansari SH, Laskar MA, Goswami P, Choudhury MDRA. A Review on the Reported Antibacterial Activity of 1, 3, 5-Triazine. Journal of Pharmaceutical Research International. 2021; 33 (48); 279-292.
27. Talukdar J, Malik A, Sarma MP, Bhattacharjee M, **Basak M**, Overexpression of Interleukin-8 and Interleukin-13 as potent immune markers associated with survival and dietary habits in esophageal squamous cell carcinoma. bioRxiv preprint doi: <https://doi.org/10.1101/2022.10.17.512528>.
28. Singh R. R, Sarma M. P, **Basak M**, Devi R. Characterization of *Antheraea assamensis* Cocoon Proteins as a Potential Candidate Against Urinary Tract Infection. Biosci Biotech Res Asia 2023;20(2).
29. Kumar A, **Basak M***, Compressive review on plant profile, phytochemistry and pharmacology of *Cordia obliqua* willd. Bio Gecko A Journal for New Zealand Herpetology. 2023; 12 (03); ISSN NO: 2230-5807.
30. Kalita P, Sarma M & Bhagawati P, & **Basak M**. *Centella asiatica* and *Oldenlandia corymbosa* as a rich source of bioactive compounds. Biospectra. 2023; 18. 171-175.
31. **Basak M**, Goswami DS, Das M, Pramanik S. Formulation and evaluation of Dispersible tablet of amlodipine basylate. British Journal of Pharmaceutical and Medical Research. 2022; 7 (03); 3891-3896.

32. Dubey A, **Basak M**, Dey B and Ghosh N. Queen of all herbs (*Asparagus racemosus*): an assessment of its botany, conventional utilization, phytochemistry and pharmacology. Research Journal of Biotechnology. 2023; 18 (6); 146-154.

BOOK

Title of the Book	Name of Publisher	Year	ISBN No.
Pharmacological Screening of Plants	Scholars' Press , is an imprint of SIA Omni Scriptum Publishing, European Union	2019	978-613-8-66260-0

PROFESSIONAL PROGRAM/ TRAINING

Sl No	Program Attended	Topic	Date
1.	60 th Indian Pharmaceutical Congress	Pharma Vision 2020-Regulation for better healthcare held at New Delhi	12 th to 14 th December, 2008
2.	60 th Indian Pharmaceutical Congress	Pharma Vision 2020-Regulation for better healthcare held at Ahmedabad	11 th to 13 th December, 2009
3.	National Seminar	Herbal Drugs Development-Trends & Future Prospect in Sikkim Himalayan Region	2008
4.	Staff Development Program	Development, valuation and standardization of classic Indian Formulations	6 th to 17 th May, 2012
5.	1 st Regional Seminar; SFE-India, Guwahati	Pharmacovigilance of natural products-A preliminary approach	26 th September, 2015

PAPER PRESENTED/ PUBLISHED IN CONFERENCE

Sl No	Title of the Paper	Conference
1.	Phytochemical screening and pharmacological activity study of leaves of Hibiscus Rosa- Sinensis	2 nd International conference on “Frontiers of pharmaceutical science and research”
2.	Synthesis and biological effects of new derivatives of benzotriazole as analgesic and antiinflammatory agents	2 nd International conference on “Frontiers of pharmaceutical science and research”
3.	Synthesis and antimicrobial screening of some heterocyclic compounds containing benzimidazole nucleus	International Conference on Research &Development in Pharmaceutical Sciences-Global scenario
4.	Antipyretic activity of ethanolic extract of Thevetia Peruviana in Brewer’s yeast induced pyrexia	Recent Advances and scope in herbal technology; challenges and prospect
5.	Evaluation of Antidiabetic Activity of Fruits of <i>Sechium Edule</i>	IPA national convention, 2018
6.	Evaluation of Anthalmentic Activity of Dried Fruits of the Plants of <i>Garcinia Cowa</i>	IPA national convention, 2018
7.	Design, Synthesis, Charecterization and Antimicrobial Screening of some Novel Derivatives of Benzotriazole	IPA national convention, 2018
8.	Synthesis and Characterization of Diphenylallylidene analogues as antimicrobial agents	National conference on Translational Drug Discovery: Current Trends and Future Interventions (TDDCTFI)-2018
9.	Synthesis and evaluation of some novel mannich base of thiazolidine-2, 4-dione as oral antihyperglycemic agents	National Seminar sponsored by MPCST on “Challenges and recent trends in drug discovery and drug targeting”

ACCADEMIC ACHIEVEMENTS

Qualified GPAT 2010

PROFESSIONAL WORK EXPERIENCE

- Working as **Professor** since August, 2022.
- Working as **Associate Professor** since July, 2019.
- Working as **Assistant Professor** since July, 2010.
- Working as **Head of the Department** since August, 2019.
- Working as **Program Coordinator** since August, 2017.
- Working as **Director of International Affairs** since August, 2019.
- Working as Dean-International Affairs since November, 2018.
- Working experience on PCI and AICTE work coordination.
- Appointed as **Officer In Charge** for University final examination.
- Looking after all the administrative work to the department.
- Working as **Global Student Outreach Representative** to look after the student’s external affairs of Bangladesh, Nepal, Bhutan, Myanmar, South Africa etc.

- Appointed as an external examiner and evaluator at West Bengal university of health sciences (Institute of Pharmacy, Jalpaiguri), Institute of Pharmacy, Gauhati medical college, Srimanta Sankaradeva University of health sciences, RIPANS (Mizoram University), Sikkim University etc.