



## CV OF PRITESH RANJAN DASH, Ph.D

### PROFESSIONAL EXPERIENCE

**Assistant Professor**, Department of Pharmacy, **Primeasia University, Bangladesh** from 1<sup>st</sup> March 2024, till date.

**Lecturer**, Department of Pharmacy, **University of Science and Technology Chittagong (USTC)** from 21<sup>st</sup> May 2023 to 29<sup>th</sup> February 2024.

**Lecturer**, Department of Pharmacy, **Primeasia University, Bangladesh** from January 2022 to 19<sup>th</sup> May 2023.

**Teaching Assistant**, Department of Pharmacy, **BRAC University, Bangladesh** from 06-10-2013 to 29-12-2016.

### RESEARCH CONDUCTED

Supervised undergraduate and MS project as well as MS thesis for many students related to the following research areas: **Phytochemistry and Pharmacology**.

### CURRENT RESEARCH GRANT

**R&D Research Grant 2023-24**, financed by the **Ministry of Science and Technology, Government of People's Republic of Bangladesh**.

### OBJECTIVE

To be an innovative teaching professional with progressive experience in research and technology as I enjoy teaching and have immense interest in research.

### EDUCATIONAL HISTORY

#### **Doctor of Philosophy (PhD)**

Institution: Jahangirnagar University, Savar, Dhaka  
Program: Ph. D  
Awarded Year: 2021

#### **Master of Philosophy (M. Phil)**

Institution: Jahangirnagar University, Savar, Dhaka  
Program: M. Phil (Part-1)  
Passing year: 2015  
Result: 66.5%

#### **Master of Pharmacy (M. Pharm)**

Institution: Stamford University Bangladesh  
Program: M. Pharm (Thesis Group)  
Passing year: 2012  
Result: 3.86 (Out of 4 Scales)

### PhD RESEARCH WORK

Thesis on "**Evaluation of Biological Activities and Structure Elucidation of Secondary Metabolites from *Polygonum flaccidum***" carried out under the supervision of **Dr. Md. Sohel Rana, Professor**, Dept. of Pharmacy, Jahangirnagar University, Savar, Dhaka.

### M. PHARM THESIS WORK

Thesis on '**Biological and Chemical Investigations of *Kaempferia galanga***' carried out under the supervision of **Dr. Md. Shawkat Ali, Professor**, Faculty of Pharmacy, University of Dhaka.

### B. PHARM PROJECT WORK

Project on '**Phytochemical Screening and Pharmacological Investigations of *Hedychium coronarium***' carried out under the supervision of **Moni Rani Saha**, Assistant Professor, Department of Pharmacy, Stamford University Bangladesh.

### MY RESEARCH TEAM

#### **Natural Products Research Team (NPRT)**

The Natural Products Research Team is dedicated to discovering and developing novel medicines from nature. Our work focuses on isolating bioactive compounds from plants and other natural sources, followed by evaluating their therapeutic potential through in-vitro (laboratory-based) and in-vivo (animal-based) experimental studies. By integrating traditional knowledge with modern scientific techniques, we aim to identify safe and effective natural products that can contribute to the development of new drugs.

**GROUP LEADER:** Prof. Dr. Md. Sohel Rana (Jahangirnagar University). **Group Member:** Dr. Raquibul Hasan (Mercer University, USA), Dr. Pritesh Ranjan Dash (Primeasia University), Tasnia Binte Bari Kabbo (Eastern University)

**Website:** <https://nprtbtd.com/>

**2025**

1. Kabbo TBB, Rahman FS, Rana MS, and **Dash PR (2025)**. Evaluation of Antioxidant, Cytotoxic, and Anticancer Activities of Methanol Extract of *Annona reticulata* Linn. *Leaves Scientifica* (Cairo) 2025: 5166065
2. Kabbo TBB, Rana MS, and **Dash PR (2025)**. Assessment of In Vivo Analgesic, Anti-Inflammatory and Wound Healing Properties of Aqueous Leaf Extract of *Annona reticulata* Linn. *The Scientific World Journal*; 2025: 535663.
3. Kabbo TBB, **Dash PR**, Anika AJ, Timon NT, Nowrin T, Bashar SB and Rana MS (2025). Evaluation of Antioxidant and Cytotoxic Potentials against the EAC cell line Aqueous Extract of *Annona reticulata* Linn. *Leaves. Biomed. Pharmacol. J.* 18(3).BPJ-8363.
4. Shuvo AUH, Alimullah M, Jahan I, Mitu KF, Rahman MJ, Akramuddaula K, Khan F, **Dash PR**, Subhan N, Alam MA **(2025)**. Evaluation of Xanthine Oxidase Inhibitors Febuxostat and Allopurinol on Kidney Dysfunction and Histological Damage in Two-Kidney, One-Clip (2K1C) Rats. *Scientifica* (Cairo) 2025: 7932075.
5. Maria NN, Jannat N, Nisat UT, Jahan N, and **Dash PR. (2025)**. Assessment of Analgesic, Antioxidant, and Antiinflammatory potential of Citrus maxima (Burm.) Merr. Seed solvent fractions on Swiss albino animal model. *Trop J Nat Prod Res.* 9(2): 561 -567
6. Begum T, Nasrin M, Ahsan M and **Dash PR (2025)**. Analgesic and CNS depressant activities of the methanolic extract of *Hemigraphis hirta*. *Int J Pharmacognosy*, 12(3): 100-05

**2024**

7. Absar KMB, Rifat HBS M, Das S, Eisha JA, Das TR, & **Dash PR.** (2024). Phytochemical and Pharmacological Properties of *Oxalis corniculata*: A Review. *Tropical Journal of Phytochemistry and Pharmaceutical Sciences*, 3(7), 364–374.
8. Ripa FA, Bishakha AC, Tonni SD, Nisa ET, Tisha FR, Ahsan A, Sadia S, **Dash PR. (2024 )** Evaluation of Analgesic, and CNS Depressant Activities of Ethanolic Extract of Roots of *Heritiera fomes* Buch. *J. Bioscie. Exp. Pharmacol*, 2(2):
9. Pharmacological and Medicinal Properties of Areca catechu L.: A Comprehensive Review. Das L, Biswas S, Dey H, Nath M, Mallick S, Chakroborty P, **Dash PR**, Hossain E, Kabir AKL (2024). *NSHM J Phar Health Management*, 2: 7-16
10. **Dash PR**, Rana MS, Hasan CM, Muhit MA **(2024)**. Isolation of Anthraquinone Derivatives Along with other Constituents from *Polygonum flaccidum* Extract. *Journal of Biosciences and Experimental Pharmacology*, 2(1): 94-102.
11. **Dash PR**, Eity SK, Sadia NK, Sharmin R, Jasika SS, Begum T, Rana MS, and Nath D **(2024)**. A Comprehensive Review on *Tradescantia pallida*: Phytochemistry and Pharmacology. *J. Bio. Exp. Pharm.* 2024, 2(2), 17-33.

**2023**

12. Shaikat MAM, Parvin MN and **Dash PR (2023)**. Evaluation of anthelmintic activity of aqueous leaf extract of *Delonix regia*. *J Medicinal Plant Stud*, 11(4): 01-02.
13. Shaily JF, Bhuiya MAM, Rana MS, Begum T and **Dash PR (2023)**. Harnessing the Medicinal Properties of *Premnaesculenta* for Diseases and Beyond: A review of its Phytochemistry and Pharmacology. *J.Bio. Exp. Pharm* 1: 16-24
14. Yusuf, A., Shaikat, M. A., Bhuiya, M. A. M., Dutta, M., Nath, A. K., & Dash PR **(2023)**. Utilizing the Medicinal Properties of *Delonix regia* for Diseases and Beyond: A Review of its Phytochemistry and Pharmacology: *Trop J Nat Pro Res*; 7(12): 5355-5365.
15. Shaily JF, Syeda Jakia Sultana SJ, Dash PR and Akter T. **(2023)**. Investigations of Anthelmintic Activity of Ethanolic Leaf Extract of *Premna esculenta*. *J Pharmacogn Nat Prod* 9 (2023): 254.

**2022**

16. Saha M, Saha MR, Begum T, Begum R, Dash PR. Phytoconstituents and biological activities of *Calotropis gigantea*: A review. *Int J Pharmacognosy Life Sci* **2022**;3(2):08-12.
17. Shifa S, Begum T, Faruquzzaman and Dash PR: Evaluation of hepatoprotective activity of leaves extract of *Carissa carandas* Linn. *Int J Pharmacognosy* **2022**; 9(6): 113-15.

**2021**

18. **Dash PR**, Rana MS, Mahmood CM, Muhit MA **(2021)**. Friedelin Derivatives from *Polygonum flaccidum* Showed Cytotoxic Activity on *Vero* Cell Line. *Trop J Nat Prod Res.* 5(8):1456-1459.
19. Shorna F, Upoma SSK, Singh T and **Dash PR** (2021). Covid - 19 perception conforming its emergence, detection, treatment options and future prospects: A review. *Int J Pharmacognosy Life Sci* 2021;2(1):01-10.

**2020**

20. Anika AK, Shorna F, Upoma SSK, Singh T and Dash PR: Therapeutic potentials of *Oxalis corniculata* Linn. as a medicinal plant: a review. *Int J Pharmacognosy* **2020**; 7(4): 87-95.

**2019**

21. Hossain S, Shahid AA and **Dash PR**: Phytochemical and pharmacological potential of *Yellow oleander*: a review. *Int J Life Sci & Rev* 2019; 5(10): 146-49.

22. Mahmood A, Jurashe PS and **Dash PR (2019)**. Exploring the medicinal importance of *Solanum xanthocarpum*: A review. *Int J Life Sci & Rev*; 5(7): 1-8.
23. Sajid SS, Anika AK, Jahan MAN and **Dash PR (2019)**. A comprehensive review of *Mikania cordata* (Asteraceae). *Int J Life Sci & Rev*; 5(4): 1-11.
- Shetu HJ, Nur D, Akter F, Zahin N and **Dash PR (2019)**. Pharmacological and phytochemical importance of *Sida cordifolia*: A review. *Int J Life Sci & Rev*; 5(4): 1-14
24. Mahmood A, Mahbub NB, Hossain S, Raisa Z and **Dash PR (2019)** Phytochemistry and pharmacological importance of *Polygonum viscosum*: A review. *Int J Pharmacognosy* 6(1): 1-05.
25. **Dash PR**, Sikta SA, Akter F and Islam F: Evaluation of antinociceptive activity of ethanol extract of *Amaranthus spinosus* Linn. (roots) in Swiss albino mice. *Int J Pharmacognosy* 2019; 6(5): 100-06.
26. **Dash PR**, Chowdhury FA, Sultana Z and Jahan N: Investigation of analgesic activity of *Amaranthus spinosus* Linn. (leaves) from Bangladesh in Swiss albino mice. *Int J Pharmacognosy* 2019; 6(5):100-06.
27. Prima AA, Ahmed R, Faruk A, Zafroon Z and **Dash PR**: Pharmacological importance of *Commelinadiffusa* (Commelinaceae): A review. *Int J Life Sci & Rev* 2019; 5(1): 1-05.
28. Sikta SA, Shahid AA, Alam R, Mou UM, Rahman MA and **Dash PR**: Phytochemical and pharmacological importance of *Curcuma aromatica* salisb: a review. *Int J Pharmacognosy* 2019; 6(9):300-04
29. Mou KM, Parvin MN, **Dash PR (2019)**. Phytochemistry and medicinal properties of *Mandragora officinarum*: A review. *International Journal of Pharmacognosy and Pharmaceutical Research*, 1(1):5-9

## **2018**

30. **Dash PR**, Lamia SS, Khan F, Sarah SH and Islam SS **(2018)**. Phytochemistry and Medicinal Properties of *Lagerstroemia speciosa* (lythraceae) Extracts: A Review. *Int J Life Sci Rev*, 4(1): 1-9.
31. Mou KM and **Dash PR (2016)**. A comprehensive review on *Gynura procumbens* leaves. *Int J Pharmacognosy*; 3(4): 167-74.
32. Mahbub J, Mou RA, Sikta SA, Rahman A and **Dash PR (2018)**. Biological and Medicinal Significance of *Trigonollofoenum Graecum*: A Review. *Int J Life Sci Rev*, 4(2):15-26.
33. **Dash PR**, Sikta SA, Mahbub J, Shermin F and Islam F **(2018)**. Phytochemical and Pharmacological Properties of *Gymnemasylvestre* (Asclepiadaceae): A Review..*Int J Pharmacognosy*, 5(4): 198-04.
34. Sarah SH, Sikta SA, Rahman A, Shetu HJ and **Dash PR(2018)**. Analgesic, cytotoxic, sedative and antidiarrheal properties of *Commelina appendiculata*: A Review. *Int J Pharm Sci and Res*, 3(2): 5-8.
35. Rahman A, Sikta SA, Sarah SH, Shetu HJ and **Dash PR(2018)**. A comprehensive review on *Momordica charantia* Linn (Karela). *International Journal of Botany Studies*, 3(1): 95-102.
36. Sikta SA, Mahbub J, Mou RA, Trisha KT and **Dash PR(2018)**. Ethnomedical profile of different parts of *Coccinia cordifolia*: A review. *International Journal of Medical and Health Research*, 4(2): 130-36.
37. Shetu HJ, Trisha KT, Sikta SA, Anwar R, Rashed SSB, **Dash PR (2018)**. Pharmacological importance of *Kaempferia galanga* (Zingiberaceae): A mini review. *International Journal of Research in Pharmacy and Pharmaceutical Sciences*, 3(3):32-39.
38. Lamia SS, Shimo MS, Rashed SSB, Prima AA, Mony AT, **Dash PR (2018)**. Phytochemistry and Pharmacological Properties of *Aegle marmelos* L (Rutaceae): A Review. *International Journal of Research in Pharmacy and Pharmaceutical Sciences*, 3 (3): 45-54.
39. Orni PR, Shetu HJ, Khan T, Rashed SSB and **Dash PR (2018)**. A Comprehensive Review of *Commelina benghalensis* L. (Commelinaceae). *IJP*, 5(10): 637-645.
40. Orni PR, Ahmed SZ, Monefa M, Khan T, **Dash PR (2018)**. Pharmacological and Phytochemical Properties of *Cajanus cajan* (L.) Huth. (Fabaceae): A review. *Int. J of PharSci and Res*; 3,(2): 27-37.
41. **Dash PR**, Rana MS, Hasan CM **(2018)**. Chemical, Antioxidant and Cytotoxic Studies of *Polygonum flaccidum*. *MOJ Drug Des Develop Ther*. 2(6):244–249

## **2017**

42. **Dash PR**, Mou KM, Erina IN, Ripa FA, Masud KNA and Ali MS **(2017)**. Study of anthelmintic and insecticidal activities of different extracts of *Kaempferia galangal*. *Int J Pharm Sci and Res* 8(2): 729-733.
43. **Dash PR**, Rana MS and Ali MS **(2017)**. Investigations of Sedative and Antidiarrheal Activity of *Commelina appendiculata* in Swiss Albino Mice. *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*, 7: 9-17

## **2016**

44. **Dash PR**, Rana MS and Sohrab MH **(2016)**. Biological activities of *Polygonum flaccidum*. *Int J Pharmacognosy*; 3(5): 100-04.
45. **Dash PR**, Sohrab MH and Rana MS **(2016)**. *Polygonum flaccidum* (Polygonaceae): A review. *Int J Life Sci Rev*. 2016; 2(6): 1-05.
46. Ripa FA, **Dash PR**, and Podder AK **(2016)**. Anti-diarrheal and hypoglycemic activities of methanol extract of *Calamus rotang* L. seed in rat. *Research Journal of Pharmacognosy* ,3(2): 33-40.

## **2015**

47. Ali MS, Nasrin M and **Dash PR (2015)**. Evaluation of Analgesic and CNS Depressant Activities of *Grewia Paniculata* in Swiss albino Mice. *American Journal of Food and Nutrition*, 3(1): 21-27.
48. Ripa FA, **Dash PR** and Faruk MO (2015). CNS Depressant, Analgesic and Anti-inflammatory Activities of Methanolic Seed Extract of *Calamus rotang* Linn. Fruits in rat. *Journal of Pharmacognosy and Phytochemistry* 3(5): 121-125.
49. Nasrin M, **Dash PR** and Ali MS (2015). *In Vitro* antibacterial and *in Vivo* cytotoxic activities of *Grewia paniculata*. *Avicenna J Phytomed*, 2015; 5 (2): 98-104.
50. **Dash PR** and Sheikh Z (2015). Preliminary studies on phytochemicals and cytotoxic activity of methanolic rhizome extract of *Hedychium coronarium*. *Phyto journal* 4(1): 136-139.
51. **Dash PR**, Rana MS and Ali MS (2015). Investigation of analgesic and cytotoxic activities of ethanol extract of *Commelina appendiculata*. *Journal of Pharmacognosy and Phytochemistry*, 4(3): 53-59.
52. Ripa FA, **Dash PR**, Nesa ML, Sheikh Z (2015): Phytochemical and Hypoglycemic Screening of Seeds and Peel of *Nephelium longan* Fruits. *Int. J Biochemistry*. Photon 197, 483-489.
53. Ali MS, **Dash PR** and Nasrin M (2015). Study of sedative activity of different extracts of *Kaempferia galanga* in Swiss albino mice. *BMC Complementary and Alternative Medicine*, 15: 158
54. **Dash PR**, Nasrin M, Morshed MTI and Ali MS (2015). Study of Antinociceptive Activity of *Kaempferia galanga* from Bangladesh in Swiss albino mice. *American Journal of Food and Nutrition*, 3(3): 64-68.

## **2014**

55. **Dash PR**, Nasrin M and Ali MS (2014). *In vivo* Cytotoxic and *In Vitro* Antibacterial activities of *Kaempferia galanga*. *Journal of Pharmacognosy and Phytochemistry* 3 (1): 172-177.
56. **Dash PR**, Nasrin M, Raihan SZ and Ali MS (2014). Study of Antidiarrhoeal activity of two Medicinal Plants of Bangladesh in Castor Oil-induced Diarrhoea. *Int J Pharm Sci and Res* 5(9): 3464-3468.
57. Rahman MM, Chakrabarty JK, Muhit MA and **Dash PR (2014)**. Evaluation of Analgesic Activity of the Different fractions of *Typha elephantine* Roxb. *Int J Pharmacognosy* 1(6): 1-9.
58. Morshed MTI, **Dash PR**, Ripa FA, Foyzun T and Ali MS (2014). Evaluation of Pharmacological Activities of Methanolic Extract of *Nephelium Lappaceum* L Seeds. *Int J Pharmacognosy* 1(10): 632-639.

## **2011**

59. **Dash PR**, Nasrin M, and Saha MR (2011). Evaluation of Analgesic and Neuropharmacological activities of methanolic rhizome extract of *Hedychium coronarium*. *Int J Pharm Sci and Res* 2(4): 979-984.
60. Nasrin M, **Dash PR** and Saha MR (2011). Investigations of Analgesic and Neuropharmacological activities of methanolic bark extract of *Mimusops elengi*. *Int J Pharm Sci and Res* 2(8): 2050-2055.

## **2010**

61. Nasrin M, **Dash PR** and Saha MR (2010). In vitro Anthelmintic and cytotoxic activities of methanolic bark extract of *Mimusops elengi*. *Stamford Journal of Pharmaceutical Sciences* 3(2): 20-24.

## **INTERNATIONAL CONFERENCE**

1. **Dash PR**, Rana MS, Sohrab MH, Ali MS and Muhit MA (2018). Chemical Analysis and Biological Evaluation of *Polygonum flaccidum*. *ISE-SFEC 18/P-118*
2. Shaily JF and **Dash PR (2025)**. Investigations of Analgesic and CNS Depressant Activity of *Premna esculenta* Extract. *Med & Health*. 20(1): 1-124.
3. Mithila MM and **Dash PR (2025)**. Evaluation of Biological Activities of Ethanolic Extract of *Abroma augustum*. *Med & Health*. 20(1): 1-124.
4. Das SK and **Dash PR (2025)**. A study of Diabetes Mellitus Patients in Urban & Rural Area of Chattogram, Bangladesh. *Med & Health*. 20(1): 1-124.

## **LIST OF BOOKS**

1. **Dash PR**, Raihan SZ and Ali MS (2013). Ethnopharmacological Investigation of the Spice *Kaempferia galanga*. *Lambert Academic Publishing*, German.
2. **Dash PR (2016)**. Phytochemical Screening and Pharmacological Investigations of *Hedychium coronarium*. Hamburg, Anchor academic Publishing, German
3. **Dash PR**, and Morshed N (2018). Ethnopharmacological Investigation of the Spice *Commelina appendiculata*. *Grin Publishing*, German.
4. **Dash PR**, and Mou KM (2017). A comprehensive review of five medicinal plants of Bangladesh, chemical constituents and uses. Hamburg, Anchor academic Publishing, German.



### LANGUAGE PROFICIENCY

Able to write, read, and speak both in Bengali and English.

### COMPUTER SKILL

Operation skill of Microsoft Word, Microsoft Excel, Microsoft Power Point and Internet (E-mail, Browsing, application), Spss, Anova, Dunnett t-test, Regression analysis.

### PERSONAL INFORMATION

Name : Pritesh Ranjan Dash  
Father's Name : Nirmal Chandra Dash  
Mother's Name : Rekha Rani Dash  
Date of Birth : 10<sup>th</sup> December 1986  
Nationality : Bangladeshi  
Religion : Sanatan (Hindu)  
Marital Status : Married, **Spouse Name:** Dr. Deepanwita Nath  
Blood Group : O (+ve)  
Contact Address : **2/34, O.R. Nizam Road, Panchlaish R/A, Chattogram.**  
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### REFERENCES

**Prof. Dr. Md. Sohel Rana**  
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E-mail : sohelrana.ju@juniv.edu

**Prof. Dr. Md. Shawkat Ali**  
(Master's Thesis Supervisor)  
Faculty of Pharmacy  
University of Dhaka  
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### DECLARATION OF AUTHENTICITY

I hereby solemnly declare that the information which I have provided is true according to my knowledge and will be able to submit all needful documents in support of aforesaid information if required.



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**Pritesh Ranjan Dash, Ph.D**