

CURRICULUM VITAE



Prabhangshu Kumer Das

PhD Student (4th Year)

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Career Objectives:

To establish my career as a Researcher where I will devote my wisdom, creative thinking, analytical ability, experience, and perseverance to face the demanding challenges.

Education Qualifications:

Name of Examination	Institution/University	Group/Subject	Division/GPA	Passing Year
S.S.C	Aria Mugur Public High school	Science	First	2000
H.S.C	Sachindra Degree college	Science	First	2002
B. Sc Hons	Shahjalal University of Science & Technology, Sylhet.	Chemistry	2.80 (out of 4)	2006
M.S	Shahjalal University of Science & Technology, Sylhet.	Chemistry	3.21 (out of 4)	2007

Work experiences:

Scientific Officer: February, 2013 to Now, Chemical Research Division, Bangladesh Council of Scientific and Industrial Research (BCSIR) Laboratories Chattogram, Bangladesh.

Teaching and Research Assistant: August 2019 to present, Southern Illinois University Carbondale, Illinois, USA.

Instrumental Training:

I can run Dimatix and Xerox printer, Nanodrop, FTIR, Fluorescence spectrophotometer, PCR, HPLC, AAS, UV-VIS Spectrophotometer, Protein Analyzer and Flame Photometer and electrochemical techniques such as Cyclic Voltammetry, Electrochemical impedance spectroscopy and Differential Pulse Voltammetry etc.

Conference: I was attending the ACS Fall 2022 conference (August 21 - 25, 2022), CHICAGO, IL, USA.

Topic: Fabrication of GO Modified Multiplexed Wax-on-Plastic Chip for Electrochemical Detection of Nucleic Acids.

Professional Membership: American Chemical Society (ACS) and The Society for Electroanalytical Chemistry (SEAC).

Publications: (<https://scholar.google.com/citations?user=pMY-oWsAAAAJ&hl=en>)

1. Heavy Metal Concentration in Some Common Spices Available at Local Market as well as Branded Spicy in Chittagong Metropolitan City, Bangladesh. Current World Environment Vol. 10(1), 101-108 (2015) PRABHANGSHU KUMER DAS, MILTON HALDER¹*, A.S.M. MUJIB, FARIDUL ISLAM, Abu Sayeed Mohammad Mahmud, SAMINA AKHTER and J.C. JOARDER.
2. Physicochemical Parameters and Heavy Metal Content in Soybean Oil from Bangladesh, Pakistan Journal of Nutrition 15 (6): 565-571, 2016 ISSN 1680-5194 © Asian Network for Scientific Information, 2016 Jewel Das, Dipankar Chakraborty, Suman Das, Sreebash Chandra Bhattacharjee and Prabhangshu Kumer Das.
3. Evaluation of the parameters affecting the extraction of sesame oil from sesame (*Sesamum indicum* L.) seed using Soxhlet apparatus. International Food Research Journal 24(2): 691-695 (April 2017) Chakraborty, D., * Das, J., Das, P. K., Bhattacharjee, S. C. and Das, S.
4. Toxic Metals and Essential Nutrients Concentration in Different Vegetables Collected from Market Sites of Chittagong Metropolitan City, Bangladesh. Current World Environment ISSN: 0973-4929, Vol. 12, No. (2) 2017, Pg. 270-277, Prabhangshu Kumer das, Suman Das*, Abu Jahan Mohammed Morshed, Dipankar Chakraborty. Riad Hossain Sabuj, Sreebash Chandra Bhattacharjee and Habibur Rahman Bhuiyan.
5. Variation of Some Water Quality Parameters from Winter to Summer Period in Chittagong Karnafully River of Bangladesh. Current World Environment Vol. 12(1), 28-33 (2017) MILTON HALDER¹*, PRABHANGSHU KUMER DAS², ABU SYED MOHAMMED MUJIB³, AMIT KUMAR DEY¹ and MD. HUMAYUN KOBIR⁴.

6. Quality Monitoring of Jar Water Collected from Different Spot of Chittagong Metropolitan City, Bangladesh. IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402, p- ISSN: 2319-2399. Volume 12, Issue10 Ver. I (October. 2018), PP 83-87 Suman Das¹, Prabhangshu Kumar Das², Sujan Kanti Das³, Rajib Sarkar⁴, DipankarChakraborty⁵, Saiful Islam⁶, Bhuiyan Habibur Rahman⁷
7. DNA interfaces with dimensional materials for biomedical applications.Narges Asefifeyzabadi, PK Das, AHonorimuo, G Durocher, MH Shamsi, RSC advances 11 (45), 28332-28341.

