

Biodata

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Objective:

Dr. Sreebash Chandra Bhattacharjee is a highly respected scientist based in Bangladesh. With a distinguished career in the scientific field. Dr. Bhattacharjee has made significant contributions to the advancement of scientific knowledge, particularly in his area of expertise. His relentless pursuit of excellence and passion for scientific inquiry have established him as a prominent figure in the scientific community of Bangladesh. Through his research, publications, and collaborations, Dr. Bhattacharjee has played a pivotal role in furthering scientific understanding and inspiring future generations of scientists in Bangladesh.

Personal information:

- Date of Birth: 05 March 1970
- Nationality: Bangladeshi

Work Information:

- Organization: Bangladesh Council of Scientific and Industrial Research (BCSIR) Chattogram Laboratories.
- Designation: Principle Scientific Officer (PSO)

Education:

- Ph.D. in Medicinal and Synthetic Chemistry; University of Chittagong, Bangladesh
- M.Sc. in Organic Chemistry; University of Chittagong, Bangladesh
- B.Sc. in Chemistry; University of Chittagong, Bangladesh

Publications:

- Studies on seed oil characteristics of *Trygonella Foenum* (Methi seeds). *Americal Journal of organic chemistry* 2023, 11(1):1-4. DOI: 105923/jajoc.2023.20231101.01; (2023)
- Biological activity of *Mesuaferra Nageswar* seed extracts: An in vitro and in Silic Study. *Science Direct, Informatics in Medicinal Unlocked*, Vol 36. (2023)
- PASS Predication, Antiviral, in vitro Antimicrobial, and ADMET Studies of Rhamnopyranoside Esters. *KEI Journals* (2020)
- Insecticidal effects of two medicinal plants *Polygonum hydropiper* L. and *Abrus precatorius* L. leaves against rice weevil *Sitophilus oryzae* L (Coleoptera: Curculionidae). *Journal of Biodiversity Conservation and Bioresource Mangement*. (2020)
- Synthesis, PASS Prediction, In vitro Antimicrobial Evaluation and Pharmacokinetic study of Novel-n-Octyl-Glucopyranoside Esters. *Journal of Carbohydrate Research, Elsevier*. (2019)
- Antibacterial activity of some Medicinal plants against Carbopenem- resistant *Acinetobacter baumannii* isolated from medical patient. *European Journal of Pharmaceutical and Medical research*. (2019)
- Development and Quantity Evaluation of canned Pineapple J. *Environ. Science and Natural Resources*. (2017)
- Evaluation of the parameters affecting the extraction of sesame oil from sesame seed using soxlet apparatus. *International Food Research Journal* (2017)
- Toxic Metal and Essential Nutrients Concentration in different Vegetables Collected market sites of Chittagong Metropolitan city, Bangladesh. *Current World Environment* vol:12, no [02]. (2017)

- Physicochemical parameters and heavy metal content in Soya bean oil from Bangladesh. *Pakistan Journal of Nutrition* 15(6)565-571. (2016)
- Physico- Chemical Characterization and Microbial studies of muscle lipid of liner Silver Grunter the bay of Bengal *International Letters of Natural Science*, vol 58,pp60-69. (2016)
- Determining the magnesium concentration from some indigenous fruits and vegetables of Chittagong region, Bangladesh. *International Food Research Journal* 21(4):1413-1417. (2014)
- Synthesis and antimicrobial studies of 6-O-lauroyl-1,2-O-isopropylidene- α -D-*gluco*-furanose derivatives *Chemistry and biology interface* vol(4)July-august. (2014)
- Assessment of Copper in diverse pulses, bananas, vegetables and arums of five upazilla of Chittagong area in Bangladesh by spectro-photometric method *International Food Research Journal*. (2013)
- Synthesis, Characterization and antimicrobial activities of some copper(ii) complexes of hexamethyltetraaza-cyclotetradecadiene $Me_6[14]$ diene and their substitution products. *The Chittagong Univ J Sci* 35:122-142. (2012)
- Evaluation of Zinc in Various Arums. Bananas, Vegetables and Pulse from five upazila of Chittagong region in Bangladesh by Spectrophotometric Method. *JOSR Journal of Environmental Science, Toxicology and food science* vol:2. (2012)
- Assessment of heavy metals concentration in some selected Medicinal plants collected from BCSIR,Chittagong cultivation Area in Bangladesh. *Journal of Hamdard Medicus* Vol:55,No:3. (2012)
- Physicochemical Assessment of Surface and Ground Water Quality of the greater Chittagong Region of Bangladesh. *Pak J. Annal. Environ. Chem* Vol:11,No:2. (2010)
- Estimation of Iron in different Arums, Bananas, Vegetables and Pulses of five upazila of Chittagong District by Spectrophotometric method. (2010)
- A Rapid Spectrophotometric Method for the Determination of Cupper in Real Environmental, Biological and Soil samples using 1-(2-Pyridylazo)-2-naphthol. (2010)

- A simple Spectro photometric method for the determination of Aluminum in some Environmental, Biological, Soil, and Pharmaceutical samples using 2-Hydroxynaphthaldehydebenzoylhydrazone. Eurasian Journal. Annal chem. 5(1):1-5. (2010)
- Anti-inflammatory, analgesic and antipyretic activities of ethanol leaf extract of *Chromolaena odorata*. Bangladesh Journal of Life Science, Vol:20.No:2. (2008)
- Chemical Investigation on *Zingiber zerumbet* Sm Frontiers in Natural Product Chemistry, Vol-1. (2004)
- Regioselective Monobenzoylation of Methyl- α -L-rhymnopyranoside. Chittagong University Studies, Part-I I:Science, Vol.21. (1997)

Professional Memberships:

- BCSIR Scientist Association
- Bangladesh Chemical Society

Achievements:

- Awarded the “**International Innovative Research of the Year**” by International Journal for Research Under Literal Access (IJRULA)
- Awarded the “**Remarkable Researcher of the Year**” by International Society for Scientific Network (ISSN)
- Published over 20 research papers in renowned Scientific Journals.