



RAMMOHAN COLLEGE
FACULTY ACADEMIC PROFILE

Name: Dr. Moumita Datta

Department: Botany

Email: dattamoumita2005@yahoo.co.in

Academic background: M.Sc., Ph.D

Positions: Assistant Professor

Awards/ Honours: NIL

Research interest: Soil Microbiology

Ongoing Project: NIL

Research guidance: NIL

Selected publications:

Title: Intraspecific strains of *Pythium aphanidermatum* induced disease resistance in ginger and response of host protein

Journal: Indian Journal of Experimental Biology Vol.44, January 2006, pp.68-72.

By: Rajyasri Ghosh, Moumita Datta & R. P .Purkayastha.

Title: Evaluation of fermented fish offal in formulated diet of the Indian major carp, rohu, *Labeo rohita* (Hamilton)

Journal: Acta Ichthyologica Et Piscatoria Vol. 37 (2), 2007, pp. 99–105.

By: Kausik Mondal, Anilava Kaviraj, Pratap Kumar Mukhopadhyay, Moumita Datta & Chandan Sengupta.

Title: Isolation and characterization of bacterial isolates from chill (*Capsicum annum* L.) rhizosphere as potent plant growth promoter

Journal: Journal of crop and Weed Vol. 6(2), 2010, pp. 50-58.

By: M. Datta, C. Sengupta, and M. K. Pandit.

Title: Plant growth promoting rhizobacteria enhance growth and yield of chilli (*Capsicum annum* L.) under field conditions

Journal: Australian Journal of Crop Science Vol. 5(5), 2011, pp. 531-536.

By: Moumita Datta, Rakhi Palit, Chandan Sengupta, Manas Kumar Pandit, and Samiran Banerjee.

Title: Antimicrobial activity of some aquatic angiosperms against four pathogenic bacteria

Journal: Environmental and Sociobiology Vol. 12(2), 2015, pp. 163-166.

By: Moumita Datta and Subrata Raha.

Title: Plant Growth promoting Rhizobacteria improve the production and enhancement of alkaloid content in chilli

Journal: Frontiers in Environmental Microbiology Vol. 1(2),2015, pp.24-26.

By: Moumita Datta, Dipak Paul, Sankar Narayan Sinha and Chandan Sengupta.

Title: *Contribution to the Macromycetes of West Bengal, India: 18–22*

Journal: *Research J. Pharm. and Tech.* 2017; 10(9): 3061-3068.

By: Krishnendu Acharya, Entaj Tarafder, Prakash Pradhan, Arun Kumar Dutta, Soumitra Paloi¹,Moumita Datta, Anirban Roy