



DR. RUMA DAS BASU

PROFILE

CONTACT

EMAIL:

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DATE OF JOINING

25.08.2008

DESIGNATION

STATE AIDED COLLEGE TEACHER, DEPARTMENT OF BOTANY

EDUCATION (IN DESCENDING ORDER)

1998 – Ph.D in Botany
University of North Bengal
1990 – M.Sc. in Botany
University of North Bengal

WORK EXPERIENCE (IN DESCENDING ORDER)H,D

2008 to 2019 : Part Time Teacher in Botany in P.D. Women's College, Jalpaiguri, West Bengal.
2020 to continuing – State Aided College Teacher in Botany in P.D. Women's College, Jalpaiguri, West Bengal.

RESEARCH INTEREST

NA

LIST OF PUBLICATION (DESCENDING ORDER)

Papers published:-

1.. Development of immunoassays for early detection of *Glomerella cingulata* in tea leaf tissues. B. B.N. Chakraborty, U. Chakraborty, Ruma Das and R. Som in Journal of Mycology and plant Pathology. Vol 38No. 3, 2008

2. Detection and Management of Blister blight of tea .In Book , Management of Threatening Plant Diseases of National Importance Malhotra Publishing House , New Delhi. B.N. Chakraborty,U.Chakraborty, A.Saha , R.Das and P.Basu . 1997.
3. Evaluation of antiserum raised against *Pestalotiopsis theae* for the detection of grey blight tea by ELISA . U.Chakraborty , P.Basu , R.Das A.Saha and B.N. Chakraborty Folia – Microbiologica. 413 (5),413-418.1996.
- 4.Serological relationship between *Glomerella cingulata* (stoneman) Spauld & Schrenk and *Camellia sinensis* (L)O. kuntze . B.N.Chakraborty , U.ChakrabortyR.Das, P.Basu and A.Saha. Proceeding of International symposium on Plantation crops (PLACROSYM XII),1995.
- 5.Detection of cross reactive antigens between *Pestalotiopsis theae* and tea leaf and their cellular Location. B.N. Chakraborty,P.Basu, R.Das, A.Saha and U.Chakraborty . Annals of Applied Biology, Vo1 127:11-21.1995.

Abstracts Published:-

- 1.Development of immunological assays for rapid diagnosis of blister disease of tea. B. N. Chakraborty.A.Saha, Ruma Das and P. Basu. Presented at 48th Annual Meeting of Indian Phytopathological society, Feb7th-9th, 1996, Punjab agril. Univ, Ludhiana.
2. Use of ELISA and Immunofluorescence in early detection of pathogens in tea leaf tissues.B.N. chakraborty,P. Basu, A. Saha,U. Chakraborty and Ruma Das In Proc. Of FAOBOMB Congress,Sydney, Australia , vol.27-1995
3. Early detection of *Exobasidium vexans* in tea leaf tissues usingELISA and Immunofluoresce. B.N. Chakraborty,P. Basu, A. Saha,U. Chakraborty and Ruma Das , In 64th annual general Meeting of Society of Biological Chemists (India)Oct 6th-8th, Lucknow,1995.
4. Cross reactivity between tea leaves and *Pestalotiopsis theae* and their cellular location. B.N. chakraborty,P. Basu, A. Saha,U. Chakraborty and Ruma Das. Presented at Global Conference

Advances in Research on Plant diseases and their Management. Abstr.III.33;P 46-47, 1995.

5.Detection of cross reactive antigens and protein changes in tea leaves infection with *Pestalotiopsis theae* . by B.N. Chakraborty, A. Saha, Ruma Das and Ruma Das. Presented in 46th Annual Conference .Indian Phytopathological Society, IARI and National symposium on" Ultrastructure , cytology, sexuality and variability in plant pathogens at Tamil Nadu agricultural university. Coimbatore. Jan27th-29th,1994

AWARDS (DESCENDING ORDER)

NA

SEMINARS AND CONFERENCE ATTENDED (DESCENDING ORDER)

1.Proceeding of International Symposium on Plantation crops (PLACROSYM ,XII) 1995

2. In annual conference of Indian Phytopathological Society held at Coimbatore,1994