

PROFILE OF SCIENTIST/RESEARCH WORKER

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Qualification: **Ph.D. in Botany**

Area(s) of Specialization: **Taxonomy & Ecology (M.Sc.); Angiosperm Taxonomy & Biosystematics, Ethnobotany, Biodiversity & Conservation (Ph.D.). Indian Ericaceae.**

Presently Working: i. Senchal Flora (80% completed)---The country's oldest Wildlife sanctuary (1915). ii. Revised Flowering plants of Darjeeling (90% completed) with Prof. A. Mukherjee, Burdwan University. iii. Documentation, Bioprospection and Conservation of Ethnomedicinal plants in Singalila National Park (Going on under UGC Project). Iv. Grasses & Sedges of Darjeeling Himalaya (50% collections completed; Identification completed: 10%). V. sacred Groves of Darjeeling (Going on under Biodiversity Board Project).

Occupation/Designation: **Assistant Professor in Botany (Grade-II)**

Major Activities: Revised Indian Ericaceae excl. Rhododendron & Agapetes under Flora of India Project (1999-2006). Earned Ph.D. from Vidyasagar University in 2008 (title--- taxonomic Revision of some selected genera of Ericaceae in India). Completed 2 National Projects:-1. University Grant Commision Minor research Project (2009-2011) on "Detailed floristic and Ethnomedicinal investigation of the family Ericaceae in West Kameng District of Arunachal Pradesh". Recently LAP-LAMBERT Academic Publishers, Germany published one book under my authorship---"West Kameng Ericaceae: Unravelling indigenous flora and their ethnic drugs" on 31st May, 2013.

2. West Bengal Biodiversity Board Project (2012-2013) on "Documentation of flora, fauna and their related traditional Knowledge in darjeeling"----reported & documented more than 200 new first hand information based on oral interview with local elderly people of Nepalese, Bhutias, Sherpas and Tibetans in Darjeeling.

3. Ongoing UGC Project (2013-2015)—on “Documentation, Bioprospection and conservation of Threatened Ethnomedicinal plants in and around Singaliala national Park of darjeeling Himalaya”

4. Country’s oldest Wildlife Sanctuary, SENCHAL WLS ---80% flowering plants documentation is completed.

5. Grasses & sedges in Darjeeling Himalaya ----50% collections from 4 subdivisions are completed (since 2011).

6. Ericaceae in Darjeeling Himalaya is completed (since 2011).

7. Published 42 Research papers in national & international Reputed Journals.

8. M.Sc. Dissertation Project Work on “angiosperm taxonomy” since 2007:--31

9. Flora of North 24-Parganas (22 Blocks) ----80% work completed (since 2006 to 2011)

Awards/Recognitions: KS Manilal National Award in Angiosperm Taxonomy in 2007 by IAAT. National Merit Scholarship from Ministry of Human Resource Dev., New Delhi for B.Sc. Result (rank—1st class 3rd). JRF & SRF (22.7.1999 to 16.7.2003) in Central National Herbarium, Botanical Survey of India.