

ACHIEVEMENTS



DR. ARABINDA PRAMANIK
Scientist E
AJCB Indian Botanic Garden
Howrah

- PhD. Thesis title : **A TAXONOMIC REVISION OF THE TRIBE *HEDYSAREAE* (LEGUMINOSAE) IN INDIA EXCLUDING THE GENUS *DESMODIUM***
- **Junior Research Scholar** (1979 – 1981) and **Senior Research Fellow** (1982-1984) under **Flora of India Project**
- Project report submitted in **1984**
- Thesis submitted to **The University of Calcutta** in **1985** conferred **Ph. D. degree** in **1987**.

New taxa : 2

New records of distribution: 15

New to India: 5

New to different states/ Union territories in India: 10

New Combinations : 5

New status : 13

New synonyms : 10

Taxa excluded from Indian distribution since Flora of British India (1876)

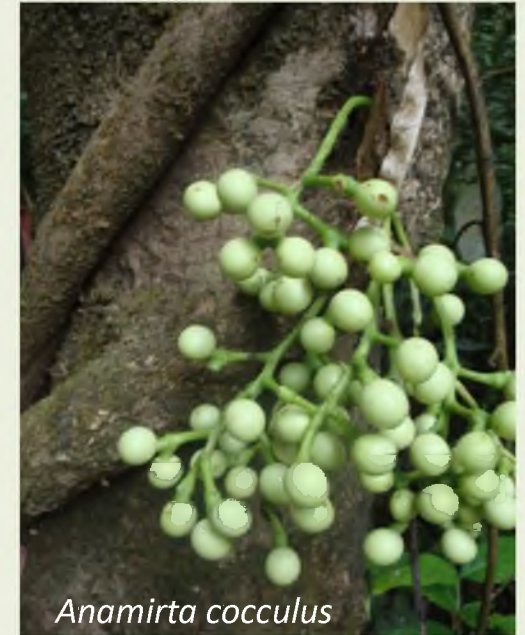
Paper published : 10 nos.

BSI, (HQ), Howrah (Ecology Section)	Herbarium Assistant (Ad-hoc)	28.5.85	31.8.87
BSI,(HQ), Howrah (Pharmacognosy Section)	Jr. Sci. Asstt. (Regular)	1.9.87	22.4.90
Arunachal Field Station, BSI, Itanagar	Scientist 'B'	23.4.90	30.6.95
-do-	Scientist 'SD'	1.7.95	13.4.97
BSI,HQ, Kolkata (Flora Cell)	Scientist 'SD' (Redesignated as Scientist 'C')	14.4.97	25.2.05
BSI, HQ, Kolkata (Flora Cell)	Scientist 'D'	26.2.05	30.06.09
BSI, Central Botanical Laboratory, Howrah	Scientist 'D'	01.07.09	31.01.2014
BSI, AJCB IBG, Howrah	Scientist 'D'	1.02.14	26.02.15
BSI, AJCB IBG, Howrah	Scientist 'E'	27.02.15	Contd.....

ANNUAL ACTION PLAN PROJECT

NATIONAL FLORA

- TAXONOMIC REVISION OF THE FAMILY *MENISPERMACEAE* IN INDIA (jointly) in 1985
- Report submitted in 1986
- Published in **Flora of India vol. 1. 1993** (includes 20 genera and 43 species)
- Paper published : **Two**
- Novelties: One *comb.nov.* and one *comb. et stat. nov.* , new distributional notes



STATE FLORA

- **Family Menispermaceae in West Bengal (Jointly) in 1985**
- **Report submitted in 1986**
- **Published in Flora of West Bengal vol 1. in 1997 (includes 8 genera and 11 spp.)**



NATIONAL FLORA

- **TAXONOMIC REVISION OF THE TRIBE *HEDYSAREAE* s.l.(LEGUMINOSAE) IN INDIA (Individually) in 1987**
- Report submitted in **1989**;
- Mss **revised** and submitted in **1996**;
- Mss **re-revised** and submitted in **2009**
- Awaiting publication
- Paper published: **5 nos.**



STATE FLORA

Materials for the Flora of Arunachal Pradesh in 1991 (jointly)

- Report submitted in **3 vols.** [includes 1219 gen. and 4055 spp.(Dicots 325 gen and 1096 spp; Monocots 894 gen. and 2959 spp.)] in **1993**
- **vol. 1** [includes **98 family** (Ranunculaceae to Dipsacaceae)] published in **1996**;
- **vol. 2** [includes **62 family** (Asteraceae to Ceratophyllaceae)] published in **2008** and
- **vol. 3** [includes **25 family** (Hydrocharitaceae to Poaceae)] published in **2009**.
- **Paper published : 4 nos. (1 article in edited book)**
- **Novelties : One new species, new distributional records**



STATE FLORA (cont'd...)

- Floristic study of Dibang district in 1993
- Undertook 2 field tours and report submitted in 1995
- Floristic study of East Siang district in 1995
- Undertook 1 field tour and report submitted in 1996



- Paper published : 4 nos. (1 article in edited book)
- Novelties : One new species, new distributional records

NATIONAL FLORA

- Taxonomic revision of the tribe *Galegeae* (excl. *Astragalus*) (Leguminosae) in 1997
- Completed MSS on 3 tribes, 1 sub-tribe, 7 genera and 10 species
- Paper published: One article in edited book



Tephrosia purpurea

STATE FLORA

Family Solanaceae in West Bengal in 1997

- Explored different districts of West Bengal in connection with study of Solanaceae in West Bengal (19 genera 61 species).
- Report submitted in 2009.
- **Awaiting publication.**



Solanum virginianum

RESEARCH SUPERVISOR UNDER FLORA INDIA PROJECT



Sukla Chanda

Moumita Das Das

Rijupalika Roy

Name of scholar : Ms Sukla Chanda
Project allotted in 2004: TAXONOMIC REVISION OF
THE FAMILY SALICACEAE IN INDIA

- Report submitted in 2009
- **Awaiting publication**
- Paper published: 4 nos.
- Novelty: One *comb. nov.*, 12 *syn. Nov.*; one rediscovery after 100 years; confirmed distribution of 42 species in India.
- Title of Ph.D. Thesis : Taxonomic study of the family Salicaceae Mirb. in India
- conferred PhD Award of University of Kalyani in 2010.



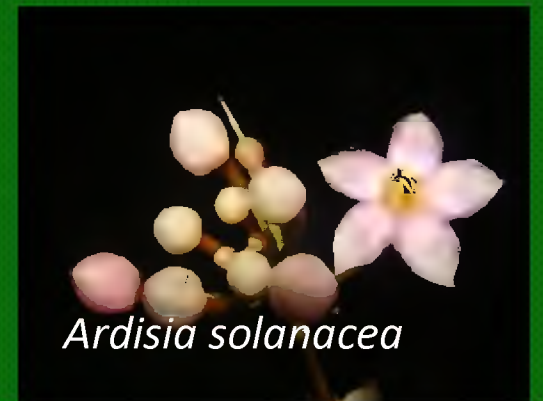
NAME OF THE SCHOLAR: MS MOUMITA DAS DAS
PROJECT ALLOTTED IN 2009: TAXONOMIC REVISION OF
THE FAMILY MEMECYLACEAE IN INDIA

- Project report completed. Mss under preparation
- papers published -7 nos.
- Novelties : confirmed distribution of 2 genera, 53 species, 7 varieties in India; 17 names lectotyped, 1 new species, 1 *nom. nov.*; 1 *com. nov.*, one new record in India
- **Title of Ph.D. Thesis: TAXONOMIC REVISION OF THE FAMILY MEMECYLACEAE DC. IN INDIA** registered under University of Calcutta in 2012
- Thesis manuscript is under final stage for submission.



NAME OF SCHOLAR: MS RIJUPALIKA ROY
PROJECT ALLOTTED IN 2014: TAXONOMIC REVISION OF THE
FAMILY MYRSINACEAE IN INDIA

- Confirmed distribution of 10 genera and 98 spp.
- Visit 4 herbaria for study
- Collected 12 species from different field tours
- 2 papers published
- Title of Ph.D. Thesis: Taxonomic studies of the family Myrsinaceae R.Br. occurring in India
- Registered under University of Calcutta in 2014



ETHNOBOTANICAL RESEARCH (survey and plant collection around rural tribal hamlets)

- Acted as co-investigator for the project: All India co-ordinated project on Ethnobotany (AICRPE) in 2001 -2002
- Project allotted (jointly): Survey, collection, identification and documentation of ethnobotanically important plant (2010-2013)
- Documented ethnobotanically important plants utilized by primitive tribal communities in Kandhamal and Nabarangpur districts of Odisha (Jointly).
- **Identification: (Kandhamal:132 plants; Nabarangpur:175plants)**
- **Documentation: (Kandhamal:175 information; Nabarangpur:245 information)**
- **Report prepared and submitted in 2014.**
- Paper published: **One article in edited book.**

Field Activities at Kandhamal (Phulbani) District



Data collection activities at Nabarangapur district



'Dhenki'-tribal's grinding system



A view from tribal market

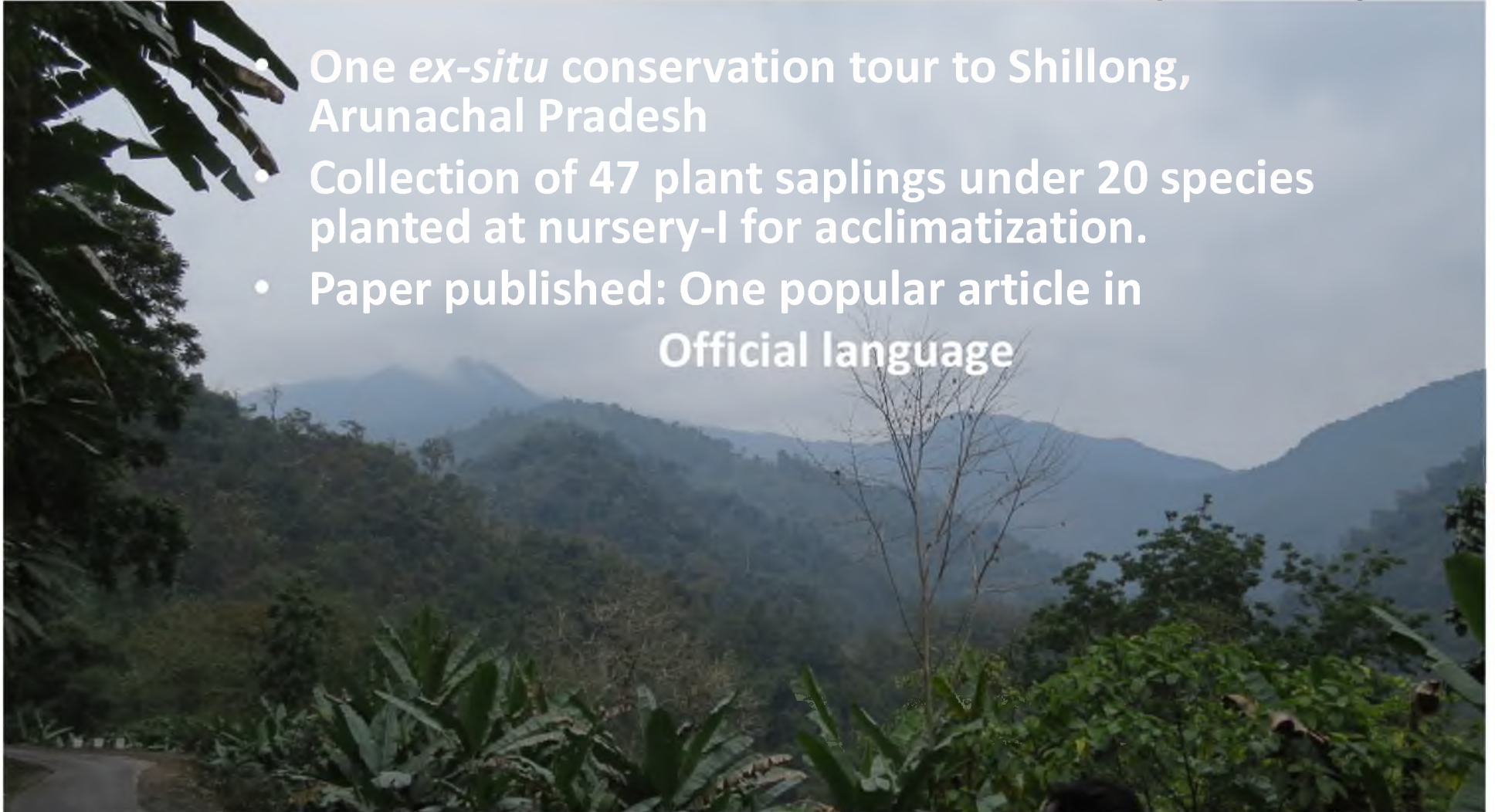


**Project allotted in 2014: GIS PHYTO-MAPPING & DIGITIZATION
OF SHRUBS AND TREES IN AJC BOSE
INDIAN BOTANIC GARDEN (JOINTLY)**

- Out of 25 divisions, around 2100 trees and shrubs were serially labelled in 7 divisions and around 90% were identified.
- Sample Total Station survey work was done for 90 labelled trees in only two hours.

**PROJECT ALLOTTED IN 2014: COLLECTION,
INTRODUCTION AND MULTIPLICATION OF 20
ENDEMIC, THREATENED, MEDICINAL, ORNAMENTAL
AND ECONOMICALLY IMPORTANT PLANTS (JOINTLY)**

- One *ex-situ* conservation tour to Shillong, Arunachal Pradesh
- Collection of 47 plant saplings under 20 species planted at nursery-I for acclimatization.
- Paper published: One popular article in Official language



Project allotted in 2014: **DEVELOPMENT OF DIVISION NO.25 OF AJC BOSE IBG (Jointly)**

- One tour to North East India for collection of important plants of garden history
- One tour to Tripura
- Collection of 65 plant saplings under 24 species planted at nursery-I for acclimatization.



ADMINISTRATIVE WORKS

Duties and responsibilities of Senior Administrative Officer (a deputation post) to assist Head of department in overall BSI administration (since 01.07.2001 and up to 30.06.2009):-

- as regular **Head of office** of the Central office, Hqrs., BSI for executing full financial power as delegated in terms Rule 14 of D.F.P. rules.
- as overall in-charge of administration of Central office.
- as authorized to exercise full powers for discharging some higher responsibilities as delegated from time to time to render help, assistance and advice to the Director for **co-ordination with staff associations**, handling of **trade union activities**, **disciplinary issues** and smooth and efficient functioning of the department.

- to look after the **BSI-court cases** and liaison with the govt. counsels.
- To attend and assist CPIO in all the **RTI issues** being PIO, Hqrs., BSI.
- as standing **member of DPC** for Gr. 'C' & 'D' post of BSI, and some other departmental committees.
- as authorize to authenticate and communicate the order/instructions of the Director, BSI.
- as authorized to scrutinize and put comment/observation/ instructions in all files pertaining to establishment/admin./store & stny/accouts/library, etc. before final action/decision of the authority.
- as overall in-charge of the security and caretaking of the office building .

- **Additional responsibilities** of specially assigned job as may be deemed necessary being the duly constituted **ATTORNEY on behalf of the Secretary to the Govt. of India, MoEF** in connection with all the litigation pertaining to the official matter of BSI wherein Secretary, MoEF or the Union of India is respondent in such matters.
- authorized to signing Vakalotnamas, signing , affirming and filing all affidavits, petitions, application on behalf of the Secretary to the Govt. of India, MoEF before the Ld. Central Administrative Tribunal, Kolkata and Hon'ble High Court Calcutta.
- As standing member of **Compassionate recruitment committee.**

- As Head of Office of Central Botanical Laboratory, BSI, Howrah looked after the overall administration of the office w.e.f. 01.07.2009 -31-01-2014
- As Head of Office of AJCBIBG, BSI, Howrah looked after the overall administration of the office w.e.f.1-02-2014
- Other duties as and when assigned, viz. to act as member of different departmental/ extra-departmental committee, work shop organizing committee, in different disciplinary matter related fact finding committee etc.; preparing audit reply, coordinating visits of different VIPs/dignitaries in BSI; assisting Addl./Joint Directors in different administrative issues.

PUBLICATIONS

Number of Projects carried out individually as well as jointly

**3 (individually)
10 (jointly)**

Number of books written/edited individually as well as jointly/ chapters in books

**Written 1 book in 3 volumes (jointly);
Edited 2 volumes (jointly) of 1 book;
Articles written in 12 books**

Number of papers published individually /first author as well as jointly/co-author

**10 papers(individually); 1paper (as first author);
57 papers (jointly)**

Number of new taxa, new combinations/names and new reports (India as well as regions/States) published

**New taxa : 6
New records of distribution: 23
New to India: 9
New to different states/ Union territories in India: 14
New name : 3 nos
New Combinations : 11
New status : 17**

FUTURE PLANS

- Submission of MSS on Memecylaceae & Myrsinaceae
- Submission of reports of on ongoing projects to be completed in 2017



Thank you