

## Curriculum Vitae



### Personal Details:

Name : **Dr. Saswati Chakraborti**  
Gender : Female  
Social Category : Hindu  
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Badharghat, Matripalli  
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P. S. Amtali, Tripura (West)

Department : Department of Botany

### Academic Qualification Details

Examination passed	Year	Board /University	% of marks & division	Subject offered
Madhyamik	1995	TBSE	71% I	English, Bengali, Physical Science, Biological Science, History, Geography, Mathematics, Additional Biology
HS + 2	1997	TBSE	56.2% II	English, Bengali, Physics, Chemistry, Biology, Mathematics (Additional)
Graduation	2000	Tripura University	67% I	Botany (Honours), Zoology, Physiology
Post Graduation	2003	Tripura University	71% I	Life Science in Botany with specialization in Cytogenetics & Plant Tissue Culture ( <b>Gold Medalist</b> )

Ph. D.	2009	Tripura University	Awarded (27 <sup>th</sup> January, 2009)	Thesis Title: “Cytological and Biochemical Studies on Some Ethnobotanical Species of Tripura and <i>in vitro</i> Morphogenesis of <i>Houttuynia cordata</i> Thunb.”
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**Present Designation** : Assistant Professor

**Working experience** :

Name of Institutions	Designation	Date	
		From	To
Tripura University	Guest Lecturer in Bamboo Cultivation & Resource Utilization (BCRU), offered by Tripura University in the Department of Botany, Tripura University	February, 2009	December, 2010
D.D.M. College, Khowai	Assistant Professor	03.01.2011	10.06.2019
Ramthakur College, Agartala	Assistant Professor	11.06.2011	Till date

### Attended Faculty Development Programmes:

Faculty Development Programmes Attended			
Faculty Development Programmes	Title of the Programme	Duration (from -to) dd-mm-yyyy	Organising Institute
Refresher Course	Science and Technology for Social Development.	11.09.2019 to 25.09.2019 (ongoing)	Faculty Development Centre, Tripura University
Orientation Programmes	Orientation Programme for College Teachers	13.01.2014 to 11.02.2014	UGC – Academic Staff College, Jadavpur University

## Publications

### a. International Journal

1. **Chakraborti, S.** Sinha, S. and Sinha, R. K. 2005. *Psidium guineense* Swartz. (Myrtaceae) – an endemic threatened species of Tripura. *J. Phytol. Res.* 18 (2): 209-210, India. ISSN 0970-5767
2. **Chakraborti, S.** Sinha, S. and Sinha, R. K. 2006. High frequency induction of multiple shoots and clonal propagation from rhizomatous nodal segment of *Houttuynia cordata* Thunb. – an ethnomedicinal herb of India. *In vitro Cell. Dev. Biol. – Plant.* 42: 394-398. CABI Publishing CAB International Wallingford, UK. ISSN 1054-5476.

3. **Chakraborti, S.** 2006. Phenological and pod bearing characteristics of *Parkia javanica* Lamk. – A potential tree legume used as a source of non-conventional food in Tripura. *J. Phytol. Res.* 19 (2): 185 – 189, India. [ISSN 0970-5767](#)
4. **Chakraborti, S.** and Sinha, R. K. 2007. Distinction between two varieties of *Parkia javanica* Lamk. – a wild tree legume of non-conventional food value of Tripura *Physiol. Mol. Biol. Plants.* 13 (1): 69-71, India. [ISSN 0974-0430](#)
5. **Chakraborti, S.** Sinha. R K and Sinha S. 2007. Biochemical and electrophoretic distinction between two populations of *Caesalpinia bonduc* (L.) Roxb. : an useful ethno-medicinal species of Caesalpiniaceae. *Ind. J. Bot. Res.* Vol. 3 (1): 121 – 126, India. [ISSN 0973-2233](#)
6. **Chakraborti, S.** Sinha, R. K. and Sinha, S. 2007. *Parkia javanica* Lamk. of Mimosaceae a less known pod vegetable and its socio economic relevance in Tripura. *J. Phytol. Res.* Vol. 20 (1): 111 – 114, India. [ISSN 0970-5767](#)
7. Sinha, R. K. **Chakraborti, S.** Dey, B. and Roy, M. L. 2007. Terrace cultivation of tissue culture raised Dwarf Cavendish banana at different elevations in a hill side region of Tripura. *J. Phytol. Res.* Vol. 20 (2): 175 – 178, India. [ISSN 0970-5767](#)
8. **Chakraborti, S.** Sinha, S. and Sinha, R. K. 2007. Biochemical changes during fruit ripening of *Psidium guineense* Swartz. (Myrtaceae) – An endemic wild guava of Tripura. *J. Phytol. Res.* Vol. 20 (2): 183 – 187, India. [ISSN 0970-5767](#)
9. **Chakraborti Saswati** and Sinha Rabindra Kumar. 2009. Market potential of Muli [*Melocanna baccifera* (Roxb.) Kurz] bamboo shoots and its traditional recipes in Tripura. *Vegetos.* Vol. 22 (1): 23 – 32. [ISSN 0970-4078](#)
10. **Chakraborti, S.** Sinha S. and Sinha R. K. 2010. Chromosome Number and Karyotype Analysis of Wild Guava *Psidium guineense* Sw. – A New Report From Tripura, India. *Ind. J. Sci. & Tech.* Vol. 3 No. 8: 925 – 927. [ISSN: 0974- 6846](#)
11. **Chakraborti Saswati** and Sinha Rabindra Kumar. 2011. *Neptunia prostrata* (Lamk.) Baillon: A Socio-Economically Potential Health Diet for Rural communities of Tripura. *Vegetos.* Vol. 24 (1): 65 – 70. [ISSN 0970-4078](#)

## **b. National Journal**

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1. **Chakraborti, S.** Sinha, S. and Sinha, R. K., 2004. *Caesalpinia bonduc* (L.) Roxb. – a promising ethno-medicinal species of Tripura. *J. Natm. Bot. Soc.* Vol. 58: 11 – 15, India. [ISSN 0971-2976](#)
2. **Chakraborti, S.** Guha, A. Sinha, S. and Sinha, R. K. 2006. Karyomorphology of *Houttuynia cordata* Thunb. *J. Cytol. Genet.* 7. NS: 43 – 46, India. [ISSN 0253-7605](#)
3. Sinha, R. K. **Chakraborti, S.** and Sinha S. 2006. Karyological analysis of two species of *Tinospora*: an ethnomedicinally important taxon of Menispermaceae. *J. Cytol. Genet.* 7 (NS): 105-108, India. [ISSN 0253-7605](#)
4. **Chakraborti, S.** Sinha, S. and Sinha, R. K. 2007. Biochemical and electrophoretic distinction between *Psidium guineense* Sw. and *P. guajava* L. of the family Myrtaceae. *Ind. J. Forestry.* Vol. 30 (3): 367 – 370, India [ISSN 0250-524X](#)
5. **Chakraborti, S.** Sinha, R. K. and Sinha, S. 2009. Karyomorphology of *Caesalpinia bonduc* (L.) Roxb. (Caesalpiniaceae). *J. Cytol. Genet.* Vol. 11 (NS): 75 – 80. [ISSN 0253-7605](#)

6. **Chakraborti Saswati** and Sinha Rabindra Kumar. 2010. Karyomorphology of *Bambusa balcooa* Roxb. – A new report from Tripura, India. *J. Bamboo and Rattan*, Vol. 9. Nos, 1&2: 79-83. [ISSN 0973-4449](#).

**c. Any other (Specify) :**

1. Sinha, R. K. **Chakraborti, S.** Roy, K. and Sinha, S. 2005. Traditional knowledge on some ethnobotanical species of Tripura. *In: Proc. Inter. Confer. on Botanicals* : 272 – 275. Kolkata, India
2. Sinha, R. K. and **Chakraborti, S.** 2006. *Caesalpinia bonduc* (L.) Roxb. – an useful medicinal plant of traditional value. *Souvenir*, Tripura Govt. Ayurved Doctor's Association: 9-11, India
3. Sinha, R. K. **Chakraborti, S.** and Sinha, S. 2010. *Houttunia cordata* Thunb. – an ethnobotanical species of Tripura with medicinal values. *Souvenir*, Tripura Govt. Ayurved Doctor's Association: 11 - 16, India

**Participation in Conference / Seminar/Workshop**

1. Roy, K. **Chakraborti, S.** Sinha S and Sinha R. K. Variability in foliar epidermal characters and soluble seed protein profiles among the populations of *Andrographis paniculata* (Burn. F.) Wall Ex Nees – a potential ethnomedicinal species of Tripura. “**National Symposium on Impact of Chemistry on Life & Society**” **Organized by Deptt. of Chemistry, Tripura University**, October 1 – 3, 2004
2. **Chakraborti, S.** and Sinha R. K. “*Neptunia prostrata* (Lamk.) Baillon – a promising health diet for rural communities of Tripura” in **XXth Annual Conference of The Physiological Society of India – 2008. Organized by Department of human Physiology, Tripura University** held on December 12 to 14, 2008 (**Awarded as Best Poster Presentation**).
3. **Workshop** on Introductory Statistical Analysis of Biological Data, **Organized jointly by Computer and Statistical Service Centre, Indian Statistical Institute, Kolkata and Tripura University. at Computer Centre and Department of Human Physiology, Tripura University**, February, 23<sup>rd</sup> to 27<sup>th</sup>, 2009.
4. **Chakraborti, Saswati** and Sinha, Rabindra Kumar. Present Scenario of Endemic *Psidium guineense* Sw. in Tripura. “**Tripura Science Congress**”, **organized by Tripura State Council for Science & Technology, Govt. of Tripura in the Sector on Agriculture and Life Science** on September 8 – 9, 2011
5. **Saswati Chakraborti**. “Nutritive Values of Some Edible Ethnobotanical Plants of Tripura”. **National Seminar on Perspective of Phytoresource and its Sustainable Utilization. Organized by Department of Botany, UGC-SAP (DRS-I), Tripura University (A Central University), Tripura.** March 9<sup>th</sup> to 10<sup>th</sup>, 2017
6. **Saswati Chakraborti** and Goutam Ghoshal. **Studies On Some Ethnomedicinally Important Plants From Khowai, Tripura With Special Reference To Tripuri Community. National Seminar on Recent Trends in Biodiversity Conservation and Bioresource Utilization. Organized by Department of Botany, Women's College, Agartala. In collaboration with Department of Botany, Tripura University, Suryamnainagar.** 8<sup>th</sup> to 9<sup>th</sup> September, 2017.
7. **Training Programme of 100 hours duration titled “ Information Technology and Digital Services (including Digital Payments and GST)” organised at DDMC, Khowai and imparted by National Institute of Electronics and Information Technology (NIELIT) in partnership with Ministry of Development of North Eastern Region (MDoNER) Govt. Of India** from 26.11.2018 to 13.12.2018.

**(DR. SASWATI CHAKRABORTI)**