

**Teacher's Profile:**

<b>Name of the Teacher</b>	<b>DR. SANGITA DASCHOWDHURY (DEY)</b>
<b>Age</b>	48 years 4 months
<b>Gender</b>	Female
<b>Academic Qualification</b>	M.Sc. Ph. D with Specialization in Plant Taxonomy
<b>Professional Qualification</b>	Post Graduate Diploma in Environment Management from Indian Institute of Social Welfare and Business Management (IISWBM), Kolkata.
<b>Awards and Recognitions</b>	<ol style="list-style-type: none"><li>1. Junior Research Fellowship (2009-2005) and Senior Research Fellowship (2005-2008) from Botanical Survey of India.</li><li>2. Research Associate (2010-2012) from Bose Institute.</li><li>3. Acharya Jagadish Chandra Bose Post Doctoral Fellow (2013-2016) from Botanical Survey of India.</li><li>4. Acharya Jagadish Chandra Bose Post Doctoral Fellow [renamed as Research Associate I] (2017-2020) from Botanical Survey of India.</li></ol>
<b>Designation</b>	State Aided College Teacher (Category 1)
<b>Date of joining the college</b>	09.09.2013
<b>Years of Teaching Experience</b>	9 years 8 months
<b>Administrative Experience</b>	Member of Green Audit Cell (since 2020)
<b>Professional Experience</b>	Examiner and Scrutineer of both Theory and Practical papers at Under-Graduate Level for both Honours and General Courses for College and University Examinations.
<b>Research work/project</b>	Ph. D. thesis on "Revisionary studies on the tribes Rhynchosporaeae, Hypolytreae and Sclerieae of Cyperaceae in India. Post Doctoral Project Report on <ol style="list-style-type: none"><li>1. Revision of the subtribe Tripogoninae (Poaceae) in India.</li><li>2. Revision of the subtribe Cenchrinae (Poaceae) in India.</li></ol>
<b>Research Publications</b>	<b>Book:</b> <b>Dey, Sangita and P. V. Prasanna (2015) Cyperaceae:</b>

Mapanioideae; Cyperaceae: Cyperoideae, Tribe Schoeneae & Sclerieae In: Singh, P. & Dey, Sangita (eds.), Fasc. Fl. India, 27 Botanical Survey of India, Kolkata, pp 118, i to vi, 10 Colour plates. (ISBN No. 81-8177-070-b).

**Book chapter:**

1. **Dey Sangita** (2021): Diversity and Identification of Grasses in Dr. Debabrata Maity (ed.) Plant Systematics & Ethnobotany: Methods & Practices. The Proceedings of the 3 and 4 National Workshops under Taxonomy Training Centre, AICOPTAX, MoEF&CC Govt. of India. Pp 117-124.
2. Lakshminarasimhan. P., **Sangita Dey** and Avishek Bhattacharjee (2016): Importance of Taxonomy in the study of Medicinal Plants- Case studies with Panax L. (Araliaceae) & Picrorhiza Royle ex Benth. (Scrophuariaceae) in Chourasia, H. K. (ed.) Conservation of Medicinal Plants: Conventional & Modern approaches. Pp 1-6.

**Publication in peer reviewed journals: 27**

**Number of publications in International Journals:**

**16.**

1. Chorghe Alok, **Sangita Dey** & Pakshirajan Lakshminarasimhan 2021. Lectotypification of the names in the genus Themeda (Poaceae:Panicoideae). J. Jpn. Bot. 96 (1): 31-37.
2. Bhattacharjee, Abhisek, **Sangita Dey** & Subir Bandyopadhyay 2020. Proposal to to amend Recommendation 40A.1. Taxon 69(6):1389.
3. Bhattacharjee, Abhisek, **Sangita Dey** & Subir Bandyopadhyay 2020. Proposal to modify article 9.12. Taxon 69(3):630.
4. Srivastava, Amber, **Sangita Dey**, Sunil Kumar Srivastava & Lakhi Ram Dangwal 2018.

Lectotypification of *Eremostachys superba* (Lamiaceae, Phlomideae). J. Jpn. Bot. 93(6):401-403.

5. Chorghe, Alok R., **Sangita Dey**, Suman halder & P. V. Prasanna 2016. Proposal to conserve the name *Andropogon caricosus* (*Dichanthium caricosum*) (Poaceae) with a conserved type. Taxon 65(4): 885-886.

6. Halder Suman & **Sangita Dey** 2016. Typifications in the genus *Fimbristylis* (Cyperaceae), II. Novon 24 (4): 354-361.

7. Chorghe Alok, **Sangita Dey**, P.V.Prasanna & Y.V.Rao 2015. *Tripogon mahendragiriensis* sp. nov. (Poaceae) from the Eastern Ghats of Odisha (Orissa) State, India . Nordic Journal of Botany 33: 655-658.

8. Bandyopadhyay Subir, Avishek Bhattacharjee & **Sangita Dey** 2015. Proposals to add a new Recommendation and two Examples to Rec. 46D. Taxon 64 (3): 656-657.

9. Bhattacharjee Avishek, **Sangita Dey**, Subir Bandyopadhyay & Paramjit Singh 2015. Proposal to amend Article 9.19. Taxon 64 (4): 862-863.

10. **Dey Sangita** and Suman Halder 2015. Typification in the genus *Fimbristylis* (Cyperaceae) Vahl. Annales Botanici Fennici 52:224-232.

11. Kar Sutrishna, **Sangita Dey** and Paramjit Singh 2015. Epitypification of *Festuca arundinacea* (Poaceae). Phytotaxa 195(1):90-93.

12. Halder Suman, **Sangita Dey**, Anant Kumar and Potharaju Venu 2014. Lectotypification of *Fimbristylis tenera* (Cyperaceae). Phytotaxa 188(5):287- 291.

13. **Dey Sangita** & Parigi Venkateswara Prasanna 2013. Lectotypification of *Scleria alta* and *Schoenus nemorum* (Cyperaceae). J. Jpn. Bot. 88(4):212-215.

14. **Dey Sangita** & Parigi Venkateswara Prasanna 2012. Typifications of *Rhynchospora hookeri* Boeck, *Rhynchospora longisetis* R. Br. and *Rhynchospora rubra*

(Lour.) Makino (Cyperaceae). *Candollea* 67(1):45-50.

**15. Dey Sangita & P. Venkateswara Prasanna** 2008.

Epitypification of *Scleria terrestris* (L.)

Fass.(Cyperaceae). *Taxon* 57(1):293-294.

**16. Dey Sangita & P. V. Prasanna** 2007. Typifications in the genus *Scleria* P. J. Bergius (Cyperaceae). *Candollea* 62(1):53-59.

**Number of publications in National Journals: 11**

**17. Siddabathula Nagaraju, Ravi Kiran Arigela, K. Althaf Ahamed Kabeer and Sangita Dey** 2021. On the occurrence of *Tripogonella minima* (Poaceae: Chloridoideae) in India. *Nelumbo* 63(2):66-71

**18. Dey S., Das S. & K. Karthigeyan** 2021. *Microstegium* (Poaceae), a new generic record for Andaman & Nicobar Islands, India. *Rheedea* 31(2): 68-70.

**19. Dey, Sangita & P. V. Prasanna** 2020. New Varieties & Synonyms in the genus *Tripogon* Roem. & Schult. (Poaceae) in India. *Ind. J. Forestry* 43 (2) 150-172.

**20. Karmakar, A., Datta, S. & Dey, S.** 2020. *Sporobolus tenuissimus* (Poaceae) - a new record from Eastern India with notes on stem anatomy and phytoliths. *NeBIO* 11(3): 208-211.

**21. Dey, Sangita & P.V.Prasanna** 2020. Taxonomic status of some recently described species of *Tripogon* Roem. & Schult. (Poaceae) from India. *J. Econ. Tax. Bot.* 43:5- 15

**22. Paithane, Vijay.A., Sangita Dey, A.S.Jadhao & Ravi Pandurang Patil** 2017. Extended distribution of *Tripogon filiformis* Nees ex Steud. (Poaceae) to Central India. *International Journal of Plant, Animal & Environmental Sciences* 7(3):26-28.

**23. Dey Sangita & P. V. Prasanna** 2010. The tribe *Rhynchosporae* Nees (Cyperaceae) in India. *Rheedea* 20:1-19.

**24. Dey Sangita & P. V. Prasanna** 2009. New Records of *Scleria* P.J.Bergius (Cyperaceae) from Karnataka, India.

	<p>Ind. J. Forestry 32(3):511-512.</p> <p><b>25. Dey Sangita &amp; P. V. Prasanna</b> 2009. Exclusion of <i>Schoenus nigricans</i> L, <i>Rhynchospora triflora</i> Vahl, <i>Scleria foliosa</i> Hochst., and <i>Scleria reticulata</i>(Holtt.) Kern (Cyperaceae) from Flora of India. Ind. J. Forestry 32(4):685-686. 1</p> <p><b>26. Dey Sangita</b>, H. S. Debnath and P. K. Sikdar 2006. A Review of the legal tools for management of Sundarban Biosphere Reserve, West Bengal, India. Indian Forester 132(10):1343-1356.</p> <p><b>27. Dey Sangita &amp; P. V. Prasanna</b> 2005. On the status and distribution of <i>Scleria sumatrensis</i> Retz. (Cyperaceae) in India. Journal of Non-Timber Forest Products 12(4):231-233</p>
<p><b>Seminars/Workshops/Certificate Courses/Professional Training Programmes/Webinars/E-Quiz attended</b></p>	<p><b>Presentations delivered as invited speaker/Resource persons (18)</b></p> <ol style="list-style-type: none"> <li>1. Invited lecture in One Day online workshop (Webinar) organized by Incubation Cell and IQAC of Anandibai Raorane Arts, Commerce and Science College, Vaibhabwadi, Maharashtra, Sindhudurg, 416810 on 24th February 2022 on “Research Opportunities for UG and PG students of Science”.</li> <li>2. <b>Four (4)</b> lectures on ‘Author Citation of Plant Names’, ‘Principle of priority and its limitation’, ‘Categories and Hierarchy’ and ‘How to describe a New Taxon’ in a 3-day National level workshop on ‘Basics of Plant Identification and Nomenclature’ organized by Department of Botany, R. D. &amp; S. H. National College &amp; S. W. A. Science College, Bandra (W) Mumbai in collaboration with Botanical Survey of India from 22.11.2019-24.11.2019.</li> <li>3. Diversity and Identification of Grasses’ in a National level workshop on ‘Vascular Plant Taxonomy: Field Skills, Plant Identification and Plant Nomenclature’ organized by Taxonomy Research &amp; Training Centre (AICOPTAX, MoEF &amp; CC, Govt. of India) &amp; CAS, Department of Botany,</li> </ol>

University of Calcutta from 05.12.2018-12.12.2018.

4. **Three (3)** lectures on 'Author Citation of Plant Names', 'Elementary knowledge of ICBN/ICN; Preamble, Principle' and 'Principle of priority and its limitation' in a 2-days National level workshop on 'Herbarium Techniques and Plant Nomenclature' organized by Ramakrishna Mission Vivekananda Centenary College, Rahara in collaboration with CNH, BSI and ENVIS Resource Centre, BSI from 22.02.2018 to 23.02.2018.
5. **Two (2)** lectures on 'Author Citation of Plant Names' and 'Elementary knowledge of ICBN/ICN; Preamble, Principle' in a 2-days National level workshop on 'Herbarium Training and Plant Nomenclature' organized by PG Department of Botany, Bethune College, Kolkata in collaboration with CNH, BSI from 04.05.2017 to 05.05.2017.
6. **Two (2)** lectures on 'Elementary knowledge of ICBN/ICN; Preamble, Principle' and 'Principle of priority and its limitation' in in a 2-days National level workshop on 'Training on Basics of Plant Nomenclature' at Central National Herbarium, Howrah from 14.01.2017 to 15.01.2017 organized by BSI-ENVIS and CNH.
7. **Three (3)** lectures on 'Plant Identification', Elementary knowledge of ICBN/ICN; Preamble, Principle' and 'Principle of priority and its limitation' in a 3-days National level workshop on 'Training on Basics of Plant Identification and Nomenclature' at Botanical Survey of India, Eastern Regional Centre, Shillong from 07.11.2016 to 09.11.2016 organized by BSI ERC, Shillong.
8. 'Identification of Angiosperms' in the National level "Capacity Building Training Course in Plant Taxonomy" organized by T.N.B. College Bhagalpur in association with Department of Botany, Bhagalpur University and Botanical Survey of India during 20<sup>th</sup>-27<sup>th</sup> February, 2015.
9. 'DNA Fingerprinting----an approach to Molecular Taxonomy' at a Training course on "Capacity Building on

Plant taxonomy” organized by ENVIS Centre on Floral Diversity, Botanical Survey of India during 21<sup>st</sup> and 22<sup>nd</sup> April, 2012.

**Participation in Seminars/Symposia/Workshop/Webinars**

10. 1<sup>st</sup> Botanical Congress (An International Meet) organized by Bulletin Botanical Society of Bengal in collaboration with Department of Botany, University of Calcutta on 23<sup>rd</sup>-25<sup>th</sup> March, 2023.
11. National Seminar on Trajectory of Plant Research and Diversity in 75 Years of Independence of India organized by Department of Botany, Shri Shikshayatan College, Kolkata and ICAR- Central Research Institute For Jute and Allied Fibres, Barrackpore, Kolkata on 2<sup>nd</sup> and 3<sup>rd</sup> December, 2022.
12. Two-day workshop (funded by SERB, DST, Govt. of India) on Analysis of Statistical data & Use of R-Code organized by Department of Statistics & Internal Quality Assurance Cell (IQAC), Bidhan Nagar College, Kolkata on 17<sup>th</sup> and 18<sup>th</sup> November, 2022.
13. Faculty Enrichment Programme organized by Murlidhar Girls’ College in celebration of 91<sup>st</sup> Birth Anniversary of Late Dr. A. P. J. Abdul Kalam on Advances in Space Research, Technology and future of Scientific Innovations: India@75on 28<sup>th</sup> November, 2022.
14. International Symposium on Plant Taxonomy and Ethnobotany organized by Botanical Survey of India, MoEFCC (13<sup>th</sup>-14<sup>th</sup> February 2020, Kolkata).
15. Botanical Nomenclature Course’ organized by Southern Regional Centre, Botanical Survey of India Coimbatore, Tamil Nadu (11<sup>th</sup> – 15<sup>th</sup> March, 2019).
16. DST sponsored One day State Level Seminar on “Biological Sciences in the New Era: Current Progress and Challenges Ahead organized by Government General Degree College, Kaliganj, Debagram, Nadia, West Bengal (30<sup>th</sup> October 2018).
17. XXVIII Annual Conference of Indian IAAT and International

	<p>Seminar on 'Plant Systematics: Priorities and Challenges' (10<sup>th</sup> – 12<sup>th</sup> November 2017, University of Delhi, Delhi).</p> <p>18. GIS Training Programme on ArcGIS 1: Introduction to GIS organized by ESRI, India (10<sup>th</sup> – 12<sup>th</sup> May 2017).</p> <p>19. UGC Sponsored State Level Seminar on Sundarbans-The Endangered Ecosystem organized by Department of Botany &amp; Geography, Muralidhar Girls College in collaboration with Department of Botany, Sivanath Sastri College, Kolkata (6<sup>th</sup> February 2016).</p> <p>20. 'Workshop on DNA Barcoding organized by Centre for DNA Taxonomy, Molecular Systematics Division &amp; Training &amp; Extension Division, Zoological Survey of India, MoEFCC, Kolkata (7-8 March, 2016).</p> <p>21. Botanical Nomenclature Course' organized by Botanical Survey of India and ENVIS Centre on Floral Diversity, Howrah (11<sup>th</sup> – 13<sup>th</sup> January, 2013).</p> <p>22. 100<sup>th</sup> Indian Science Congress held at Calcutta University (3<sup>rd</sup> – 7<sup>th</sup> January, 2013).</p> <p>23. DST sponsored National Seminar on Indigenous Health &amp; Medicine System: Indian and South African Perspective held on Jadavpur University on 27<sup>th</sup> December, 2012.</p> <p>24. XVIII Annual Conference of Indian Association of Angiosperm Taxonomy (IAAT) and International Seminar on 'Multidisciplinary Approaches in Angiosperm Systematics' (11<sup>th</sup> – 13<sup>th</sup> October 2008, Kalyani, West Bengal).</p> <p>25. 'Workshop on Bamboo Taxonomy' organized by AICOPTAX Centre for Bamboos of Eastern India, BSI, Kolkata from 27<sup>th</sup> to 28<sup>th</sup> April, 2007.</p> <p>26. Awareness Cum Workshop on Herbarium Technique &amp; Methodology' organized by 'ENVIS Centre on Floral Diversity' (Ministry of Environment &amp; Forests, Govt. of India), BSI, IBG, Howrah (12-13 March, 2005).</p> <p>27. 'Workshop on Scanning Electron Microscopy' organized by the University Science Instrumentation Centre, The University of Burdwan (5-8 April, 2004).</p>
--	--



	<p style="text-align: center;"><b>Webinars attended:</b></p> <ol style="list-style-type: none"> <li>28. Preparing for Assessment and Accreditation under revised guidelines organized by P. N. Das College &amp; Muralidhar Girls' College, IQAC on 12.05.2021.</li> <li>29. Society at crossroads: poised between Old &amp; New Paradigm organized by Muralidhar Girls' College, Dept. of Economics on 08.09.2020.</li> <li>30. Modern History of Botany in India &amp; Role of Botanical Survey of India organized by Basirhat College, Dept. of Botany and IQAC on 29.08.2020.</li> <li>31. Science, Biology and the World's Future organized by Dinabandhu Andrews College, Dept. of Botany &amp; IQAC on 25.08.2020,</li> <li>32. Exploring online databases with special emphasis on NDLI, National Digital Library of India organized by General Library, Muralidhar Girls; College on 22.08.2020.</li> <li>33. Sustaining Hope &amp; well being : Vision during Covid -19 Pandemic &amp; Dengue organized by Muralidhar Girls' College, NSS Unit on 14.08.2020.</li> <li>34. Changing Tunes and New Classrooms organized by West Bengal College and University Professors' Association on 09.08.2020.</li> <li>35. Environment &amp; Present crisis: The Steps Forward organized by Serampore College (Biodiversity club) &amp; Barrackpore Rastraguru Surendranath College on 25.07.2020 &amp; 26.07.2020.</li> <li>36. COVID-19: Science &amp; Reality organized by Narasinha Dutta College, Dept. of Botany and IQAC on 13.06.2020.</li> </ol>
<p><b>Papers Presented</b></p>	<ol style="list-style-type: none"> <li>1. "Identification and Economic Importance of the genus <i>Setaria</i> P. Beauv. (Poaceae) in India" in 1<sup>st</sup> Botanical Congress (An International Meet) organized by Bulletin Botanical Society of Bengal in collaboration with Department of Botany, University of Calcutta on 23<sup>rd</sup>-25<sup>th</sup> March, 2023.</li> </ol>

	<ol style="list-style-type: none"> <li>2. "Morphotaxonomy of the genus <i>Cenchrus</i> (Poaceae) in India" in National Seminar on Trajectory of Plant Research and Diversity in 75 Years of Independence of India organized by Department of Botany, Shri Shikshayatan College, Kolkata and ICAR- Central Research Institute For Jute and Allied Fibres, Barrackpore, Kolkata on 2<sup>nd</sup> and 3<sup>rd</sup> December, 2022.</li> <li>3. 'The subtribe Cenchrinae (Poaceae) in India' in International Symposium on Plant Taxonomy and Ethnobotany organized by Botanical Survey of India, MoEFCC (13<sup>th</sup>-14<sup>th</sup> February 2020, Kolkata).</li> <li>4. Illustration of Grasses with Digital Photography' in DST sponsored One day State Level Seminar on "Biological Sciences in the New Era: Current Progress and Challenges Ahead organized by Government General Degree College, Kaliganj, Debagram, Nadia, West Bengal (30<sup>th</sup> October 2018).</li> <li>5. 'The Subtribe Tripogoninae Stapf (Poaceae) in India' in 'XXVIII Annual Conference of Indian IAAT and International Seminar on 'Plant Systematics: Priorities and Challenges' (10<sup>th</sup> - 12<sup>th</sup> November 2017, University of Delhi, Delhi).</li> <li>6. '<i>Scleria</i> P.J.Bergius (Cyperaceae) in India' in 'XVIII Annual Conference of Indian Association of Angiosperm Taxonomy (IAAT) and International Seminar on 'Multidisciplinary Approaches in Angiosperm Systematics' (11<sup>th</sup> - 13<sup>th</sup> October 2008, Kalyani, West Bengal).</li> </ol>
<p><b>Methods followed in classroom teaching</b></p>	<p>Classical chalk and talk method, power point presentation, use of charts, models, audio-visual aids and computer, participatory/interactive classes, laboratory experiments, online Classes through Google Meet.</p>
<p><b>Any innovative ideas introduced to improve teaching learning</b></p>	<p>Interactive sessions with students participating in group discussions, online quiz, peer group teaching, presentation by students, project work, Arrangement of field trips to familiarize students with different kinds of Plant communities and their</p>

	importance for conservation and sustainable use of bioresources in future.
<b>Academic and personal guidance and counseling of the students</b>	Support, encouragement and career related guidance and counselling on traditional and applied aspects of Botany/Life Science.