# **CURRICULUM VITAE**

- **1. NAME:** DR. DIPU SAMANTA
- 2. DESIGNATION: STATE AIDED COLLEGE TEACHER-1
- **3. DEPARTMENT:** BOTANY
- 4. EMAIL ID: <u>dipusamanta2010@gmail.com</u>

botany2020kbc@gmail.com

## 5. DATE OF JOINING IN THIS COLLEGE: 06.12.2017 (As Guest Lecturer)

Redesignated as SACT on and from 01.01.2020

COURSE	SUBJECT	UNIVERSITY
B.Sc.	Botany	University of Calcutta
M.Sc.	Botany ( <b>Special Paper</b> : Plant Cell and Tissue Culture)	University of Calcutta
Ph.D.	Botany	University of Calcutta

### 6. ACADEMIC QUALIFICATION:

## 7. TEACHING EXPERIENCE:

INSTITUTION	COURSE	DURATION
Dr. Kanailal Bhattacharyya College	UG	06.12.2017 to till date
Lady Brabourne College	PG (as visiting faculty)	16.02.2018 to till date
Jogesh Chandra Chaudhuri College	UG	01.08.2016 - 13.12.2019

# 8. **RESEARCH EXPERIENCE:** From August, 2010 to till date.

INSTITUTION	DURATION
University of Calcutta (As Research Scholar)	August, 2010 – November, 2017
Lady Brabourne College (As Honorary)	February, 2018 – till date
Presidency University (As Honorary)	June, 2022 - till date

## A) Research area:

• Micropropagation, *in vitro* callus culture, somatic embryogenesis and organogenesis of medicinally important plants, determination of clonal fidelity

- Cytomorphological analysis
- Estimation of 4C Nuclear DNA content using Cytophotometer
- Molecular analysis- using RAPD, ISSR, ITS primers, Spectrophotometric analysis
- Biochemical analysis- Protein, Isozyme assay, HPLC analysis, secondary metabolites assay
- Transcriptome analysis
- Statistical analysis and Phylogenetic study

#### **B)** Title of the Thesis:

"Analysis of Different Species and Varieties of *Tabernaemontana* using Chromosomal, Biochemical and Molecular Parameters".

### 9. PAPER PUBLISHED IN JOURNAL (22)

Sl no.	Title of Paper	Journal	Year	ISSN	Journal/ article Link
				Number	
1.	Effects of cytokinin	Journal of the	2011	0.071	https://connectjournal
	<i>in vitro</i> shoot bud	Botanical		0971	s.com/subscription_in
	multiplication and subsequent plant	Society of		2976	fo.php?bookmark=CJ-
	regenerationof	Bengal		(Prin	000258
	Solanum melongena L.			t)	(Published in print version only)
2.	Karyomorphologica	Cytologia	2015	0011	https://www.jstage.jst.
	l analysisof different varieties of <i>Tabernaemontana</i>			- 4545	go.jp/article/cytologia/ 80/1/80_67/_pdf
	coronaria.				
3.	A review on <i>in vitro</i>	Journal of the	2015	0071	https://connectjournals.
	propagation of <i>Centella asiatica</i> L.:	Botanical		0971	<pre>com/subscription_info. php?bookmark=CJ-</pre>
	an important	Society of		2976	000258
	medicinal herb	Bengal		(Prin t)	(Published in print version only)
4.	Cytomorphological	Nucleus	2016		1
	analysis and <i>in situ</i> 4C nuclear DNA			(ONLINE ISSN	https://link.springer.c
	estimation in			0976-	om/article/10.1007/s
	species and varieties			7975,	<u>13237-016-0166-3</u>
	of			PRINT	
	Tabernaemontana			ISSN	
	(fam. Apocynaceae)			0029- 568X)	
				JUOA)	

5.	Genome analysis	Journal of	2016		https://connectjourna
	of	the		0971-2976	ls.com/subscription_
	Tabernaemontana	Botanical		(Print)	info.php?bookmark=
	utilizingcyto-	Society of			CJ-000258
	morphological and	Bengal			(Published in print
	nuclear DNA	Dongai			version only)
	parameters				(criston only)
6.	Morphological	Journal of the	2017	0071	https://connectjournal
	characterization and somatic	Botanical		0971	<u>s.com/subscription_in</u> fo.php?bookmark=CJ
	chromosome	Society of		2976	-000258
	number	Bengal		(Prin	(Published in print
	determination in five populations of			t)	version only)
	<i>Sphagneticola</i>				
	calendulacea (L.)				
7.	Pruski. Protein and isozyme	International	2018	2455	https://www.botanyj
	analysisin different	Journal of		-	ournals.com/archives
	species, varietiesand populations of	Botany Studies		541X	/2018/vol3/issue1/2-
	Tabernaemontana	5			6-62
8.	In vitro stable	International	2018	2230-7605	https://www.ijpbs.com/i
	plantlet regeneration from callus culture	Journal of		(Online)	jpbsadmin/upload/ijpbs
	of Cicer arietinum	Pharmacy and		2321-3272	_5b98be44180ee.pdf
	L.	Biological		(Print)	
		Sciences			
9.	Analysis of different	Journal of the	2018		https://connectjournal
	varietiesof	Botanical		0971	<u>s.com/subscription_in</u> fo.php?bookmark=CJ
	Tabernaemontana coronaria using	Society of		2976	-000258
	ISSR and ITS	Bengal		(Prin	(Published in print
	markers.			t)	(Published in print version only)
10.	In vitro clonal	Plant Science	2019	2348	https://horizonepublis
	propagation,	Today		-	hing.com/journals/ind
	organogenesis and somatic			1900	ex.php/PST/article/vi
	embryogenesis in				<u>ew/600</u>
	Bacopa monnieri				
11.	(L.) Wettst Augmentation of	Indian Journal of	2020	0975	http://op.niscpr.res.in/in
	antioxidative	Experimental	- *	-	dex.php/IJEB/article/vie
1 1				1000	
	potential of <i>invitro</i> propagated <i>Mentha</i>	Biology		1009	w/65344/465481146

	piperita L.				
				(Online),	
				0019-5189	
10	Insishes into the	International	2020	(Print)	https://www.intonsciou
12.	Insights into the phytochemical		2020	2141	https://www.interesjou
	potential of	Research		5447	rnals.org/articles/insig
	Lawsonia inermis L.	Journal of			hts-into-the-
	for future small molecule based	Plant Science			phytochemical-
	therapeutic				potential-of-lawsonia-
	applications				inermis-1-for-future-
					small-molecule-based-
					therapeutic-
					applications.pdf
13.	Influence of the	International	2021	2230-9713	https://jpionline.org/st
	home cooking	Journal of		(Online),	orage/2023/05/IntJPha
	practices on the	Pharmaceutical		2230	rmaInvestig-11-1-
	bioactive	Investigation		- 973X	<u>027.pdf</u>
	components of two	8		(Prin	<u></u>
	important edible			t)	
	herbs- Amaranthus				
	viridis and				
14.	Amaranthus tricolor A review on the	International	2021	2141	https://www.interesjour
14.	potential of	Research	2021	-	nals.org/articles/a-
	Bacoside as	Journal of		5447	review-on-the-potential- of-bacosides-as-
		Plant Science			therapeutic-lead-
	therapeutic lead				molecules.pdf
	molecules	Internet in 1	2021	0070	
15.	<i>In vitro</i> stable regeneration of an	International	2021	2278	https://www.ijird.org/
	important medicinal	journal of		8670	<u></u>
	herb Bacopa	integrated			(Published in print
	<i>monnieri</i> (L.) Pennell- a way of	research and			version only)
	conservation	development			
16.	Role of plants in	Indian Journal	2021	0970	Indian Journal of
	mitigatingpollution:	of		-	Applied & Pure
	A case study	Applied &		2091	Biology   Role of
		Pure Biology			plants in mitigating
		0.			

		(Special			pollution: A case
		Volume)			study (biology-
		volume)			
					journal.org)
1.		T 1 C /1	2021		1
17.	Mangrove and molluscs association	Journal of the	2021	0971	https://connectjournals. com/subscription_info.
	in Indian	Botanical		-	php?bookmark=CJ-
	Sundarbans	Society of		2976	000258
		Bengal		(D)	
				(Prin t)	(Published in print version only)
18.	Plants for Soil	Indian	2021	0970	
10.	pollution Control:		2021	0970	https://biology- journal.org/journal/vo
	A Review	journal of		2091	lume2/issue2/ijapb2s-
		applied			2-17.html
		and pure			
		biology			
		(Special			
		-			
		Volume)			
19.	Phytochemical and	Internation	2022	2455	https://www.botanyjo
	molecular profiling of tissue culture	al Journal		- 541X	urnals.com/assets/arc hives/2022/vol7issue4
	derived Bacopa	of Botany		$J41\Lambda$	<u>/7-4-20-377.pdf</u>
	monnieri (L.) Wettst	Studies			<u>// / 20 577.pdr</u>
	clones against field				
	grown plants				
20.	Cytokinin and	Frontiers	2022	1664	https://www.frontiersi
	abiotic stress tolerance- what has	in		- 8021	n.org/articles/10.3389 /fgene.2022.943025/f
	been accomplished	Genetics		0021	<u>ull</u>
	and the way				
	forward?				
21.	Traditional uses,	Frontiers	2022	229	https://www.ncbi.nlm
	phytochemistry,	in		6861 V	<u>.nih.gov/pmc/articles/</u>
	pharmacology and toxicology of garlic	Nutrition		Х	<u>PMC9650110/</u>
	(Allium sativum), a				
	storehouse of				
	diverse				
	phytochemicals: A				
	review of research from the last decade				
	focusing on health				
	and nutritional				
	implications				

22.	Transcriptome analysis reveals upregulated secondary metabolite pathways in micropropagated <i>Lawsonia inermis</i> L.	Vegetos	2023	0970 - 4078	https://link.springer.c om/article/10.1007/s4 2535-023-00613-5
23.	Biotechnology of <i>Passifora edulis:</i> role of <i>Agrobacterium</i> and endophytic microbes	Applied Microbiology and Biotechnology	2023	1432-0614	https://link.springer.c om/article/10.1007/s0 0253-023-12667-1

# 10. BOOK/ BOOK CHAPTER PUBLISHED: (09)

Sl.	Title of the	Title of the paper	Year of	ISBN/ISSN number	Name of the
No.	book/chapter		publication	of the proceeding	publisher
	published				
1	Frontiers In Life	Invitro Clonal	2021	978-81-953600-5-5	Bhumi
	Science	Propagation In Centella			Publishing
		asiatica			
2	Fundamentals on	A Review Of Organic	2021	978-93-91681-08-1	Bharati
	Plant And Soil	Farming			publications
	Microbial				
	Interactions (Theory				
	And Practice)				
3	Biodiversity and	Ecological Significance of	2021	978-93-91681-28-9	Bharati
	Sustainable Resource	Estuarine Molluscs			publications
	Management (Basic				
	to Research)				
4	Biodiversity and	Indian Sundarbans: A	2021	978-93-91681-28-9	Bharati
-	Sustainable Resource	Harbour Of Molluscs in	2021	770-75-71001-20-7	publications
		Association with			publications
	Management (Basic				
	to Research)	Mangroves			

5	Plant Tissue C	ulture-A Lab Manual	2022	Online- 978-93-	BP
				5547-248-9,	International
				Print- 978-93-5547-	
				240-3,	
6	New Visions in	A Manifestation on The	2022	Online- 978-93-	BP
	<b>Biological Science</b>	Phytoplankton Dynamics		5547-582-2,	International
	vol.9	of Sundarbans Ecoregion		Print- 978-93-5547-	
				523-7,	
7	Environmental	Environmental	2022	978-93-91550-73-8	NB
	Management	Degradation: Causes, Its			Publications
		Impact on Living			
		Organisms and Mitigation			
8	Environment and	In vitro Regeneration of	September	978-93-94779-43-3	Bharti
	Sustainable	Glycyrrhiza glabra L.	2022		Publications
	Development:				
	Problems, Prospects				
	and Mitigation				
			NT 1	070 02 04770 (2.1	
9	Birds around us	A Review on Role of	November,	978-93-94779-62-4	Bharti
		Birds in Agriculture and	2022		Publications
		Forestry			

# 11. PAPER PUBLISHED IN PROCEEDINGS (01)

SL	NAME OF THE	ORGANIZED BY	TITLE OF PAPER	YEAR
NO.	PROCEEDINGS			
1.	Proceedings of	Agri Horticultural	Stable Plant	2010
	Botanicals inIntegrated	Society ofIndia.	Regeneration through	(Print
	Health Care		Somatic	version
			Embryogenesis in two	only)
			species of Allium.	

# 12. PAPER/ POSTER PRESENTED IN SEMINAR/ CONFERENCE/ SYMPOSIUM: (16)

SL NO.	INTERNATIONAL/ NATIONAL/ STATE/ LOCAL	ORGANIZED BY	TITLE OF PRESENTATION	DATE
1.	International	Agri HorticulturalSociety of India.	StablePlantRegeneration throughSomaticEmbryogenesis in twospecies of Allium.(Poster presentation)	26 <sup>th</sup> - 28 <sup>th</sup> December, 2010
2.	National	Indian Science Congress Association	Cyto-morphological study of species and varieties of <i>Calathea</i> . (Poster presentation)	3 <sup>rd</sup> – 7 <sup>th</sup> January, 2013
3.	International	University of Calcutta	Genome analysis of varieties of <i>Tabernaemontanadivaricata</i> using chromosomal and molecular markers. (Poster presentation)	15 <sup>th</sup> -16 <sup>th</sup> February, 2014
4.	National	West Bengal Academy of Science & Technology	Cytological study of <i>Tabernaemontana coronaria</i> . (Poster presentation)	27 <sup>th</sup> - 29 <sup>th</sup> November, 2014,
5.	National	All India Congress of Cytology and Genomics	Chromosome analysis and <i>in situ</i> 4C nuclear DNAestimation in <i>Tabernaemontana</i> . (Poster presentation)	22 <sup>nd</sup> - 24 <sup>th</sup> December, 2015,
6.	International	University of Calcutta	Karyological, biochemical and molecular investigationson <i>Tabernaemontana</i> . (Poster presentation)	21 <sup>st</sup> - 23 <sup>rd</sup> Decemb er, 2016
7.	National	University of Calcutta	Genome characterization of different species, varieties and populations of <i>Tabernaemontana</i> using protein and molecular markers. (Poster presentation)	29 <sup>th</sup> and 30 <sup>th</sup> March, 2018

8.	International	St. Xavier's College in	A study on	20 <b>th</b>
		collaboration with The	biochemical characterization	December,
		Blue Patch and The Biome	and micropropagation of	2019
		Dionic	Lawsonia inermis.	
9.	National	Bidhannagar College	Micropropagation as a tool for	22 <sup>nd</sup> and
).	Ivational	Dianamagar Conege	meeting the challenge of	22° and 23 <sup>rd</sup>
			manipulation and conservation	February,
			of two species of <i>Mentha</i> .	2020
			(Poster presentation)	
10.	National	Seva Bharti	<i>In vitro</i> stable regeneration of an	28 <sup>th</sup> to
10.	Tuttonui	Mahavidyalaya, Lalgarh	important medicinal herb	30 <sup>th</sup>
		College in collaboration	Bacopa monnieri (L.) Pennell- a	July,
		with Dristicon	way of conservation.	2021
		organization	(Oral presentation)	
11.	International	St. Aloysius College	A review on the role of natural	27 <sup>th</sup> and
	International		immunomodulators inrespect to	28 <sup>th</sup>
			the COVID- 19 outbreak	August, 2021
			(Oral presentation)	2021
12.	International	Seva Bharti	In vitro regeneration	25 <sup>th</sup> - 27 <sup>th</sup>
		Mahavidyalaya, Lalgarh	of <i>Glycyrrhiza glabra</i> L.	November,
		College in collaboration	(Oral presentation)	2021
		with Avinashilingam		
		Institute for Home		
		Science and Higher		
		Education for Women		
13.	International	Seva Bharti	Role of plants in mitigating	25 <sup>th</sup> - 27 <sup>th</sup>
		Mahavidyalaya, Lalgarh	pollution: A case study (Oral presentation)	November, 2021
		College in collaboration	(oral presentation)	2021
		with Avinashilingam		
		Institute for Home		
		Science and Higher		
		Education for Women		
14.	National	Seva Bharti	Plants for soil pollution	$22^{nd} - 23^{rd}$
		Mahavidyalaya, Lalgarh	control: A review(Oral	December, 2021
		College in collaboration	presentation)	
		with Avinashilingam		

15.	National	Institute for Home Science and Higher Education for Women Department of Botany, Siksha- Bhavana, Visva- Bharati, Santiniketan & Department of Botany, Raidighi College	Rapid <i>in vitro</i> stable regeneration of <i>Bacopa</i> <i>monnieri</i> (L.) Wettst (Oral presentation)	22 <sup>nd</sup> and 23rd January, 2022
16.	National	GGDC Lalgarh	Traditional herbs: A Remedy for Hypertension (Oral presentation)	25 <sup>th</sup> and 26 <sup>th</sup> November, 2022

## 13. SPEAKER/ RESOURCE PERSON: (02)

SL NO.	INTERNATIONAL/ NATIONAL/ STATE/ LOCAL	ORGANIZED BY	TITLE OF PRESENTATION	DATE
1.	International	Reignite Innovative Conferences- 2 <sup>nd</sup> editionof Global Biotechnology Conference	<i>In vitro</i> studies of an important medicinal herb <i>Bacopa monnieri</i> with reference to chromosome and biochemical analysis.	18 <sup>th</sup> and 19 <sup>th</sup> March, 2021
2.	Local	Lalgarh College, Seva Bharti Mahavidyalaya in collaboration with Dristicon organization	Plant cell and tissue culture: a way of plant propagation.	25 <sup>th</sup> September, 2021

# 14. WORKSHOP/FDP/SHORT TERM COURSE ATTENDED (32)

Academic Session	Sl no.	Course	Торіс	Organized by	Date
2018-19	1	Workshop	B.Sc. Practical syllabus(Algae and Fungi)	Prabir Chatterjee Research Foundation in collaboration with CAS, Dept. of Botany, University of Calcutta	1 <sup>st</sup> August, 2018
	2	National Workshop	Vascular Plant Taxonomy:Field skills, Plant identification & Plant nomenclature	Taxonomy Research & Training Centre (AICOPTAX, MoEF & CC, Govt. of India) &CAS, Dept. of Botany, University of Calcutta	5 <sup>th</sup> to 12 <sup>th</sup> December, 2018
	3	National Workshop	Cryptogam Taxonomy: Field to Laboratory	Taxonomy Research & Training Centre (AICOPTAX, MoEF & CC, Govt. of India) &CAS, Dept. of Botany, University of Calcutta	29 <sup>th</sup> Januaryto 5 <sup>th</sup> February, 2019
2019-20	1	Local Workshop (Summer School)	Computational biology and <i>in silico</i> data analysis	The Biome Research Facility	10 <sup>th</sup> – 16 <sup>th</sup> Auguist, 2019
	2	National Workshop	Translational approach ofthe Botanical Code	Taxonomy Research & Training Centre (AICOPTAX, MoEF & CC, Govt. of India) & CAS, Dept. of	10 <sup>th</sup> to 12 <sup>th</sup> February, 2020

	3	Workshop	B.Sc. Practical Syllabus (Plant Geography, Ecologyand Evolution, Economic Botany, Genetics)	Botany, University of Calcutta Prabir Chatterjee Research Foundation in collaboration with CAS, Dept. of Botany, University of Calcutta	4 <sup>th</sup> to 6 <sup>th</sup> March, 2020.
	4	5-days Online International Faculty Development Programme	Teaching, learning & evaluation in HEIs in pandemic & post pandemic India- Issues & Challenges	Indian Academic Researchers Association in association with Barrackpore Rastraguru Surendranath College & Panihati Mahavidyalaya	25 <sup>th</sup> to 29 <sup>th</sup> June, 2020
2020-21	1	2-days e- Workshop	Online Teaching, Learning and Evaluation	New Alipore College and K. K. Das College	18 <sup>th</sup> and 19 <sup>th</sup> July, 2020
	2	Faculty Development Programme	Outcome Based Education	Rai University, Pune	22 <sup>nd</sup> to 24 <sup>th</sup> July, 2020
	3	2- days Professional Development Programme	Application of ICT in the 'New Normal' Teaching & Learning	Barrackpore Rastraguru Surendranath College	29 <sup>th</sup> and 30 <sup>th</sup> July, 2020
	4	One week Faculty Development Programme	Art of effective teaching	Vidya Jyothi Institute of Technology	3 <sup>rd</sup> to 8 <sup>th</sup> August, 2020

5	7-days International Workshop/ STC	Challenges and opportunities of e-learningin special context to educational philosophy	KGK College, Moradabad	7 <sup>th</sup> to 13 <sup>th</sup> August, 2020
6	Workshop	Aquaculture and Fisheries: Development and Sustainability	Guru Nanak College (Autonomous)	13 <sup>th</sup> to 19 <sup>th</sup> August, 2020
7	2-days e- Workshop: e- Adhyayan	Online Teaching, learning and evaluation	Uluberia College and K. K. Das College	16 <sup>th</sup> and 17 <sup>th</sup> August, 2020
8	5-days Online Faculty Development Programme	An Insight into Research Methodology in Social Science	Barasat College	24 <sup>th</sup> to 28 <sup>th</sup> August, 2020
9	2-days National Workshop	Online Teaching- Learningin Present Scenario	Department of Education, Kidderpore Collegein collaboration with IQAC, Kidderpore College	26 <sup>th</sup> and 27 <sup>th</sup> August, 2020
10	National Online Professional Development Programme	The open way of virtual learning and issues of plasiarism	Karimpur Pannadevi College	30 <sup>th</sup> August, 2020
11	National online Faculty Development Programme	Online Teaching and Learning Tools	St. Mary's College (Autonomous)	6 <sup>th</sup> to 8 <sup>th</sup> November, 2020

	12	Faculty Development Programme	Emerging Trends in PlantSciences Topic III – Intellectual Property Rights: Powerhouse for Innovation	Department of Botany, Vivekananda College, Tiruvedakam West, Madurai	1 <sup>st</sup> March, 2021
	13	Faculty Development Programme	Emerging Trends in Plant Sciences Topic VI – An Insight into the Biology ofArbuscular Mycorrhizal Symbiosis	Department of Botany, Vivekananda College, Tiruvedakam West, Madurai	26 <sup>th</sup> March, 2021
	14	National e- Workshop	Modern angiospermic taxonomy: Concept, Tools and Techniques	Dev Samaj College for Women, Ferozepur	4 <sup>th</sup> May, 2021
	15	One week FDP Webinar	Digital skills for smart teaching	Don Bosco College (Autonomous), Manipur	14 <sup>th</sup> to 19 <sup>th</sup> June, 2021
	16	Online Faculty Development Workshop	How to Use ICT in Teaching, Learning & Administrative Practices in Higher Education Institutions	IQAC, Surendranath College	18 <sup>th</sup> to 20 <sup>th</sup> June, 2021
2021-22	1	Online Faculty Development Programme	Biopharmaceuti cal Technology & Probiotics	St. Aloysius College (Autonomous), Jabalpur,(M. P.), INDIA	8 <sup>th</sup> - 14 <sup>th</sup> November 2021
	2	FDP (online)	St. Mary's College (Autonomous), Thoothukudi	Nanomaterials	23 <sup>rd</sup> - 27 <sup>th</sup> November2021

					]
	3	Online Faculty Development Programme	Data Analytics for Business & Research	St. Xavier's College (Autonomous), Kolkata	4th December, 2021
	4	UGC Stride Sponsored Training Programme	Avinashilingam Institute for Home Science and Higher Education for Women	Environmental Sustainability and Research Ethics	21 <sup>st</sup> – 26 <sup>th</sup> March, 2022
	5	Workshop (online)	Department of Life Sciences, Sanjivani Arts Commerce and Science College	Bioinformatics	8 <sup>th</sup> & 9 <sup>th</sup> April, 2022
2022-23	1	Workshop	A.P.J. Abdul Kalam Government College in collaboration with Central National Herbarium & amp; ENVIS Resource Partner on Biodiversity- Botanical Survey of India	Identification and Nomenclature of plants including Lower Groups	6 <sup>th</sup> -7 <sup>th</sup> September, 2022
	2	Workshop	University Of Calcutta	Mushroom cultivation, microalgae cultivation and biomolecules separation	8 <sup>th</sup> -10 <sup>th</sup> September, 2022
	3	Workshop	City College, Kolkata	Basic Cell Biology Techniques	25 <sup>th</sup> - & 26 <sup>th</sup> November, 2022
	4	Workshop	Kolkata Bidhannagar Society For Academic Advancement Jointly With Vidyanagar College.	Research Methodology	24 <sup>th</sup> – 25 <sup>th</sup> June, 2023

2023-24	1	Workshop	Uudaan Educational	Academic	$16^{\text{th}} - 18^{\text{th}}$
			Services	Integrity and	July, 2023
				Prevention of	
				Plagiarism	
	2	Workshop	Uudaan Educational	Reference	25 <sup>th</sup> - 27th
			Services	Management	September, 2023

## **15. ANY OTHER INFORMATION: -**

- Reviewer of a Journal (Scopus indexed, Web of Science UGC care list II journal) (April, 2020 to till date).
- Coordinator of Science Fair and Organizing committee member of 1st Botanical congress organized by Botanical society of Bengal and University of Calcutta, held on 23.3.23 to 25.3.23.
  - Executive Council member of Botanical Society of Bengal (July, 2022 to till date).

## **16. LIFE MEMBERSHIP: -**

Botanical Society of Bengal Prabir Chatterjee Research Foundation