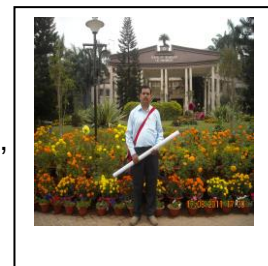


### Appendix-3

## Smt. Narsamma Arts, Commerce and Science College Kiran nagar, Amravati

### Faculty Profile

- 1. Name** : DR. DATTATRAYA M. RATNAPARKHI  
**2. Address (residential)** : 19, NEW SWASTIK NAGAR, BADNERA ROAD,  
AMRAVATI - 444607  
**3. Phone No** : 9422956850  
**4. E-mail address** : datta.ratnaparkhi@gmail.com  
**5. Designation** : Associate Professor  
**6. Department** : BOTANY  
**7. Date of birth** : 04 / 12 / 1975  
**8. Area of specialization** : CYTOGENETICS & ECOLOGY



### 9. Academic qualification:

Examination passed	University	Subject/ Specialization	Year of passing	Division/ Grade/ Merit
S. S. C.	Nagpur Board	March - 1991	66.71	First
H. S. S. C.	Amravati Board	March - 1993	65.27	First
B. Sc. (Bio.)	Amravati University	March - 1996	69.77	First
M. Sc. (Bot.)	Amravati University	March - 1998	72.0	First
B. Ed.	Amravati University	March - 2001	78.50	First
C. E. S. (Certificate in Environmental Studies)	IGNOU, New Delhi	June - 2003	65.33	First
M. Sc. (Eco. & Env.)	SMU, Gangtok	March - 2006	64.20	First
Ph. D.	Amravati University	Nov. - 2007	--	--

### 11. Orientation/Refresher Courses Attended:

Sr. No	Name of the Course	Period	Conducting Agency	Rank Achieved
1	ORIENTATION PROGRAMME	08 to 28/10/2012	Academic Staff College, SGBAU University, Amravati	
2	SUMMER SPECIAL SCHOOL	03 to	Academic Staff College, Pune University, Pune	

### Appendix-3

	(REFRESHER COURSE)	23/6/2013		
3	Refresher Course in Life Science	20.8.2018 – 12.9.2018	UGC – HRDC, SGB Amravati University, Amravati	
4	Online Short Term Course on Gender Sensitization	30/11/2020 to 05/12/202	UGC-HRDC, SGB Amravati University, Amravati	
5	Online Short Term Course on ICT	17/5/2021 to 23/5/2021	UGC-HRDC, Gujarat University, Ahmedabad	

#### A) Published Papers in Journals:

Sr. No.	Title with page nos.	Journal	ISSN / ISBN No.	Impact Factor, if any
1	“Implications of Characteristic Environmental Parameters of Melghat Forest, Dist. Amravati”, pp-75-81	Environment Conservation Journal, Lucknow, 6 (2), 2005	(ISSN 0972-3099)	---
2.	“Impact of Tourism on Eco-complexity of Pohara Forest, Dist. Amravati, Maharashtra.” pp– 20-26	<i>The Botanique</i> , Nagpur, Vol. 20 (I), 2016	(ISSN 0257-800X)	---
3.	Role of consultancy services in the field of Environment Management with respect to Pohara forest Region, Dist. Amravati, Maharashtra, India	International Journal of Advance Research And Innovative Ideas in Education IJARIIE (Ahemadabad Gujrat)	ISSN (O) – 2395-4396 Vol. 4,	
4.	Comparative study of leaf architecture in the species of genus <i>Indigofera</i> L.	International Journal of Advance Research And Innovative Ideas in Education IJARIIE	ISSN (O) – 2395-4396 Vol. 6,	
5.	The leaf architecture and its taxanomic significance in some species of cassia	International Journal of Advance Research And Innovative Ideas in Education IJARIIE	ISSN (O) – 2395-4396 Vol. 6,	

### Appendix-3

6.	Anatomical peculiarities of <i>Indigofera parviflora</i> – New addition in Amravati flora	International Journal of Advance Research And Innovative Ideas in Education IJARIIE (Ahemadabad Gujrat)	ISSN (O) – 2395-4396 Vol. 7,	
7	Anatomical Investigation of <i>Cassia uniflora</i> of Mill.	International Journal of Advance Research And Innovative Ideas in Education IJARIIE (Ahemadabad Gujrat) International	ISSN (O) – 2395-4396 Vol. 7, Issue – 1	
8	Physico-chemical Properties of Sediments of Bor River Dam, Near Nandgaon Peth, District Amravati	Cosmos Mulidisciplinary Research E-Journal	ISSN 2456 – 1665 Volume VI Issue V	

#### B.(i) Articles / Chapters published in Books :

Sr. No.	Title with page nos.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of co-authors	Whether you are the main author
1	A text Book of Botany (Plant Physiology and Ecology) Sem. V pp -128 - 151	Nabh Prakashan, Amravati	978-81-905776-104-3	No	--	YES
2	लोकोपयोगी वनस्पतींचा पंच समूह	Nachiket Prakashna, Nagpur ISBN	978-81-953138-2-2		--	YES
3	Eco-tourism as a learning & innovative tool for sustainable development Pp 96 - 101	Innovative Research Trends in Science & Humanities, InSc Publishing House, Karnataka (Volume I)	978-1-954461-44-4		--	YES

### Appendix-3

#### B.(ii) Full Papers in Conference Proceedings :

S.N.	Title with page nos.	Details of Conference	ISSN / ISBN No.
1	Buddhist Approach to solve Global Ecological Crisis Pp: 173-175	UGC Sponsored – Interdisciplinary International Conference. on Relevance of Buddhism in present era, Organised by Buddhist Study Center, 11-12 March, 2011	RB – ISSN: 2231-1025
2	<i>“Impact of tourism on eco-complexity of Melghat forest, Dist. Amravati, Maharashtra, India”</i> pp- 368-373	Proceedings of National Conference on Innovative Research Trends in Biological Sciences, organized by Shri. Shivaji Science College, Akola on 8 & 9 Sept., 2012	ISBN: 978-81-923621-0-6
3	<i>“Eat hard: Eat smart diet”</i> , pp- 85-87	Proceedings of Interdisciplinary National Conference on ‘Use of Innovative Technology in Food Science’, organized by Dept. of Food Technology, Ramkrishna Mahavidyalaya, Darapur, Dist. Amravati on 10 Jan. 2013.	ISBN: 978-93-82588-07-8
4	<i>“Role of Tribals in conservation of vegetation in Melghat forest, Dist. Amravati, Maharashtra”</i> pp- 301-304	Souvenir of National Conference on ‘Advances in Life Sciences: Present and Future (AILSPF - 2013), organized by Dept. of Botany & Zoology, Vidyabharti Mahavidyalaya, Amravati in collaboration with S. S. S. K. R. Innani Mahavidyalaya Karanja (Lad), Dist. Washim, on 11 & 12	ISBN: 978-93-82588-73-05-4
5	<i>“Bharat: An Emerging Giant and it’s Contribution in Global Welfare”</i> , pp- 54-57	Proceedings of National Seminar on ‘Bhartiya Education System in the Global Context’, organized by Gujrat University and Vidyabharti Gujrat, on 11 Feb 2013.	ISBN: 978-81-906373-0-5

### Appendix-3

6	<i>"Impact of soil &amp; water on Biodiversity of Melghat Forest, Maharashtra, India" , pp 201-207</i>	Proceedings of ' ICPSBC - 2005', SGB Amravati University, Amravati	
7	<i>"Mahatma Gandhiji: The Embodiment of Indian Cultural Heritage", PP: 103-105</i>	4 <sup>th</sup> National Seminar's Souvenir on : "Indian Culture in life & work of Mahatma Gandhi" organized by H.V. P. M. Amravati on 21 & 22 Feb. 2014.	ISBN: 978-81-923351-9-3
8	<i>"Eco-tourism vis-à-vis Environmental Impact Assessment for Biodiversity Conservation in Melghat Forest, Dist. Amravati, Maharashtra, India", pp: 232-233</i>	Proceeding of International Inter-disciplinary Conference on - "Relevance of Higher Education for the Development of Human Resources", organized by Sunit's Institute of Language, Literature & Research, Jalgaon on 7 & 8 March, 2014.	ISBN: 978-81-926449-9-8
9	<i>"Buddhism vi-a-vis Environmental sustainability and well-being" Pp: 514-516</i>	Proceeding of International Inter-disciplinary Conference on - "Vision:2056", organized by Gondwana University Teacher's Association at Chandrapur -on 22 & 23 March, 2014.	ISBN: 978-93-84198-56-5
10	Floristic diversity in selected stands of Pohara forest, Dist. Amravati, M. S. <b>PP: 74-77</b>	Nagnah College of Arts & Science, Aundha (Nagnath)	978-81-909804-9-4
11	Diversity of Ornamental herbs from Amravati District <b>PP: 71-72</b>	Nagnah College of Arts & Science, Aundha (Nagnath)	978-81-909804-9-4
12	An Integrative Approach to the conservation of Plant Genetic Resources, <b>PP: 303-306</b>	Proceeding on Role of Higher Education on Creation of Knowledge Society, Jalgaon	978-93-85026-04-1

### C. Completed Research Projects: 01 MRP (Minor Research Project)

### Appendix-3

Sr. No.	Title	Agency	Period	Grant /Amount Mobilized (Rs lakh)
1.	Studies on Specific Environmental Features of Pohara Forest, Dist. Amravati, Maharashtra	Universiy Grant Commission, WRO, Pune	Two Years (2014-2016)	Rs. 330000 (Three Lakh Thirty Thousand Rupees only)

#### (E) (i) Papers presented in Conferences, Seminars, Workshops, Symposia :

Sr. No.	Title of the Paper	Title of Conference / Seminar	Organized by	International / National / state /Regional / College or University level
1	"Implications of characteristic Environmental parameters in Melghat forest."	XXVI Indian Botanical Conference,	Jamia Hamdard University, New Delhi during Dec. 29 - 31 2003.	National Conference
2	Biodiversity studies through vegetation analysis of selected spots in Melghat forest area, Dist Amravati, Maharashtra	XVI <sup>th</sup> Annual Conference of Indian Association for Taxonomy and International Seminar on Present Trends and Future Prospects of Angiosperm Taxonomy	Botany Group of Plant Sciences, Agharkar Research Institute, Pune, during Dec. 4 - 6 October, 2006.	National Conference
3	Vegetation Analysis vis-à-vis sustainable development in Melghat forest, Dist. Amravati	Seminar on status of biodiversity in India	R.D.I.K. College ,Badnera 10-11, Dec. 2011	National
4	Vegetation Diversity in selected Stands of Melghat forest, Dist. Amravati, Maharashtra, India	Conference on Innovations In Biosciences (IBS)-2011	R. A. Mahavidyalaya, Washim. 14-15 / 10 / 2011	National
	Buddhist Approach to solve Global	UGC Sponsored – Interdisciplinary	Buddhist Study Center, Ramkrushna	International Interdisciplinary

### Appendix-3

5	Ecological Crisis	International Conference. on Relevance of Buddhism in present era,	Mahavidyalaya, Darapur. 11-12 March, 2011	Conference
6	Ecosystem diversity management with special reference to Melghat forest, Dist. Amravati, Maharashtra, India	Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)	P. G. Dept of Botany, SGBAU, Amravati	International Symposium and National Conference
7	<i>"Bharat: An Emerging Giant and it's Contribution in Global Welfare",</i>	'Bhartiya Education System in the Global Context'	Gujrat University and Vidyabharti Gujrat, Ahemadabad, Feb. 2012	National Seminar
8	<i>"Eat hard: Eat smart diet"</i>	'Use of Innovative Technology in Food Science'	Dept. of Food Technology, Ramkrishna Mahavi, Darapur, Dist. Amravati	National Conference
9	<i>"Impact of tourism on eco-complexity of Melghat forest, Dist. Amravati, Maharashtra, India"</i>	Innovative Research Trends in Biological Sciences	Shri. Shivaji Science College, Akola	National Conference
10	<i>"Role of Tribals in conservation of vegetation in Melghat forest, Dist. Amravati, Maharashtra"</i>	National Conference on 'Advances in Life Sciences: Present and Future (AILSPF -2013),	Dept. of Botany & Zoology, Vidyabharti Mahavidyalaya, Amravati in collaboration with S.S.K. R. Innani Mahavidyalaya Karanja (Lad), Dist. Washim, on 11 & 12 Jan.2013.	National Conference
11	<i>"Mahatma Gandhiji: The Embodiment of Indian Cultural Heritage"</i>	4 <sup>th</sup> National Seminar on : "Indian Culture in life & Work of Mahatma Gandhi"	organized by H.V. P. M. Amravati 21 & 22 Feb. 2014.	National Seminar

### Appendix-3

12	<i>“Eco-tourism vis-à-vis Environmental Impact Assessment for Biodiversity Conservation in Melghat Forest, Dist. Amravati, Maharashtra, India”</i>	International Inter-disciplinary Conference on- “Relevance of Higher Education for the Development of Human Resources”	Sunit’s Institute of Language, Literature & Research, Jalgaon , on 7 & 8 March, 2014.	International Inter-disciplinary Conference
13.	“Buddhism vis-à-vis environmental impact assessment and well-being.”	Conference of Proceeding of “vision 2056”	Gondwana University Teacher’s association, at Chandrapur, on 22 & 23 March, 2014.	International Inter-disciplinary Conference
14	Biodiversity Conservation through Eco-tourism aspects in Pohara Forest of Amravati district, Maharashtra	National Conference at Nagpur	October, 2014 Nagpur	National Conference
15	Floristic Diversity in Melghat Forest, Dist. Amravati, Maharashtra: Conservation & Concerns	Tropical Ecology Congress, (TEC) 2014	10-12 Dec. 2014 JNU, New Delhi	International Conference
16	Floristic diversity in selected stands of Pohara forest, Dist. Amravati, M. S.	Nagnah College of Arts & Science, Aundha (Nagnath)	19 & 20 Dec.2014 Aundha(Nagnath)	National Conference
17	Factors prompting Bio-diversity richness in Pohara forest, Dist. Amravati, Maharashtra	ISCA, Mumbai University, Mumbai	3-7 Jan. 2015	National Conference
18	Impact of Tourism on Eco-complexity	P. G. Dept. of Botany,	30-31 Dec. 2016	National



### Appendix-3

	of Pohara Forest, Dist. Amravati, Maharashtra	SGBAU, Amravati.		
	Role of consultancy services in the field of Environment Management with respect to Pohara forest Region, Dist. Amravati, Maharashtra, India	International Journal of Advance Research And Innovative Ideas in Education IJARIE (Ahemadabad Gujrat) International		

### 14. Teaching Experience

Courses Taught	Name of the University/ College/ Institution	Duration
UG	ACS College, Kiran Nagar, Amravati	12 years
	GVISH, Amravai	02 years
PG	P. G. Botany Dept. of SGBAU	03 yeras
	Shivaji Sci. College, Amravati	01 year

### 15. Innovations/Contributions in teaching

#### ❖ Teaching Methods

- ❖ Teaching Methods : Use of LCD & PPT, Google Class room, Whatsapp,
- ❖ Preparation of resource materials : Charts and Models, e-books, N-list resources

### 16. Role in college activities

- Worked as Member of Curricular Committee
- Worked as Member of Equal Opportunity Centre (UGC sponsored Scheme)
- Guardian of a group of Students under the Tutor-Ward system of the college.
- Worked as member of Campus Development Committee.
- Working as Co-ordinator of Co-Curricular Committee

### 17. Role in university activities

- \* Worked as a External/Internal examiner for SGB Amravati University practical exam.
- \* Undertaken valuation for SGB Amravati Uni. exam.