

Biodata

1. **Name** : Dr.Mrs. Varsha NitinNathar
2. **Designation** : Professor
3. **Nationality** : Indian
4. **Category (ST/SC/OBC/Open)** : Open
5. **Office Address** : Post Graduate Teaching Department of
Botany, Sant Gadge Baba Amravati
University, Amravati-444602
- Telephone No.** : 09422962887
- Email** : varshanathar@sgbau.ac.in
6. **Residence Address** : 22, Ramkrishna Housing Society,
Near Dental College Wadali, Amravati
7. **Educational Qualification** : **M.Sc. (Botany); Ph.D.**

Examination	Name of the Board / University	Year of passing	Percentage of marks Obtained	Division/ Class/ Grade	Subjects
S.S.C.	C.B.S.E., New Delhi	March, 1982	66.5%	I	English, Hindi, Marathi, Sciences Maths, Social Sciences
H.S.C.	C.B.S.E., New Delhi	March, 1984	68%	I	Sciences Maths English, Hindi
B.Sc.	Nagpur University, Nagpur	April 1987	58.5%	II	Bot, Chem., Zoo and Fisheries
M.Sc. (Botany)	Br. B.A.M.U., Aurangabad	March, 1989	70.00%	I	Botany
B.Ed.	YCMOU, Nashik	2005	60.00%	I	Science Maths

8. Teaching experience : 24 yrs
 9. Research Experience : 24 years

Degree	Title/Topic	Date Of Award	University
Ph.D.	Cytogenetical Studies in species of <i>Coix lacrymjobi</i> .	Dec. 1992	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

10. Interest in Research Area : Cytogenetics, Molecular Biology, , Biotechnology and Plant Tissue Culture

11. Guidance for Research : Ph.D's Awarded and working

Sr. No.	Name of Ph.D. Research Student	Topic.	Award Notification No
1	Ms. Vijaya N. Bondre	Studies in bioactive constituents and invitro Propagation in <i>Semecarpus anacardium</i> L.	No.66/2012 dt 06/07/2012
2	Ms. Varsha S. Dhoran	Cytological studies with special emphasis on banding patterns in <i>Chlorophytum Ker</i> – Gwal.	No.59/2013 dt 14/1/2013
3	Ms. Smita P. Gudadhe	Cytological characterization and banding studies in <i>Asparagus</i> L.	No 57/2013 dt 24/09/2013
4	Mr. Prashant S. Gadge	Investigations on characterization of species <i>Pumbago</i> using molecular marker.	No.26/2015 dt. 30/01/2015
15	Mr. Ghulam M. Yattoo	Studies on hairy root induction and artemisinin analysis in <i>Artemisia</i> sps.	No.74/2014 dt. 22/11/2014
6	Ms. Manisha. Kapil	Characterisation of Morphodiversity in <i>Phaseolus vulgaris</i> L. using Biochemical markers	No. 86/2018 dt. 1.12.2018
7.	Mr. Malik Aabid Hussain	In vivo and In vitro studies on bioactive constituents in an aromatic medicinal plant – <i>Ruta graveolens</i> L	No. 124/2019 dt. 19.9.19
8.	Ms. Teena Landge	Studies on invitro rare medicinal plants from Vidarbha region	Working
9.	Ms. Shradha Deshmukh	Cytogenetical analysis in species of <i>Lilium</i> L. from India	Working

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M.Phil

: 02 (Awarded)

12. Papers Published in International and National Journals:

Sr. No	Title with Page Nos.	Journal/Vol No page No/Year IF	ISSN No	year
1	Gas chromatography-Mass Spectrometry (Gc-Ms) Analysis In Callus Extracts Of <i>Ruta Graveolens</i> L.	World Journ. Of pharmaceutical Resaerch 6(12): 1195-1210 IF 8.074	2277-7105	2017
2	Genetic diversity in cultivars of <i>Phaseolus vulgaris</i> L. by using biochemical markers	Journ. Of agriculture and Veternary science 10(5):29-33	2319-2380	2017
3	GC-MS analysis of Methanolic Extracts of <i>Ruta Graveolens</i> L. for Bioactive Compounds.	American Journ. Of Pharmatech research 7(2): 316-324 IF 1.123	2249-3387	2017
4	<i>In-vitro</i> studies of a valuable medicinal plant- <i>Artemisia vulgaris</i> L. (Mugwort	World Journ. Of Pharmacy and Pharmaceutical sciences IF 6.041	2278-4357	2016
5	Investigations on Secondary Metabolites in <i>Cissus quadrangularis</i> Linn	Journal of Pharma and Bio Sciences: 6(2): 349-353	0975-6299	2014
6	Callogenesis in <i>Semecarpus anacardium</i> L.- Anticancerous Medicinal Plant,	International Journal of Advances in Life Sciences.	2581-4877	2014
7	Micropropagation of an antidiabetic medicinal plant, <i>Artemisia pallens</i> ,:	Turk J Bot 38: 491-498. IF 1.0	1300008X, 13036106.	2014
8	Callus culture of <i>Spilanthes paniculata</i> (DC) Jansen- An Aromatic Medicinal plant.,	Journal of Scientific and Research, Volume 3 Issue 11	0976-2876	2014
9	Genomic DNA Isolation from <i>Plumbago</i> L. Species growing in India,	International Journal Of Scientific Research, 2(7),45-46. IF 0.3317	0976-2876	2013
10	Phytochemical screening of Bioactive Constituents in <i>Indigofera cassioides</i>	Indian Journal Of Applied Research, 3(7): 1-4.	2249-555X	2013

	Rottle. DC.;			
11	Preliminary screening of different phytochemicals from <i>Ensete superbum</i> (roxb.) Cheesman: A highly medicinal plant of Indian origin,	J. Res. Phytochem. Pharmacol., 3(1), 57-59	0975-6299	2013
12	Meiotic Analysis and Pollen viability in <i>Asparagus racemosus</i> var. <i>javanica</i> (Kunth) Baker,	Annals of Plant Sciences, 2:(4) , 108-113.	2287-688X	2013
13	Amacid: A Computer Generated Program For Amino Acid Detection,	Journal of Advanced Bioinformatics Applications and Research, 3: 2, 290-293	1178-6949	2012
14	Breaking Embryonic Seed Dormancy Of <i>Malus Pumila</i> Mill. (Apple) Under <i>In-Vitro</i> Conditions By Kinetin	<i>Journal of Innovation Sciences and Discoveries</i> , vol 4	2319-9369	2012
15	Meiotic Abnormalities in <i>Chlorophytum comosum</i> (Thunb) Jacq.	International Journal of Research in Plant Science 2(2):29-34.	2319-1643	2012
16	Women in Modern India in Proceedings of conference on Feminism in Contemporary India.	Proceedings of National conference. Vol. (I) PP.139- 142		2012
17	Studies Of Bioactive Constituents In <i>Indigofera linifolia</i> Retz,	Journal of Bio Chemical Science, 1: (3)	1362-4326,	2011
18	Phytochemical Investigations On <i>Indigofera Cordifolia</i> Hyene Ex Roth	J.Indian.Bot.Soc. . 90(1&2), 97-102.	0019 - 4468	2011
19	Pollen viability and in-vitro germination in diploid and tetraploid <i>Asparagus</i> L.	International Journal of Current Research,3(6):074-077.	0975-833X	2011
20	Phytoconstituents, Proximate And Mineral Composition Of <i>Semecarpus Anacardium</i> L.An Ethnomedicinal Plant	International Journal Of Current Research, 3(6),423-428,	0975-833X	2011

21	Direct Organogenesis of <i>Mentha piperata</i> L. from shoot tip, nodal and sucker explants;	International Journal of Agriculture Technology Vol.8(2):663-669	1686-9141	2011
22	Algorithm Developed For Searching Literature In Plants Through Offline Or Online	Journal Of Advanced Bioinformatics Applications And Research. 1 (1): 37-40.	1178-6949	2010
23	Computer Assisted karyotyping tool for generation of Idiogram	Biotechnology and Bioinformatics. 4: 121-122	2575-999X	2009
24	Phylogenetic classification: relevance to bioinformatics perspective.	Bioinformatics Trends 1 (4):39-46		2006
25	Biochemical Changes Effected By Boron On Growth And Development Of Potato (<i>Solanum Tuberosum</i> L.),	J.Comp.Toxicol.Physiol . .2(I & Ii) 18-27.	1532-0456	(2005),
26	Implications of characteristics Environment Parameters of Melghat Forest, Dist. Amravati,	Environment Conservation 6(2): 75-81.	1469-4387	2005
27	Morphological and cytological analysis in <i>Lilium</i> L. cultivars	Ayushi Int. interdisciplinary research Journal Special issue : 979-985 IF 4.574	2349-638X	2018
28	Chemiprofilling of volatile oils extracted from <i>Artemisia absinthium</i> using GC-MS	Int. Journ. Of innovative Pharmaceutical Sciences and Resaerch 5(12): 143-154 IF 2.6095	2347-2154 online	2017
29	Induction of Callus and preliminary phytochemical profiling from callus of <i>Artemisia absinthium</i> and <i>A.pallens</i>	Int. Journ. Of current trends in science and Technology 8(2): 20236-20241	0976-9498	2018
30	Investigations on important secondary metabolites from aerial parts of <i>Artemisia absinthium</i> using GC MS	Journ. Of pharmacognosy and phytochemistry 7(1):820-827	2349-8234	2018
31	Medicinal properties of	Int. Journ. Of	2394-4404	2017

	Artemisia absinthium L. – A review	innovative Research and Advanced studies 4(10): 238-242		
32	Comparative phytochemical investigations from aerial parts of Artemisia pallens using GC MS analysis	Int. Journ. Of Science and Engg. 3(1): IF 4.109	2456-3293	2018
33	Chromosomal analysis in Chlorophytum tuberosum baker from Melghat forest dist Amravati	Ajanta Sijif: 8(1): 72-80 IF 5.5	2277-5730	2019
34	Phytochemical profiling of Ruta graveolens L. – A vital medicinal Plant using GC MS	Int. Jour, of Life Sciences6(3):2536-2543	2581-8732	2020
35	Investigations on Morphological variations and mitotic index in <i>Lilium</i> L. cultivars	Int. Research Fellow Association research Journey IF 6.261	2348-7143	2019
36	Studies on natural dyes from dye yielding plants	The Botanique 19(1):29-36	0257-800X	2015
37	Hexuple Trisomic in <i>Coix lacryma-jobi</i> , Amravati	University Research journal 1 (1),		(2003).
38	Cytological Studies In Nullisomic Hexuple Trisomic Of <i>Coix Lacryma-Jobi</i> ,	The Nucleus, 47 (1, 2): 55-58.	0976-7975, 0029-568X.	(2004),
39	Phylogenetic classification: relevance to bioinformatics perspective	. Bioinformatics Trends 1 (4):39-46	1994-7941	(2006)
40	Ethnobotanical study of common medicinal plants used by the people of village Fubgaon, District-Amravati (Maharashtra), India..	International Journal of Current Trends in Research	2278-8042	(2014).
41	DNA Fingerprinting of Species and Accessions of Plumbago L. using ISSR markers	Global journal of Research Analysis Vol.4(7):234-235	2277-8160	2015
42	Detection and analysis of genetic variations in species of Plumbago L. using RAPD markers.	Indian Journal of Biotechnology Vol13(1):140-143 IF 0.62		2014
43	Morphological collation of species and accessions of Plumbago l. using numerical analysis	Journ. Indian Botanical Society. Vol. 100 (1&2) 2020:77-82	0019 - 4468	2020

Index in Scopus , web of science etc. with good number of citations and H index.

13. Book/ Articles/ Chapters published in Books:

Sr. No.	Title of Book/ Chapter/Authors	Editors & publisher	Local/ National/ International Publisher	ISSN/ ISBN No.
1	<p>Book: Medicinal Plants: Biodiversity, Sustainable Development and Conservation</p> <p>Chapter: In vitro method of high frequency regeneration through intermodal callus</p> <p>Authors: Malik A.H and Nathar V.N.</p>	<p>Editors: S.M.Khasim;Chunling Long;Kanchit Thammasiri and Henrik Lutkin</p> <p>Publisher: Springer</p>	International	978-981-15-1636-8

14. Papers presented in International and National Conferences:

•“Study of Complex Aneuploids in Coix lacryma” in National Conference on frontiers in Biotechnological Aspects of Plant Sciences and 4th Annual Meeting of Marathwada Botanical Society during 30th to 31st October, 2002

•“Nullisomoc Hexuple Trisomic in Coix lacrymajobi in XVIII National symposium on Recent Trends in Life Sciences with special reference to Wild Life and Conservation during 16th to 19th November, 2002 organised by Department of Zoology, NCS and ISLS

•“Meiosis in Autotriploid Coix lacrymajobi.”in All India Congress of Cytology and Genetics during 28th to 30th October , 2002 organized by Mahatma Institutes of Medical Sciences, Sewagram

•“Biochemical Changes Effected by Boron on Growth and Development of Potato(Solanum tuberosum L.) ” in 2nd International Congress of Plant Physiology on “Sustainable Plant produce under changing environment” during 8th to 12th January,2003 Organized by Indian Society for Plant Physiology and International Association for Plant Physiology IARI , New Delhi .

•“Preliminary analysis on carbohydrates with respect to growth parameters in medicinal Plants” in XXXth Botanical Conference (Indian Botanical Society) and National Seminar, on “Emerging trends in Plant Science: Biodiversity, Biotechnology

and Environmental Conservation during 28th –30th November, 2007. Organized by School of Studies in Botany, Jiwaji University, Gwalior, and (M.P.).

- “Phytochemical studies in *Semecarpus anacardium* L.” in National Conference 20th to 21st November, 2008 by Department of Botany, Institute of Science, Mumbai.

- “Ethics of prescribing antibiotics and drug resistance “presented in XI All India Meeting of Women in Science on Science and Technology: Ethics in Science at IWSA, Vashi, Navi Mumbai. 28th to 0th Jan.2011

- “Antimicrobial Studies in *Tinospora Cordifolia*” in International conference on “Microorganisms in environmental management and Biotechnology” during 1-3 July, 2011 organised by Department of Biotechnology and Bioinformatics center Barkatullah University, Bhopal- 462026.

- Genomic DNA Isolation from *Plumbago* L. Species Growing in India in XXXIV All India Botanical Conference during 10-12 October 2011 organised by Department of Botany, University of Lucknow, Lucknow.

- Efficient protocol for in- vitro micro propagation and regeneration of *Artemisia Pallens* Wall. - An antidiabetic medicinal Plant in XXXIV All India Botanical Conference during 10-12 October 2011 organised by Department of Botany, University of Lucknow, Lucknow.

- Studies on Antifungal activity of a sacred medicinal plant *Oscimum sanctum* L. In National conference on “Mycodiversity with its sustainable exploration and Biotechnological applications and 38th Annual meeting of Mycological Society” during 6-7 February, 2012 organised by Department of Botany, Shri Shivaji Science College, Amravati.

- Women in Modern India in National conference on “Feminism in Contemporary India” during 30th March 2012 organised by Pratibha Women’s Studies Center, Vidhyabharti Mahavidyalaya, Amravati

- “Phytochemical investigations and in-vitro antibacterial study of *Ensete superbum*(Roxb.) Chessman” in “Current trends in Medicinal Plant Research” during 10-12 January, 2012 organised by Department of Botany, University of Pune, Pune

- Phylogenetic Analysis of species on the basis of Morphodiversity and RFLP in “Current trends in Medicinal Plant Research” during 10-12 January, 2012 organised by Department of Botany, University of Pune, Pune

- Developmental of Successful Protocol for \induction of Callogenesis in *Semecarpus anacardium* in International Symposium and XXII Annual Conference of IAAT on “Innovative Prospects in Angiosperm Taxonomy” Organised by Department of Botany, S.G.B. Amravati University Amravati in Collaboration with IAAT during

- Cytotaxonomy of Hexaploid *Cholophytum nimoni* DALZ in International Symposium and XXII Annual Conference of IAAT on “Innovative Prospects in

Angiosperm Taxonomy” Organised by Department of Botany, S.G.B. Amravati University Amravati in Collaboration with IAAT during

- Morphodiversity in Species of *Asparagus L.* from India in International Symposium and XXII Annual Conference of IAAT on “Innovative Prospects in Angiosperm Taxonomy” Organised by Department of Botany, S.G.B. Amravati University Amravati in Collaboration with IAAT during

- Generation of Medicinal Plant Database from Sant Gadge Baba Amravati University Amravati campus. in International Symposium and XXII Annual Conference of IAAT on “Innovative Prospects in Angiosperm Taxonomy” Organised by Department of Botany, S.G.B. Amravati University Amravati in Collaboration with IAAT during

- Micropropagation studies in *Centella asiatica Linn.*- A valuable medicinal plant in International Symposium and XXII Annual Conference of IAAT on “Innovative Prospects in Angiosperm Taxonomy” Organised by Department of Botany, S.G.B. Amravati University Amravati in Collaboration with IAAT during

- Ensete superbum (Roxb.) Cheesman*: An highly medicinal plant of Indian origin having antibacterial activity in 53rd Annual conference of AMI and International conference on Microbial World: Recent Innovations and Future trends organized by KIIT University, Bhubaneswar, Odisha during

- Invitro studies in Valuable medicinal plant- *Artemisia vulgaris* through shoot tip explants. In National Conference on Advances in Life Sciences: Present and Future organized by Department of Botany and Zoology, Vidyabharati Mahavidyalaya Amravati during

- Phytochemical investigations on *Cissus quadrangularis* in National conference on Advancement in Herbal and traditional medicine organized by Government Pharmacy College, Amravati during

- Assessment of Morphodiversity in the species of *Plumbago L.* collected from India” in First international and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organised by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

- Study of Cytomorphological diversity in *Asparagus racemosus var. javanica (Kunth) Baker.* And *Asparagus plumosus Baker* in First International and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organised by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

- Comparative evaluation of protein extraction methods from cultivars of *Phaseolus vulgaris* in First international and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organised by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

•Rapid In vitro Callogenesis of *Radermachera xylocarpa* K. SCHUM – A rare medicinal Plant in First international and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organised by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

•Assessment of relationship among species and accession of *Plumbago* L. Using morphological data in 24th annual conference of IAAT and international conference on trends in plant systematics organized by Department of plant sciences, Bartidasan University, Tiruchirapalli, Tamil Nadu

•Hairy root induction in *Artimesia absinthium* L and *Artimesia pallens* Wall. Using agrobacterium strains R1601, A4 and LBA 9402 in Third global sustainable biotech congress organized by North Maharashtra University, Jalgaon, India in collaboration with global biotech forum Nagpur and CETYS University, Mexico during

•Qualitative and quantitative analysis of some medicinal plants in National seminar on Modern Tools and Techniques in Plant Sciences organized by Department of Botany, Shri Mathuradas Mohata College of Science, Nagpur.

Assessment of Morphodiversity in the species of *Plumbago* L. collected from India” was presented in First International and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organized by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

Micropropagation of an rare medicinal plant *Ceropegia bulbosa* Roxb.” was presented in First International and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organized by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

Study of Cytomorphological diversity in *Asparagus racemosus* var, *javanica* (Kunth) Baker. And *Asparagus plumosus* Baker.” was presented in First International and Third National Conference on Biotechnology, Bioinformatics and Bioengineering organized by Society of Biotechnologist India during 28th to 29th June, 2013 at Hotel Udayee International, Tirupati, Andhra Pradesh.

Comparative evaluation of protein extraction methods from cultivars of *Phaseolus vulgaris*” was presented in National Conference on “Current Advances in Biotechnology” organized by P.G. Department of Biotechnology, Sant Gadge Baba Amravati University Amravati held during 25th to 26th November, 2013.

Rapid In vitro Callogenesis of *Radermachera xylocarpa* K. SCHUM – A rare medicinal Plant” was presented in XXIII conference of Indian Association of Angiosperm Taxonomy and National Seminar on “Recent Advances in Plant Taxonomy Research” organized by P.G. Department of Botany, R.S.T.M. Nagpur University, Nagpur during 27th to 29th December 2013.

Biochemical analysis of honey samples from various plants in national conference on New Dimensions in chemistry and Chemical education on 5th to 7th Dec. 2019 organised by Department of chemistry, SGB Amravati University and Chemistry teachers Association.

Investigations on morphological variations and mitotic index in *Lilium L.* in national conference on Emerging trends in science organized by vidyabharati mahavidyalay Amravati and SSSKR innani mahavidyalay karanja Lad during 1-2nd Feb 2019.

15. Participated in workshops:

- National workshop on Modern Techniques in Modern Biology at PGTD Biotechnology, Amravati University Amravati from 26th to 30th Dec., 2001
- National Workshop on Municipal Waste management at PGTD Microbiology, Amravati University Amravati from 25th to 26th July 2003
- Basic Training Programme in DNA Recombinant Technology and PCR at GENEI Bangalore Pvt. Ltd. From 17th to 20th Feb., 2004
- Workshop in Techniques in Molecular Biology at PGTD Zoology Amravati University Amravati from 1st to 2nd Aug., 2004
- Workshop on Bioinformatics at Growlinks Center for Bioinformatics, Nagpur from 27.09.04 to 06.10.04.
- One day workshop in techniques in Botany at Department. Of Botany, Sant Gadge Baba Amravati University, Amravati on 12.09.2004
- National Workshop on Capacity Building for Women Managers in Higher Education organized by S.G.B. Amravati University, Amravati (UGC Sponsored) from 04.02.08 to 08.02.08
- National Workshop on Capacity Building for Women Managers in Higher Education organized by Women Studies Center and Center for Community Development, Shivaji University, Kolhapur (UGC Sponsored) from 04.02.08 to 08.02.08
- National Workshop on Human Rights for University Teachers organized by TISS, Mumbai (UGC Sponsored) from 04.02.08 to 08.02.08
- Train the trainers workshop on soft skills, LMS and E content for faculty participants during 2-7th Jan. 2017
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15. Research Projects : 2 completed

a Research Project Sanctioned by UGC New Delhi on Phytochemical studies during growth and Development of some medicinal Plants in Melghat

b. Research Project Sanctioned by UGC New Delhi on Studies on specific environmental features of Melghat , District Amravati.

c. Karyotype Analysis of some medicinal plants of Melghat forest. Under TRDEA Rs. 15,000/-

16. Development of E content for M.Sc. students and Refresher courses conducted online on MOOCs by HRDC , S.G.B. Amravati University.

17. Refresher and Orientation Of ASC-UGC:

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
Orientation	ASC- Sant Gadge Baba Amravti University Amravati	2 ND TO 25 TH June 2001	UGC
Refresher Course in Life Science	ASC- Osmania University Hyderabad	01.11.08 to 22.11.08	UGC
Refresher Course in Life Science	ASC, SGBAU, Amravati	03/03/10 to 20/03/10	UGC

18. Membership of Professional Bodies:

- a. Indian Botanical Society
- b. Association of Indian Science Congress
- c. IAAT
- d. Indian Women Scientist Association
- e. Botany Teachers Association
- f. Nagpur University Teachers Association

19 A. Worked on various Academic committee under various capacities.

- a. Member, Board of Research
- b. Member, Board of Studies in Botany
- c. Member, BOS in Botany at J.B. Science College wardha
- d. Member, Internal Quality Assurance Cell
- e. Member, NRC,HRDC, SGB Amravati University
- f. Convener : Indian Women Scientist Association Amravati Branch
- g. Member, Subject Examination Committee
- h. Member, Adhoc Bioinformatics Board
- i. Member , LEC
- j. Member, Entrance examination of PAT and Biotech entrance
- k. Member syllabus for P.G. Diploma in Bioinformatics and Soil Water Analysis.
- l. V,C Nominees on various academic committees
- m. Member, Academic Coordination Committee of NRCfor Refresher Programmes

B.. Administrative committees

- i.** Member, Central Admission Committee
- ii.** Co-ordinator : Women facilities Center
- iii.** Co-ordinator : Equal opportunities Cell
- iv.** Coordinator, Indian Women Science Association, Amravati Chapter
- v.** Member, Programme Committee for Silver Jubilee Celebration
- vi.** Member, Scholarship for Minorities
- vii.** Member, Grievance Committee
- viii.** Member, Advisor Committee for Day Care Center (Aug 2009)
- ix.** Member, Furniture committee
- x.** Member, NSD, Avishkar,

20. Mentoring M.Sc. students:

- i.** Regular Counseling to students as per their requirements.
- ii.** Students are guided from examination point of view, various competitive exams , Seminar Scripts presentation.
- iii.** Undertaken Interdepartmental activities: Inter Departmental seminar competitions are organized under the Botanical Society and winners are given trophies.
- iv.** Students are encouraged to speak in English and to express themselves in correct way which help them to develop expression power, overcome the complex and develop confidence.

21. Organization of Seminars//Conferences/Workshop as a member/ convener of Organizing Committee:

- i.** International Conference on :Modern Trends in Plant science with special reference to the Role of Biodiversity in Conservation” During 17th to 20th Feb., 2005.
- ii.** International Symposium and XXII Annual Conference of IAAT on “Innovative Prospects in Angiosperm Taxonomy” Organized by department of Botany, S.G.B. Amravati University Amravati in collaboration with IAAT during
- iii.** National conference on “Mycodiversity with its sustainable exploration and applications and 38th Annual meeting of Mycological Society” during 6-7 February, 2012 organized by Department of Botany, Shri Shivaji Science College, Amravati.
- iv.** Organised Inter University Activities: Worked as organizing committee member for conducting South Zone Basket Ball W. Tournament 2008
- iv.** XX National conference of Aerobiology on Airborne pollen and spores, Assessment, impact and scope during 29-30th Jan. 2018 in collaboration with indian Aerobiological society.
- v.** Silver Jubilee National Conference on Plant Diversity: past and Present during 30-31 Dec. 2016.

- vi. One day seminar on Disability and Barrier Free Environment on 16th Jan 2020 for faculty, Coordinators EOC and PWD students.
- vii. Organised one day webinar on I access

22.. Extension activities

- Potato Transfer Technology for the upliftment of Tribal People of Melghat Forest, Dist.Amravati
- As Coordinator of Indian Women Scientist Association Organized various programmes for the scientific awareness among the underprivileged group of females in the society. Regular Breast Cancer cheque up camps for the women and Hemoglobin cheque up camps For the hostel Girl students is conducted with Rathi Foundation and Medicos.
- One outreach programme for villagers and school children was organized to Durgawada, Sangvi during 10th and 11th Feb., 2007 and they were made aware about the cultivation, conservation and use of some significant medicinal Plants of the region .

Dr.Mrs. V.N.Nathar
Professor
P.G.T.D. Botany