

CURRICULUM VITAE (CV)



Dr. Mahajan Dnyaneshwar Maruti
Associate Professor

1. Personal details

Full name (in Devnagari script)	:	महाजन ज्ञानेश्वर मारुती
Father Name (full)	:	Mahajan Maruti Gangadhar
Date of Birth and Place	:	02/06/1966, Dhamori, Tal. Korpargaon, Dist. A'nagar
Gender	:	Male
Religion	:	Hindu
Domicile	:	Maharashtra
Nationality	:	Indian
Marital status	:	Married
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2. Educational Qualification

Examination	Board / University	Month & Year of passing	Percentage of marks	Division/ Class / Grade	Subject(s)
High School (S.S.C.)	Pune	March, 1984	54.28	Second	Maths, Sci., Soc.-Sci., Eng, Mar, Hindi-Sanskrit
Intermediate (H.S.C.)	Pune	March, 1987	41.66	Pass	Phy, Chem, Bio, Geog, Eng, Mar.
Undergraduate B.Sc.	Pune	June, 1990	75.83	First with Distinction	Botany
Postgraduate M.Sc.	Pune	June, 1992	60.50	First	Botany
MS-CIT	MSBTE	March, 2012	91.00	First with Distinction	Information Technology
Any Other	--	--	--	--	--

3. Qualifications related to Research

Degree	Name of University	Title of Research Topic	Name of Research Guide	Date of Award
M.Phil.	--	--	--	--
Ph.D.	Savitribai Phule Pune University	Forest Ecology of Akkalkuwa Tahsil using remote sensing and ecological methods	Prof. Venkat R. Gunale Prof. Vishwas S. Kale	29 th June 2002

4. Job Profile

Sr. No.	Designation	Name of Employer	Period		Pay Scale	Grade Pay	Reason for Leaving
			From	To			
1.	Asst. Prof.	PDEA, Pune-38	01/07/2015	This date	37400 – 67000	9000	Transfer
2.	Asst. Prof.	PDEA, Pune-38	27/12/2008	30/06/2015	15600 – 39100	8000	Transfer
3.	Asst. Prof.	PDEA, Pune-38	16/06/2008	26/12/2008	15600 – 39100	7000	Transfer
4.	Sr. Lecturer	PDEA, Pune-38	16/04/2008	15/06/2008	15600 – 39100	7000	Transfer
5.	Lecturer	PDEA, Pune-38	01/08/1997	15/04/2008	8000-275-13500	--	Transfer
6.	Lecturer	PDEA, Pune-38	01/12/1995	31/07/1997	2200-75-2800-100-4000	--	Transfer
7.	Res. Asst.	University of Pune	28/08/1992	31/03/1995	2000	--	Project Complete

5. Teaching and Research Experience

Sr. No.	Type	Level	Period		Total Experience (mm/yy)
			From	To	
1.	Teaching	Undergraduate	01/12/1995	This date	25 years
2.	Teaching	Postgraduate	01/07/2004	This date	16 years
3.	Research	Post PG	01/08/1992	This date	28 years

6. Approval and Recognition

Sr. No.	Approval/Recognition	Subject	Name of University	Period		Temporary/Permanent	Letter No.	Date of Approval
				From	To			
1.	Teacher Approval	Botany	SPPU	01/12/1995	This date	Permanent	CCO/282	22/01/2003
2.	Principal Approval	--	--	--	--	--	--	--
3.	PG Recognition	Botany	SPPU	30/06/2003	29/06/2008	Temporary	BUTR/4189	01/08/2003
		Env. Sci	SPPU	30/06/2003	29/06/2008	Temporary	BUTR/4279	05/08/2003
4.	M.Phil. and/or Ph.D. Guide Recognition	Env.Sci	SPPU	29/08/2005	28/08/2013	Temporary	BUTR/Science /7739	16/09/2005
		Env.Sci.	SPPU	29/08/2013	28/08/2021	Temporary	BUTR/Science /14/110	22/01/2014
		Botany	SPPU	07/07/2008	06/07/2016	Temporary	BUTR/Sci./2219-99	29/08/2008
		Botany	SPPU	07/07/2016	06/07/2024	Temporary	BOD/Sci & Tech./10/356	12/04/2018
5.	Other Recognition(s)							

7. Participation in Academic Committee

Sr. No.	Name of Academic Committee	Year	Designation	Work done
1.	Study tours and Excursion	2019-20	Chairman	Awareness was made among the faculty members regarding the rules and regulations and safety of students during the study tours.
2.	Campus enrichment, House Management and Maintenance		Member	Inputs regarding the campus development are given regularly during the meetings
3.	Science faculty association		Member	Arranged various competitions for students, inculcated scientific temperament among the students
4.	Career Guidance and Competitive Examination Cell		Member	Arranged lecture for students. A career guidance is started in the college.
5.	Environmental Awareness		Member	Suggestions given to the coordinator regarding the teaching and examination of this course
6.	DBT		Member	Arranged guest lecture, projects for students
7.	NCC		Member	Participated in regular activities of NCC students
8.	Training and placement cell		Member	Students are made aware of the placement in various fields.
1.	Study tours and Excursion	2018-19	Coordinator	The faculty members were made aware of the planning of study tours, care to be taken, and rules of PDEA, SPPU, UGC, and GoM.
2.	Campus enrichment, House Management and Maintenance		Member	Inputs given for strengthening the infrastructure.
3.	DBT-STAR Activity		Member	Arranged guest lecture, hands-on-training for students
4.	NCC		Member	Participated in regular activities of NCC students
5.	Research		Member	Arranged the course-work for admitted students
6.	NAAC Steering Committee		Member	Successfully completed Criterion-III
1.	Examination	2017-18	Member	Worked as coordinator for internal examination for B.Sc.
2.	Research		Member	The no. of guides increased and admitted 9 students for Ph.D.
3.	DBT-STAR Activity		Member	Arranged guest lecture, competitions, hands-on-training for students
4.	NAAC Steering committee		Member	Successfully collected all the data required for Criterion-III
5.	Campus Development		Coordinator	Suggestion were made for overall development of college campus. A letter sent to PDEA regarding same. Green audit was completed.
6.	NCC		Member	Participated in regular activities of NCC students
1.	Admission committee and discipline	2016-17	Member	Helped in admission process
2.	College campus development		Coordinator	Biomass carbon pool of college campus was estimated. Tree plantation was done.

Sr. No.	Name of Academic Committee	Year	Designation	Work done
3.	College magazine committee		Member	Help rendered for collection of articles, annual departmental reports.
4.	Quality Improvement and Development (BCUD)		Member	Encouraged the colleagues to write proposals for research projects, seminars, conferences, etc. Provided inputs for strengthening basic infrastructure and meet basic needs like teaching aids and sports facilities
5.	IQAC Criteria-III		Coordinator	Successfully collected all the data required for Criterion-III
6.	Student Welfare		Member	Various schemes for students welfare were discussed
7.	Research Center		Member	Started research center in Env. Sci., Helped to increase the no. of guides for strengthened the research center.

8. Participation in Academic Bodies/Committee at SPPU, Government Level

Sr. No.	Name of Academic Committee	Designation	Purpose
1.	Board of Studies in Botany, SPPU, Pune	Member	As mentioned in Maharashtra Public Universities Act, 2016
2.	Faculty of Science and Technology, SPPU, Pune	Member	
3.	Local Inquiry Committee (SPPU, Pune) for Arts, Science and Commerce College, Indapur, Dist. Pune on January 24 th , 2020.	Member	Inspection and recommendation for recognized research center as per the guideline of Maharashtra Public Universities Act, 2016
4.	Research Centre Recognition Committee for BAIF Development Research Foundation, Central Research Station (CRS), Uruli-Kanchan, Pune-412 202 (08 th March 2018).	Member	
5.	'Environmental planning including air quality management' Slum Rehabilitation Authority, Pune and Pimpri-Chinchwad Region, Government of Maharashtra (2017-18).	Subject Expert	Evaluation of the project proposal and recommendation
6.	Initiative for Research & Innovation in Science IRIS-National Fair 2016, DST-Intel & Indo-US Science & Technology Forum	Subject Expert	Judging IRIS National Fair
7.	Local Inquiry Committee (SPPU, Pune) for Arts, Science and Commerce College, Indapur, Dist. Pune on October 03 rd , 2015.	Member	Inspection and recommendation for recognized research center as per the guideline of Maharashtra Public Universities Act, 2016
8.	Local Inquiry Committee (Savitribai Phule Pune University, Pune) for Fergusson College, Pune on September 30 th , 2015.	Member	
9.	VC nominee for Selection of Teacher Fellow at Anantrao Thopte College, Bhore, Dist. Pune on August 24 th , 2015.	Member	To assess and recommend the teacher for Teacher Fellowship
10.	JRF to SRF up-gradation at Department of Environmental Science, Savitribai Phule Pune University, Pune on July 04 th , 2015.	Member	To assess and recommend the students for SRF
11.	Local Inquiry Committee (University of Pune) for New Arts, Commerce and Science College, Ahmednagar.	Member	Inspection and recommendation for recognized research center as per the guideline of Maharashtra Public Universities Act, 2016

Sr. No.	Name of Academic Committee	Designation	Purpose
12.	SPPU Research Centre Recognition Committee for Vasantdada Sugar Institute, Manjri, Pune-28.	Member	Inspection and recommendation for recognized research center as per the guideline of Maharashtra Public Universities Act, 2016
13.	SPPU Research Centre Recognition Committee for PVP College, Pravaranagar (20/10/2012).	Member	
14.	Permanent affiliation Committee, SPPU	Member	Document verification and recommendation for permanent affiliation
15.	Travel Grant for Young Teacher Professional	Subject Expert	Evaluate the research paper
16.	Subject Expert (Env. Sci.) for Career Advancement Scheme (CAS) workshop under UGC V th pay scale organised by University of Pune, held during 21 st , 22 nd , and 23 rd , Sep. 2012 at Poona College, Pune-411001	Subject Expert	To assess the teachers proposal for CAS, and recommendation
17.	Selection committee for Assistant Professor in various colleges	Member	To conduct interview as a subject expert
18.	Research and Academic Coordinator	Coordinator	To coordinate the research and academic activities
19.	Sub-committee: Board of Studies in Environmental Science (Undergraduate), University of Pune (2006-2010)	Member	Syllabus framing for FY, SY, & TYBSc
20.	Sub-committee: Board of Studies in Environmental Science (Postgraduate), University of Pune (2007-2009)	Member	Syllabus framing for FY, SY, & TYBSc
21.	Sub-committee: Board of Studies in Botany (Postgraduate), University of Pune (2008-09)	Member	Syllabus framing for FY, SY, & TYBSc
22.	Research Committee (Environmental Science, University of Pune) for scrutinizing and sanctioning research project proposals (09-10)	Member	Scrutinizing the research project proposal
23.	Pre-Ph.D. and Pre-Synopsis Committee, Department of Environmental Science, University of Pune.	Member	To evaluate the Pre-Ph.D. proposals and provide suggestion

9. Co-curricular and Extra-Curricular Activities

Sr. No.	Name of Co- and Extra-Curricular Activity	Details of Activity	Date
1.	AVISHKAR-2020 (Ms. Priti Moudgal)	Guided the student for state level research project competition	Jan 2020
2.	Prepared question bank for M.Sc. entrance examination	Multiple Choice Question bank	2016, 2017, 2018, 2019, 2020
3.	SET Examination, Savitribai Phule Pune University	Observer	May 2016, April 2017, June 2019

Sr. No.	Name of Co- and Extra-Curricular Activity	Details of Activity	Date
4.	Summer training and dissertation for postgraduate students	Provided summer training and guidance for M.Sc. dissertation	15 th May 2017 to April, 2018
5.	AVISHKAR-2016 (Ms. Harita Annapantula)	Guided the student for zonal level research project competition	07/12/2016
6.	Botanical excursion was organized. Built skills in critical thinking, listening, memory, hands-on science experiments, projects, etc. Debates on current issues in environment, development and conservation; discussions, seminars, quiz, etc. are arranged.	Helped to enhance student's outdoor activities that will help them to understand the subject properly.	Every year
7.	Implemented the Mentor-Mentee system successfully	Help rendered to students in his/her academic, intellectual, psychological and emotional need. It helped them a lot to overcome learning difficulties, & increased self-confidence. Personal counseling helps students to identify their merits and strengths	Every year
8.	Programme Officer for NSS in college unit for four years (2002-03 to 2005-06).	organized four 10-days 'Special Winter Camps' and one 'Two days special camp' in rural area of Pune District	2002-03 to 2005-06
9.	Approved as an expert at National level by QCI, and NABET, New Delhi.	Provide ecology and biodiversity expertise	2011-12 to 2019-20

10. Membership

Sr. No.	Name of Membership	Name of GO/ NGO/Institute	Period		Letter Reference No.	Date
			From	To		
1.	Life Member	Indian Association for Angiosperm Taxonomy' (IAAT), Calicut	Life Member		NA	Since 12/07/2005
2.	Life Member	Scientific International Journal 'Rheedea', Calicut	Life Member		NA	Since 12/07/2005
3.	Yearly	Conservation Education and Research Institute (CERI), Pune	Yearly		NA	Since 2010
4.	Life Member	Indian Science Congress Association' Kolkata	Life Member		L18923	Since 29/12/2011
5.	Yearly	Bombay Natural History Society, Mumbai	Yearly		9183	Since 09/06/2020

11. Faculty Development Program Attended

Name of the Course/Summer School	Organizing Agency	Sponsoring Agency	Duration		Total Period (days)	Grade obtained
			From	To		
General Orientation course	Academic Staff College, University of Pune	UGC	20/12/2001	17/01/2002	28	'A'
Refresher Course	Academic Staff College, University of Pune	UGC	01/12/2000	28/12/2000	28	'O'
Refresher Course	Academic Staff College, University of Pune	UGC	29/10/2003	18/11/2003	21	'A'
Short Term Course	Department of Statistics, SPPU, Pune	UGC	04/06/2001	10/06/2001	07	--
Faculty Development Program	Dr. Ghali College, Gadhinglaj	IQAC, Dr. Ghali College	01/06/2020	06/06/2020	06	--
Faculty Induction Program	--	--	--	--	--	--
Faculty Development workshop	--	--	--	--	--	--
Any Other	XVIII International Botanical Congress	IAPT, ICMS Australia Pvt. Ltd., CSIRO, Canberra; University of Melbourne, and Royal Botanic Gardens	23/07/2011	30/07/2011	08	--

12. Seminar / Workshop / Symposia / Training Program attended

Sr. No.	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date (s)
1.	Open source tools for E-content development, teaching, learning and evaluation.	Webinar	Millind College of Science, Aurangabad	Millind College of Science, Aurangabad	28 th June 2020
2.	Challenges and opportunities in higher education in India Post-COVID-19	National	People's College, Nanded	SRTM University, Nanded	26 & 27 June 2020
3.	International E-Conference on Emerging Trends and Challenges in Life Sciences" (ETCLS-2020)	International	Indraraj Arts, Commerce and Science College, Sillod, Dist. Aurangabad	Indraraj Arts, Commerce and Science College, Sillod, Dist. Aurangabad	18 & 19 June 2020
4.	Costa Rica: A Biodiversity Hotspot	Webinar	R.D. & S.H. National College and S.W.A. Science College, Bandra (W), Mumbai-50	IQAC, National College, Bandra (W), Pumbai-50	25 May 2020
5.	Online International Training on Bamboo for Rural Livelihood	International	National Institute for Rural Development and Panchayat Raj-North Eastern Regional Centre, Guwahati, in Collaboration with International Bamboo & Rattan Organization, China	NIRDPR-NERC, Guwahati	26/05/2020 to 29/05/2020
6.	ICT Tools in Virtual Teaching	Webinar	Dept. of MBA, Sanjivani College of Engineering, Kopergaon	Dept. of MBA, Sanjivani College of Engineering, Kopergaon	05 th April 2020
7.	Recent trends in plant sciences	State	Department of Botany, B.G. College, Sangvi, Pune-27	BCUD, SPPU	21 & 22 Dec., 2019
8.	Biodiversity: Protection, Preservation and Remediation-2017	State	Department of Zoology, B.G. College, Sangvi, Pune-27	BCUD, SPPU	22 Dec. 2017
9.	Role of E-Learning in higher education.	State	Department of Physics, B.G. College, Pune-27	BCUD, SPPU	29&30 Sep. 2016
10.	Recent trends in plant sciences	State	Department of Botany, B.G. College, Pune-27	BCUD, SPPU	09/01/2015

Sr. No.	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date (s)
11.	Biodiversity Assessment, Conservation and Utilization	National	Abasaheb Garware College, Pune	SPPU, BAIF	9 th to 11 th Feb, 2012
12.	XVIII International Botanical Congress held at Melbourne (Australia)	International	ICMS, Australasia Pvt. Ltd.	IBC	23-30 July 2011
13.	Plant Biodiversity for Sustainable Development	National	Department of Botany, University of Pune, Pune (India)	BCUD, SPPU	10 th to 12 th March 2011
14.	The Effect of Science on Globalization	International	The Union of Iranian Students Islamic Association	UISIA & UoP	07 th & 08 th Feb. 2011
15.	Climate Change and Biodiversity	National	New Arts, Commerce and Science College, Parner, Dist- Ahmednagar (India)	BCUD, SPPU	11 th and 12 th January 2011
16.	Action and Research followed by innovative products/service	State	Baha'I Academy, Panchgani	BCUD, SPPU	15 th to 18 th April 2010
17.	Biology Beyond Borders	International	University of Pune	SPPU	March 4 th and 5 th , 2010.
18.	Biodiversity in Ahmednagar District.	State	New Arts, Commerce and Science College, Shevgaon, Dist. Ahmednagar	BCUD, SPPU	12 th January 2010
19.	Recent Trends in Life Sciences.	National	A.M. College and M.P Institute, Hadapsar, Pune-28	BCUD, SPPU	18 th and 19 th December, 2009.
20.	Climate Change and Challenges in Biodiversity Conservation.	National	Fergusson College, Pune-411 004	BCUD, SPPU	11-12 th December, 2009
21.	Ecosystem Management: Experience sharing by the case study countries of the Live Diverse Project.	International	University of Pune	SPPU	December 8 th , 2009
22.	Biodiversity around us.	University	Department of Environmental Sciences and Conservation Education and Research Institute, Pune	Department of Environmental Sciences, University of Pune	30 th June 2009
23.	Academic and Research Coordinators – 2009-10	University	BCUD, UoP	BCUD, UoP	30 th June 2009.

Sr. No.	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date (s)
24.	Discussion on revised S.Y.B.Sc. (Environmental Science) syllabus.	University	Abeda Inamdar Senior College for Girls, Camp, Pune-1	BCUD, UoP	31 st March, 2009
25.	Environmental Economics.	University	VSI, Pune and KTHM College, Nashi	BCUD, UoP	16 and 17 th February 2009
26.	Recent trends and strategic development in biosciences	National	Department of Microbiology, Waghire College, Saswad, Dist. Pune	BCUD, UoP	29 th to 31 st December, 2008
27.	'INNOVATION-2008' a Regional Conference for Pune University College Teachers	Regional	Vidya Pratisthan's Arts, Commerce and Science College and School of Biotechnology, Baramati, Dist. Pune	BCUD, UoP	12 th and 13 th November 2008.
28.	Multidisciplinary approaches and Angiosperm Systematics.	International	Kalyani University, Kalyani, West Bengal.	IAAT	October 11-13, 2008
29.	Environmental Awareness.	State	Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Dist. Pune,	BCUD, UoP	12 th and 13 th January 2007.
30.	Present trends and future prospects of Angiosperm Taxonomy.	International	Botany Group, Division of Plant Sciences, ARI, Pune.	IAAT	October 04-06, 2006
31.	Education in Universal Human Values.	Regional	Bahai's Academy, Panchgani, Dist. Satara	NSS, UoP	11 th to 14 th April 2006
32.	Discussion on T.Y.B.Sc. theory and practical syllabus (2004) in Botany	University	Department of Botany, S.P. College, Pune-30	BCUD, UoP	8 th & 9 th January 2005
33.	Decentralized Wastewater Management System & Community Sanitation.	International	PMC, PCMC, Association of Friends of Germany, International Office Agenda 21, UoP, MCCIA, YASHDA	Commission of European Union, Federal Republic of Germany, Free Hanseatic City of Bremen	25 th & 26 th Nov 2003.
34.	Assessment, Utilization and Conservation of Biodiversity.	National	Department of Botany and University of Pune	UGC	March 27-29, 2003.

Sr. No.	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date (s)
35.	Sustainable Development for Action at Local Level: Interlinking Cities and Stakeholders.	International	Towns and Development, Urban Management Programme, South Asia (UN-Habitat), Bremen City State, International Office of Agenda 21 (IOA 21), Association of Friends of Germany, Pune, All India Institute of Local Self Government Mumbai, & University of Pune	MCCIA, CII and Pimpri-Chinchwad Municipal Corporation, Pune, India.	14 th to 16 th March 2003
36.	Patent Awareness Programme	National	Science and Technology Park, Pune University	Patent Facilitating Center, Technology Information Forecasting and Assessment Council (PFC-TIFAC), DST, GoI	Jan 20 th , 2003
37.	Hindi Sahitya Sangam	International	Arts, Commerce, and Science College, Akurdi, Pune-44	Maharashtra State Hindi Sahitya Academy	06 th & 07 th January, 2003
38.	Role of Academia in Sustainable Development	International	University of Pune, India	UN-HABITAT Urban Management Program-South Asia, Towns and Development, Bremen City State, International Office of Agenda 21 (IOA 21)	13 th December 2002
39.	Setting up of Herbal Garden/Drug Farm for Cultivation and study of Medicinal Plants.	National	Department of Botany, A.V.E.S. Degloor College, Degloor, Dist. Nanded	UGC, Western Regional Center, Pune.	11 th and 12 th October 2002
40.	Awareness and Teaching of new Topics in F.Y.B.Sc. Botany Syllabus.	University	Department of Botany, Baburaoji Gholap College, Sangvi, Pune-27	BCUD, UoP	01 st Oct. 2002
41.	Maharashtra State Biodiversity Strategy and Action Plan	National	YASHADA, Pune-07	NBSAP	19 th to 22 nd July, 2002
42.	The Process of Assessment & Accreditation of Colleges by NACC.	University	A.M. College, Hadapsar, Pune	A.M. College, Hadapsar, Pune	May 05 th , 2002

Sr. No.	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date (s)
43.	Ethno-botany and Sacred Groves: Role in Conservation Strategy of India.	National	Botany Group, Division of Plant Sciences, MACS – ARI, Pune	ARI, Pune	17 th – 19 th April 2002
44.	Orientation Workshop on 'The addition of basic and applied aspects in the proposed F.Y.B.Sc. Syllabus.	University	Department of Botany, Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole (Ahmednagar),	University of Pune	26 th Feb 2002.
45.	Three months course on Yoga.	State	Shri Ambika Yoga Research Institute, Pune	Shri Ambika Yoga Research Institute, Pune	03/12/2001 to 03/03/2002
46.	Western Ghat Biodiversity Network Workshop on Statistics and Remote Sensing.	National	Department of Statistics, University of Pune.	UGC, UoP	June 04 th to 10 th 2001
47.	Awareness of Environmental Pollution.	National	Annasaheb Magar Mahavidyalaya, Hadapsar, Pune	Ministry of Environment and Forests (Govt. of India), BAIF, Pune	16 th Feb. 2000
48.	First Conservation Assessment and Management Plan (CAMP) exercise on 'Assessment of Threatened Medicinal Plants of Maharashtra'.	Regional	Naoroji Godrej Centre for Plant Research, Shirval and Department of Botany, University of Pune	NGCPR	24 th and 25 th Sep. 1998.
49.	Workshop for Botany teachers, on "Revised S.Y.B.Sc. Syllabus.	University	Baburaoji Gholap College, Sangvi, Pune-27	UoP	16 th and 17 th of August 1997
50.	'Awareness of Medicinal Plants' under 'National Environmental Awareness Campaign'	National	Department of Environmental Science, University of Pune	BAIF	01 st and 02 nd May 1997
51.	Seminar cum training course on 'Awareness of Medicinal Plants'.	State	Abeda Inamdar Senior College for Girls, Pune	Ministry of Environment and Forests and BAIF	28 th Feb. 1997

Sr. No.	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date (s)
52.	Career Opportunities for Botanists.	University	Department of Botany, University of Pune	UoP	04 th Feb. 1996

13. Paper presented in Research Convention

Sr. No.	Title of Research Paper	Authors	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date(s)
1.	Exotic tree species carbon accumulation potential at residential zone in an urban area at Pimpri-Chinchwad	D.M. Mahajan, Choudhari N.R., V.R. Gunale and M.G. Chaskar	Environmental systems and sustainable development	International	C.T. Bora College, Shirur, Dist. Pune	BCUD, SPPU	January 15 th and 16 th , 2016.
2	Effects of Changed Urban Land Use Pattern and Loss of Wetlands	Mahajan D.M., Shital S. Kadam, and V.R. Gunale	Sustainable Energy Development and Environment Systems'	National	H.V. Desai College, Pune – 411 002	BCUD, SPPU	10 th and 11 th January, 2014
3	Assessing exotic and invasive plant species of Pune urban area (India)	Mahajan D.M., Patil A.B. and Waman M.B.	XVIII International Botanical Congress	International	IBC	Royal botanical gardens, & University of Melbourne	23 to 30 July 2011
4	Impact of developmental changes on the sacred groves in Mulshi Tehsil'	D.M. Mahajan, Mehmooda Mir, R.G. Jaybhaye, and Ruby Ardeshir	Climate Change and Biodiversity'	National	New Arts, Commerce and Science College, Parner, District – Ahmednagar	BCUD, SPPU	11 & 12 January, 2011
5	Plant ecology of Pashan wetland (Pune, India) – a developing recreational site	Shital S. Kadam, D.M. Mahajan, T.D. Nikam and V.R. Gunale	Biology Beyond Borders'	International	University of Pune and International Society of Integrative Biology	UoP, & ISIB, Singapur	March 4 th and 5 th , 2010
6	Assessing impacts of habitat modification on	D.M. Mahajan, Pokharkar Shital	Multidisciplinary approaches and	International	Kalyani University, Kalyani (West Bengal)	IAAT, Calicut	October 11-13, 2008

Sr. No.	Title of Research Paper	Authors	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date(s)
	the plant diversity of an urban wetland	B., and T.D. Nikam	Angiosperm Systematics'				
7	A study on wetland floral biodiversity of Pawana river	Mahajan D.M., R.S. Gavali and V.R. Gunale	INNOVATION-2008'	Regional	Vidya Pratisthan's Arts, Commerce and Science College and School of Biotechnology, Baramati, Dist. Pune	BCUD, UoP	12 th and 13 th November 2008
8	Medicinal plants of south-western Satpuda: An ethno-botanical aspect.	D.M. Mahajan	Ethnobotany and Sacred Groves: Role in Conservation Strategy of India	National	Botany Group, Division of Plant Science, ARI, Pune	Agharkar Research Institute, Pune	17 th to 19 th April, 2002

14. Invited Lectures / Resource Person

Sr. No.	Title of Lecture / Talk	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date
1.	Chairperson	Emerging Trends in Life Sciences	National	Waghire College, Saswad, Tal. Purandar, Dist. Pune-412301	BoD, SPPU	07/02/2020
2.	Biomass carbon sequestration	Frontiers in basic and Applied Sciences	State	Amruteshwar Arts, Commerce and Science College, Vinzar, Tal. Velhe, Dist. Pune	BoD, SPPU	21/12/2019
3.	Biodiversity Survey	Biodiversity conservation and Identification of Medicinal Plants in Wildlife Sanctuary	State	Dr. D.Y. Patil Arts, Commerce and Science College, Akurdi, Pune-44	BoD, SPPU	03&04 Feb 2018
4.	Biodiversity documentation	NSS Special Winter Camp	University	B.G. College, Pune-27	NSS, SPPU	04/12/2017

Sr. No.	Title of Lecture / Talk	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date
5.	Chairperson	Innovative trends in Chemical, Physical and Bioscience	International	Annasaheb Magar College, Hadapsar, Pune-411028	BCUD, SPPU	09&10 Feb 2016
6.	Biomass carbon	Refresher Course in 'Environmental Science' for college teachers	National	Academic Staff College, University	UGC	17/10/2015
7.	Ecology Field work	Refresher Course in 'Environmental Science' for college teachers	National	Academic Staff College, University of Pune	UGC	14/10/2015
8.	Chairperson	Emerging trends in physical, chemical, and life sciences	National	Waghire College, Saswad, Dist. Pune	UGC	16 th to 18 th Feb. 2015
9.	Chairperson	Recent trends in plant sciences'	State	Department of Botany, B.G. College, Sangvi, Pune 411027	BCUD, UoP	09/01/2015
10.	Tree Census	Deforestation - A manmade disaster	Regional	Student Welfare Board, SPPU, and Prof. Ramkrishna More College, Akurdi, Pune-44	Student Welfare Board, SPPU	2012-13
11.	Biodiversity Survey	Refresher Course in 'Environmental Science' for college teachers	National	Academic Staff College, University of Pune	UGC	21/03/2012
12.	Plant biodiversity	Climate Change and Biodiversity'	National	New Arts, Commerce and Science College, Parner, Dist- Ahmednagar	BCUD, UoP	11&12 Jan 2011
13.	Field data collection	Refresher Training on Biostatistics for ISS officers	National	Modern College of Arts, Science and Commerce, Shivajinagar, Pune and University of Pune	National Academy for Statistical Administration (NASA),	23/09/2010

Sr. No.	Title of Lecture / Talk	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date
					Government of India	
14.	Methods for quantification of biomass carbon sequestration	Teachers Training Workshop on 'Modern Techniques in Biology'	National	Department of Botany, Zoology and Biotechnology, University of Pune	University of Pune	23 to 25 Feb, 2010
15.	Local Plant Diversity	Biodiversity in Ahmednagar District'	State	New Arts, Commerce and Science College, Shevgaon, Dist. Ahmednagar	BCUD, UoP	12/01/2010
16.	Assess the project work & presentation of participants	Refresher course in Environmental Science	National	Department of Environmental Science, University of Pune	UGC	24/12/2009
17.	Sustainable use of plant resources	Refresher course in Environmental Science	National	Department of Environmental Science, University of Pune	UGC	18/12/2009
18.	Biodiversity Around Us	Biodiversity Around Us	District	Department of Environmental Sciences, University of Pune, and Conservation Education and Research Institute	Conservation Education and Research Institute	30/06/2009
19.	Environmental Impact Assessment	Environmental Awareness	State	Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Dist. Pune,	BCUD, UoP	12&13 Jan 2007
20.	Botanical Excursion	One month Vacation Training Programme on Bio-resources for School Children	State	Department of Environmental Sciences, University of Pune	Department of Biotechnology, GoI, New Delhi	04 th May to 02 nd June 2006

Sr. No.	Title of Lecture / Talk	Name of Seminar / Workshop/ Conference/ Symposia	District / State / National / International	Organized by	Sponsored by	Date
21.	Botanical Excursion	One month Vacation Training Programme on Bio-resources for School Children	State	Department of Environmental Sciences, University of Pune	Department of Biotechnology, GoI, New Delhi	09 th May to 04 th June 2005
22.	Local plant diversity	One month Vacation Training Programme on Bio-resources for School Children	State	Department of Environmental Sciences, University of Pune	Department of Biotechnology, GoI, New Delhi	17 th May to 12 th June 2004

15. Seminar / Workshop / Symposia / Training Program organized					
Sr. No.	Title of Program	State / National / International	Sponsored by	Program Designation *	Date
1.	Advances in Botanical Science	State	BoD, SPPU	Organizing committee member	20 & 21 Dec. 2019
2.	Climate Change and Ecology	State	BCUD, SPPU	Coordinator	14 & 15 December, 2016
3.	FESEM-2016	International	BCUD, SPPU	Organizing committee member	11 & 12 March, 2016
4.	International Hindi Sahitya Sangam	International	Maharashtra State Hindi Sahitya Academy	Organizing committee member	06 & 07 January, 2003

*Convener / Chairman / Organizing Secretary / Coordinator

16. Research Area/ Expertise		
Sr. No.	Domain	Details of Research Expertise
1.	Plant Ecology	Terrestrial ecology, forest ecology, Wetland ecology, Phyto-sociology
2.	Floristic Studies	Floristic surveys
3.	Biomass Carbon sequestration	Above ground, belowground, litter, deadwood, soil organic carbon
4.	Phytoremediation of soils and water	Polluted soils and water

17. Research Publication**A. Chapter in Books**

Sr. No.	Title of Chapter	Title of Book	Authors	Editor and Publisher	Year and page number	ISBN No.	Text / Reference Book	National / International	approved by the University and posted on its website
1.	Natural Resources: Plants	A Village Baseline Study of Dongargaon (Tal. Mulshi, Dist. Pune)	D.M. Mahajan & R.B. Bhagat	Nitin Ghorpade, Latesh Nikam, & D.M. Mahajan. Success Publ. Pune	2020: 18-27	978-93-89739-67-1	Reference	Regional	NA
2.	Internal organization of primary plant body	Plant Morphology and Anatomy and Principles of Plant Sciences	B.A. patil, A.M. Bhosale, D.M. Mahajan, D.D. Ahire, M.T. Patil & Y.R. Gahile	Prashant Publ., Jalgaon	2019: 78-90	978-93-88769-77-8	A Textbook for FYBSc (Savitribai Phule Pune University).	Regional	NA
3.	Angiosperms Diversity	Plant Diversity: Part-II	B.A. Patil, D.M. Mahajan, P.P. Ahire, & J.C. Kale	Sunny Publication, Ahmednagar	2009: 81-117	NA	A Textbook for FYBSc (Pune University).	Regional	NA
4.	Introduction to plant diversity	Plant Diversity: Part-I	B.A. Patil, B.P. Shinde, V.S. Nair, S.J. Chavan, D.M. Mahajan	Sunny Publication, Ahmednagar	2008: 02-22	NA	A Textbook for FYBSc (Pune University).	Regional	NA
5.	Field work	Environmental Awareness	B.A. Patil, S.K. Potadar, B.P. Shinde, J.P Sarawade,	Sunny Publication, Ahmednagar	2005: 296-331	NA	A Textbook for BA, B.Com, & B.Sc.(As per	Regional	NA

Sr. No.	Title of Chapter	Title of Book	Authors	Editor and Publisher	Year and page number	ISBN No.	Text / Reference Book	National / International	approved by the University and posted on its website
			S.D. Kulkarni, & D.M. Mahajan				UGC syllabus)		
6.	Ethno-botanical studies of some plants from south-western Satpuda (Maharashtra)	Focus on Sacred Groves and Ethno-botany	Mahajan D.M. and V.R. Gunale	Vinaya Ghate, Hema Sane, & S.S. Ranade Prism Publ., Mumbai	2004: 11-117	81-85405-02-6	Reference	National	NA
7.	Floristic Diversity in Maharashtra	Thematic strategy and action plans for conservation of biodiversity in Maharashtra, The Maharashtra Biodiversity Project, Maharashtra State Biodiversity Strategy and Action Plan 2002	Mahajan D.M., Shindikar Mahesh and V.R. Gunale	Bhushan Bharat, PARIVESH: Center for Environment and Development, Yeshwantrao Chavan Academy of Development Administration (YASHADA), Pune-7	2002: 01-22	NA	Report	National	NA
8.	Floristic Biodiversity Conservation perspectives for the Satpuda eco-region in Maharashtra'	Thematic strategy and action plans for conservation of biodiversity in Maharashtra, The Maharashtra Biodiversity Project, Maharashtra State Biodiversity Strategy and Action Plan 2002	Mahajan D.M. and V.R. Gunale	Bhushan Bharat: PARIVESH: Center for Environment and Development, Yeshwantrao Chavan Academy of Development Administration (YASHADA), Pune	2002: 01-17	NA	Report	National	NA

18. Research Publication**B. Books**

Sr. No.	Title of Book	Authors	Editor and Publisher	Year	Edition	ISBN No.	Text / Reference Book	National / International	approved by the University and posted on its website
1.	Studies on Biomass Production of Urban Parks for Carbon Pool Analysis - GIS Applications, Carbon Pool Estimation and Interpretations.	Vijayalaxmi Shinde & D.M. Mahajan	LAMBERT Academic Publishing, Germany	2015	NA	978-3-659-38549-0; & 3-6593-8549-2	Reference	International	NA
2.	Nature's Wonder at Symbiosis – Flora at University Campus.	D.M. Mahajan, V.R. Gunale, M.R. Shindikar, S.S. Thigale, & Raymond Duraiswami	Symbiosis International University, Pune	2012	First	978-9-3508-7668-8	Reference	International	NA
3.	Ecology and Floristics of Aquatic Macrophytes from Urban Wetlands.	Shital Kadam & D.M. Mahajan	LAMBERT Academic Publishing, Germany	2010		978-3-8433-5568-1; & 3-8433-5568-1	Reference	International	NA

19. Research Publication**C. Conference Proceeding**

Sr. No.	Title of Research Paper	Authors	Title of Proceeding	Vol. & Issue No.	Year & Page no.	ISBN No.	Publisher	National / International	Indexing
1.	Comparative account of carbon pool analysis of urban park	Shinde V.R. & D.M. Mahajan	International Conference on Environmental System and	NA	January 15-16, 2016: 92-100	NA	C.T. Bora College, Shirur	International	NA

Sr. No.	Title of Research Paper	Authors	Title of Proceeding	Vol. & Issue No.	Year & Page no.	ISBN No.	Publisher	National / International	Indexing
	(Empress garden) and an educational institute, Pune.		Sustainable Development						
2.	Effects of Changed Urban Land Use Pattern and Loss of Wetlands	Mahajan D.M., Shital S. Kadam, and V.R. Gunale	Sustainable Energy Development and Environment Systems'	Volume-III, Sustainable Development	10 th and 11 th January, 2014: 33-39	978-93-83414-18-5	H.V. Desai College, Pune – 411 002	National	NA
3.	Assessment of Floristic Diversity in North Lolab Valley, (Kupwara, Kashmir Himalaya) India	Bhat Fayaz, D.M. Mahajan, M.R.G. Sayyed, Asifa Bhat, R.M. Patil	Sustainable Energy Development and Environment Systems'	Volume-II, Environment	10 th and 11 th January, 2014: 31-41	978-93-83414-18-5	H.V. Desai College, Pune – 411 002	National	NA
4.	Macrophytes Diversity in Hokersar Wetland – A Ramsar Site (Kashmir Himalaya)	Anjum Afshan, D.M. Mahajan, and P.G. Saptarshi	Sustainable Energy Development and Environment Systems'	Volume-II, Environment	10 th and 11 th January, 2014: 99-103	978-93-83414-18-5	H.V. Desai College, Pune – 411 002	National	NA
5.	Climate Change and Plant Biodiversity.	Shabani N., D.M. Mahajan and V.R. Gunale	Climate Change and Challenges in Biodiversity Conservation'	NA	11-12 th December, 2009: 42-44	NA	Fergusson College, Pune-411 004	National	NA

D. Journal

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
1.	Analysis of accumulated heavy metal concentrations in in Various Body Parts of Chillapi (<i>Oreochromis mossambicus</i>) Fish from Ujjani Reservoir of Maharashtra, India.	Dnyaneshwar Shinde, Pramod Kamble, D.M. Mahajan, Vikas Devkar, and Sanjay Chakane	Advances in Zoology and Botany	8(2)	2020: 37-44	2331-5083	Horizon Research Publishing	International	UGC	NA	
2.	Exotic versus native plant species role in urban biomass carbon sequestration	Choudhari Nisha R., D.M. Mahajan, V.R. Gunale, M.G. Chaskar	Journal of Emerging Technologies and Innovative Research	6(6)	2019: 206-213	2349-5162	www.jetir.org	International	UGC	4.14	
3.	Multivariate analysis of elements from the microhabitats of selected plateaus in the Western Ghats, Maharashtra, India	Aphale Priti Vinayak, Dhananjay C. Meshram, Dnyaneshwar M. Mahajan, Prasad Anil Kulkarni and Shraddha Prasad Kulkarni	Journal of Threatened Taxa	11(10)	2019: 14334–14348	0974-7907	Zoo Outreach Organization	International	Peer-reviewed	0.44	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
4.	Comparative assessment of trace and major elements from the microhabitats of basalt and lateritic plateaus of Western Ghats, Maharashtra	Aphale Priti, D.C. Meshram, and D.M. Mahajan	International Journal of Allied Practice, Research and Review	6(5)	2019: 01-12	2350-1294	EKHVAABS	International	Peer reviewed	4.147	
5.	Comparative assessment of nutrient status of selected plateaus in Western Ghats, Maharashtra	Aphale Priti, D.C. Meshram, and D.M. Mahajan	International Journal of Allied Practice, Research and Review	6(4)	2019: 09-15	2350-1294	EKHVAABS	International	Peer reviewed	4.147	
6.	Study of soil quality near Dharamtar creek, village Dolavi, District Raigad (Maharashtra), India.	Dharmadhikari Santosh S., Sanjay Chakane, D.M. Mahajan and Pramod Nandusekar	Scholarly Research J. for Interdisciplinary Studies	07	2018: 110-115	2319-4766	https://www.srjis.com/	International	Peer reviewed	NA	
7.	Assessment of Biomass Carbon Pool of an Academic Institution in Pune, Maharashtra.	Mahajan D.M., Shinde Vijayalaxmi R., and Chasker M.G.	Scholarly Research Journal for Interdisciplinary Studies	04	2017: 4868-4877	2319-4766	https://www.srjis.com/	International	Peer reviewed	NA	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
8.	Plant diversity of sacred groves and its comparative account with surrounding denuded hills from Bhor region of Western Ghats.	Hangarge L.M., D.K. Kulkarni, V.B. Gaikwad, D.M. Mahajan and V.R. Gunale	Bioscience Discovery	07(2)	2016: 121-127	2231-024X; 2229-3469	RUT Printers & Publisher, Jalna, India	International	Peer reviewed	0.092	
9.	Soil Organic Carbon (SOC) in selected Sacred Groves from Bhor region of Western Ghats, Maharashtra.	Hangarge, LM; Kulkarni, DK; Gaikwad, VB; Mahajan, DM; and Gunale, VR	Asian Journal of Environmental Science	10 (2)	2015: 166-171	0976-8947	Hind Institute of Science and Technology	International	Peer Reviewed	4.937	
10.	Assessment of anthropogenic activities and exotic flora of Lolab valley, Kashmir, India	Bhat Fayaz, D.M. Mahajan and Asifa Bhat	International Journal of Bioassays	4(11)	2015: 4483-4491	2278-778X	Divyasree Nsl Infrastructure Pvt. Ltd	International	Peer Reviewed	0.548	
11.	Phytosociological measurements and vegetation analysis along an altitudinal gradient of Lolab Valley (Kashmir Himalaya, India)	Bhat Fayaz, D.M. Mahajan, M.R.G. Sayyed, & Asifa Bhat	WCS's National Journal of Interdisciplinary Research,	01(1)	2015: 01-13	2395 1419	Waghire College, Saswad, Dist. Pune, India	National	NA	NA	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
12.	Tree species assessment at Lohgad and Visapur Fort – A part of Western Ghats, Maharashtra (India)	Kulkarni Amol V, Mahajan DM, Ajit Bhore, Kiran Ghotkule, and Sambhaji Waghmare	Indian Forester	141(5)	2015: 549-553	0019-4816	Indian Council of Forestry Research and Education	International	Peer Reviewed	0.666	
13.	Carbon pool analysis of urban parks (Chh. Sambhaji Garden and Chittaranjan Vatika, Pune)	Shinde V.R. and Mahajan D.M.	Journal of Basic Sciences	01(1)	2015: 20-27	2395-1265	Science Knowledge Publication	National	Peer Reviewed	NA	
14.	Ethno-medicinal survey of North Kashmir Himalaya – a case study of Lolab valley (J&K) India	Bhat Fayaz, D.M. Mahajan, M.R.G. Sayyed and Asifa Bhat	Ecology, Environment & Conservation	20 (1):	2014: 59-71	0971–765X	EM International	International	UGC	0.12	
15.	Plant and Insect Species Diversity: A Case Study of Western Satpuda (Maharashtra).	Mahajan D.M. and R.D. Patil	Indian Forester	140 (3)	2014: 312-316	2321-094X	Indian Council of Forestry Research and Education	International	Peer Reviewed	0.666	
16.	Assessment of carbon sequestration potential of an urban managed	Choudhari Nisha R., D.M. Mahajan, V.R. Gunale and M.G. Chaskar	Environment Observer	20	2014: 63-67	2320 5997	Society for Environment Education, Research and Management	National	NA	0.561	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
	garden in the Pimpri-Chinchwad City.										
17.	Bio-Concentration Factor (Bcf) for Heavy Metals Detection and Selection of Hyper-Accumulator Plants - Case Study of Pune-India and Tehran - Iran.	Kulkarni D.K., Azam Sadat Delbari, and D.M. Mahajan	Indian Journal of Fundamental and Applied Life Sciences	4(1)	2014: 163-170	2231-6345	Centre For Info Bio Technology	International	Peer Reviewed	0.766	
18.	Pilgrimage and the environment: Challenges in a pilgrimage center in Maharashtra, India.	Patange Priyanka, Srinithiviahshini N.D., Mahajan D.M.	International Journal of Environmental Sciences	3(6)	2013: 2269-2277	0976-4402	Integrated Publishing Association	International	Peer Reviewed	0.11	
19.	Carbon Sequestration potential of tree species in Somjaichi Rai (Sacred grove) at Nandghur village, in Bhore region of Pune District,	Hangarge L.M., D.K. Kulkarni, V.B. Gaikwad, D.M. Mahajan and Nisha Chaudhari	Annals of Biological Research	3(7)	2012: 3426-3429	0976-1233	Scholars Research Library	International	Peer Reviewed	0.25	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
	Maharashtra State, India										
20.	Evaluation of Water Quality with Waterborne Diseases for Assessing Pilgrimage Impact along River Indrayani, Pune (India)	Marale S.M., Mahajan D.M., Gavali R.S., Rao K.R.	International Journal of Environmental Protection	2(1)	2012: 8-14	2224-7777	The World Academic Publishing Co., Ltd.	International	Peer Reviewed	NA	
21.	Comparative Analysis of Noise Pollution in Pilgrimage Places from Maharashtra, India'	Marale Sanjay, D.M. Mahajan, Ravindra Gavali and Yogesh Lolage	Enrich Environment: Multidisciplinary International Research Journal	11(4)	2011: 103-112	0974-6064	Enrich Environment	International	NA	NA	
22.	Terrestrial Carbon Sequestration, an Economic Mechanism to Mitigate Urban Climate Change: A Case Study in Kerman City	Haghparsat Hamed, D.M. Mahajan, Venkat R. Gunale and Snehal Agnihotri	Global Journal of Applied Environmental Sciences	01(1)	2011: 93-100	2248-9932	Research India Publications	International	NA	NA	
23.	Impact of exotic tree species on the native vegetation of Vetil hill, Pune	Punalekar Suvarna, D.M. Mahajan and D.K. Kulkarni	Indian Journal of Forestry	33 (4)	2010: 549-554	0971-9431	Bishen Singh Mahendra Pal Singh; Dehra Dun	National	Peer Reviewed	NA	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
24.	Multi-criteria assessment of different temporal water quality changes causing impact on public health	Marale Sanjay, Dnyaneshwar Mahajan, Ravindra Gavali and Rao Kumar	International Journal of Integrative Biology	9 (3)	2010: 122-126	0973-8363	Mary Ann Liebert Inc.	International	Peer Reviewed	0.117	
25.	Comparative assessment of <i>Alternanthera philoxeroides</i> and <i>Hygrophila schullii</i> in lead phyto-extraction from soil	Shabani N., D.M. Mahajan, V.R. Gunale and M.H. Syadi	Pollution Research	29 (1)	2010: 51-56	0257-8050	EM International	International	Peer Reviewed	0.11	
26.	Screening for heavy metals tolerance in emergent macrophytes by repeatable method	Shabani N., D.M. Mahajan, V.R. Gunale and M.H. Syadi	Pollution Research	28 (4)	2009: 721-726	0257-8050	EM International	International	Peer Reviewed	0.11	
27.	A survey on propagation and planting of aquatic macrophytes	Shabani N., D.M. Mahajan, V.R. Gunale and M.H. Sayadi	Asian J. of Microbiol. Biotech. Env. Sc.	11 (4)	2009: 701-704	0972-3005	EM International	International	Peer Reviewed	0.11	
28.	Composition and distribution of macrophytes	Mir Anjum Afshan, D.M.	The Int. J. of Climate Change:	01(4)	2009: 23-35	1835-7156	Common Ground Research Network, USA	International	Peer Reviewed	NA	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
	in Hokersar - A wetland of international importance in Kashmir Himalaya'	Mahajan and P.G. Saptarshi	Impacts and Responses								
29.	Assessing Impacts of Habitat Modification on Plant Diversity of an Urban Wetland	Pokharkar Shital B., D. M. Mahajan, T. D. Nikam, and V. R. Gunale	Functional Plant Science and Biotechnology	3 (1)	2009: 55-59	1749-0472	Global Science Books	International	Peer Reviewed	NA	
30.	Spatial characteristics of vegetation cover based on remote sensing and geographical information system (GIS)	Mahajan D.M. and Vishwas S. Kale	Tropical Ecology	47 (1)	2006: 71-79	0564-3295	International Society for Tropical Ecology; (Springer)	International	Peer-Reviewed	0.95	
31.	Effects of environmental factors on ecology and distribution of aquatic macrophytes	Ghavzan N. Jafari, V.R. Gunale, D.M. Mahajan and D.R. Shirke	Asian J. Plant Sciences	05(5)	2006: 871-880	1682-3974; 1812-5697	Asian Network for Scientific Information	International	Peer Reviewed	0.92	
32.	Pollen analysis of <i>Apis florea</i> Fabr. honeys	Mahajan D.M., I.B. Salunkhe and V.R. Gunale	The Indian Forester	126(2)	2000: 159-164	0019-4816	Indian Council of Forestry Research and Education	International	Peer Reviewed	0.666	

Sr. No.	Title of Research paper	Authors	Title of Journal	Vol. and Issue No.	Year and page no.	ISSN No.	Publisher	National / International	Peer Reviewed / UGC Care listed	Impact factor	Indexing
	from the south-western Satpura (Maharashtra)										

E. Patent

Sr. No.	Title of Invention	Name of Inventors	Field of Invention	Date of filing / approved	Publication date	Nature (Indian/US etc)	Patent Number
	NIL	NIL	NIL	NIL	NIL	NIL	NIL

F. Research Guidance

Sr. No.	Name of Student Registered for M.Phil. / Ph.D. degree	Name of Degree M.Phil. / Ph.D.	Research Topic	Name of Research center & University	Date of Registration	Date of Award
1.	Shital B. Pokharkar	Ph.D.	Ecological and floristic studies of aquatic macrophytes from selected wetlands of Pune urban area.	Department of Environmental Sciences, SPPU	2006, Nov.	27/07/2010
2.	Najmeh Shabani Farsangi	Ph.D.	Studies on screening of some macrophytes for remediation of selected heavy metals.	Department of Environmental Sciences, SPPU	2007, Oct.	10/05/2011
3.	Sanjay M. Marale	Ph.D.	Assessment of pilgrimage impact on river water quality and health along the river Indrayani, Dist. Pune, India.	Department of Environmental Sciences, SPPU	2006, Nov.	26/09/2011

Sr. No.	Name of Student Registered for M.Phil. / Ph.D. degree	Name of Degree M.Phil. / Ph.D.	Research Topic	Name of Research center & University	Date of Registration	Date of Award
4.	Sham M. Golekar	M.Phil.	Teaching of 'environmental awareness course' at college (undergraduate) level: problems and perspectives	YCMOU, Nasik	2007	2010-11
5.	Hamed Haghparast	Ph.D.	Studies on above and belowground biomass production of some selected plant species from terrestrial ecosystems for carbon sequestration analysis.	Department of Environmental Sciences, SPPU	2008, Jan.	12/02/2012
6.	Smita R. Jadhav	M.Phil.	Studies on above and belowground biomass production of an urban park (Empress Garden, Pune) for carbon pool analysis	YCMOU, Nasik	2010	2011-12
7.	Vijayalaxmi Shinde	M.Phil.	Assessing the role of urban green spaces in carbon pool storage	YCMOU, Nasik	2010, August	2012-13
8.	Anjum Afshan	Ph.D.	Conservation management plan for Hokersar wetland (Kashmir, India) with emphasis on macrophytes	Department of Environmental Sciences, SPPU	2008, April	18/06/2013
9.	Fayaz Ahmad Bhat	Ph.D.	Forest ecology of Lolab valley (Kupwara), Kashmir	Department of Environmental Sciences, SPPU	2007, Nov.	14/10/2013
10.	Bharat P. More	M.Phil.	Ecological status of urban wetlands of Pimpri-Chinchwad Municipal Corporation (PCMC) area.	YCMOU, Nasik	2007	2013-14
11.	Arvind B. Patil	Ph.D.	Interactive studies on exotic and native plants in landscape ecology of Pune urban region.	Department of Environmental Sciences, SPPU	2007, Feb.	13/01/2015
12.	Nisha Chaudhari	Ph.D.	Studies on the carbon pool of Pimpri-Chinchwad urban vegetation	Department of Environmental Sciences, SPPU	2009, May	12/07/2016

Sr. No.	Name of Student Registered for M.Phil. / Ph.D. degree	Name of Degree M.Phil. / Ph.D.	Research Topic	Name of Research center & University	Date of Registration	Date of Award
13.	Nanabhau B. Khairnar	Ph.D.	Plant ecological studies of an arid zone wildlife sanctuaries and restoration of native plant species.	Department of Environmental Sciences, SPPU	2007, Oct.	22/05/2017
14.	Mehmooda Akhtar (Co-guide)	Ph.D.	Ecotourism potential of Sonmarg and Lolab valley (J&K)	Department of Environmental Sciences, SPPU	2008, Oct.	23/08/2017
15.	Priti V. Aphale (Co-guide)	Ph.D.	Studies on eco-geomorphology and vegetation pattern on plateaus in North Western Ghats	Department of Environmental Sciences, SPPU	2012, Aug.	Thesis Submitted
16.	Bagdane Kailas Kacharu	Ph.D.	Floristic and phyto-sociological studies of Purandar Tehsil (Pune district, Maharashtra, India).	Department of Botany, A.A. College, Manchar, Dist. Pune	2014, Oct.	In Progress
17.	Shinde Vijayalaxmi Rajiv	Ph.D.	Ecological assessment of urban green spaces and its potential for providing various ecological services with special reference to carbon sequestration potential.	Department of Environmental Sciences, SPPU	2014, Nov.	In Progress
18.	Priti Moudgal	Ph.D.	A study on effect of municipal waste water irrigation on the selected crops along the downstream of Mula-Mutha River in Pune district.	Department of Environmental Sciences, SPPU	2014-Dec.	In Progress
19.	Masoumeh Fahraji	Ph.D.	Biodiversity conservation of Chabahar Coral Reef (Iran) through ecotourism and Sustainable livelihood.	Department of Environmental Sciences, SPPU	Oct. 2015	In Progress
20.	D.R. Shinde (Co-guide)	Ph.D.	Study on Impact of Heavy Metals on Fish Species of Ujjani Reservoir	PG Research Center in Environmental Science, B.G. College, Sangvi, Pune-27	2018, April	In Progress

Sr. No.	Name of Student Registered for M.Phil. / Ph.D. degree	Name of Degree M.Phil. / Ph.D.	Research Topic	Name of Research center & University	Date of Registration	Date of Award
21.	Sachin M. Shinde (Co-guide)	Ph.D.	Characterization and Removal of Heavy Metals from Mula-Mutha River Water, Pune City	PG Research Center in Environmental Science, B.G. College, Sangvi, Pune-27	2018, Aug	In Progress
22.	Santosh S. Dharmadhikari (Co-guide)	Ph.D.	Sustainable Management Practices for Solid Wastes Generated from Integrated Steel Plant	PG Research Center in Environmental Science, B.G. College, Sangvi, Pune-27	2018, Aug	In Progress
23.	Utkarsha Jadhav (Co-guide)	Ph.D.	Biodiversity of Lepidopteran and its relationship with the surrounding flora within PCMC area	PG Research Center in Environmental Science, B.G. College, Sangvi, Pune-27	2020, March	In Progress
24.	Mayuri Yadav (Co-guide)	Ph.D.	Spatio-temporal water quality mapping of Nira River.	PG Research Center in Environmental Science, B.G. College, Sangvi, Pune-27	2020, March	In Progress
25.	Madhuri Ekshinge (Co-guide)	Ph.D.	Phytoremediation of heavy metal polluted soils.	PG Research Center in Environmental Science, B.G. College, Sangvi, Pune-27	2020, March	In Progress

Thesis/Dissertation Evaluation			
Degree	University	External/Internal referee	Subject
M.Phil.	Yeshwantrao Chavan Maharashtra Open University, Nashik	External	Environmental Science
Ph.D.	Tribhuvan University, Kathmandu, Nepal	External	Environmental Science
Ph.D.	Savitribai Phule Pune University, Pune	Internal	Environmental Science
M.Sc.	Solapur University, Solapur	External	Environmental Science
M.Sc.	Savitribai Phule Pune University, Pune	Internal/External	Environmental Science
M.Sc.	Savitribai Phule Pune University, Pune	Internal/External	Botany

G. Research Paper Peer Review

Name of Journal	ISSN	Title of paper	Reviewed on
Journal of Engineering Research and Reports	2582-2926	Influence of Different Depth of Tillage on Carbon Sequestration in the Soil of Rainforest Zone, Ekiti State	13 June 2020
Journal of Experimental Agriculture International	2457-0591	Phytosociological Survey Of Spontaneous Plants In The Culture Of Agroecological Maize With Plants Of Intercalar Coverage	29 June 2020

H. Sponsored / Consultancy Projects

Sr. No.	Title of Project	Name of Funding Agency	Duration Major / Minor	Grant Mobilized (Rs. Lakh)	Facility Generated (if any) (Outcome)
1.	Status of urban wetland flora and fauna of Pimpri-Chinchwad Municipal Corporation (PCMC) area.	UGC, New Delhi	April 2004 to March 2006	Rs. 49,000/-	Desktop PC, Plankton net, Chemicals, Reference Books
2.	Bio-prospecting of potential non-edible oil seed plant species for bio-fuel.	UGC, New Delhi	April 2005 to March 2007	Rs. 80,000/-	Soxhlet apparatus made from borosil glass with Soxhlet extractor, condenser etc., chemicals, three heating mantle, Reference Books
3.	Study on naturally occurring biomass of Cyanobacterium – Nostoc for applied interest.	BSUD, University of Pune	April-2006 to March-2008	Rs. 1,50,000/-	NA
4.	Conservation of the Endangered Species of Dry Land Ecosystems of Pune District by Involving Stakeholders in the Local Community through Environmental Education.	BCUD, University of Pune	April-2006 to March-2008	Rs. 3,00,000/-	NA
5.	Studies on alien flora and native plants in landscape ecology of Pune urban region.	BCUD, University of Pune	April 2008 to March-2010	Rs.1,00,000/-	NA
6.	A study on wetland floral biodiversity of Pawana River and preparation of an illustrative digital	BCUD, University of	April 2009 to March-	Rs. 2,00,000/-	Stereoscopic Research Microscope, Chemicals, Reference Books

Sr. No.	Title of Project	Name of Funding Agency	Duration Major / Minor	Grant Mobilized (Rs. Lakh)	Facility Generated (if any) (Outcome)
	inventory.	Pune	2011		
7.	Estimation of Carbon Sequestration Potential of Trees and Developing the Guidelines for Increasing the Urban Carbon Storage through Green Spaces.	BCUD, University of Pune	April 2014 to March 2016	Rs. 2,70,000/-	NA
8.	Biomass carbon sequestration of PVP college campus	PVP College	May 2016	Voluntary	NA

I. E-content Development

Sr. No.	Name of e-Content	Type of e-content	Name of Module	Name of Course	Name of Agency Approved
1.	NIL	NIL	NIL	NIL	NIL
2.					
3.					

J. Awards / Honors

Sr. No.	Name of Award	Type of Award	Name of Awarding Agency	State / National / International	Month and Year
1.	NIL	NIL	NIL	NIL	NIL
2.					
3.					

K. Fellowship

Sr. No.	Name of Fellowship	Type of Fellowship	Name of Awarding Agency	State / National / International	Duration (From – To)
1.	Research Fellowship	Research	University of Pune	State	Jan 1995 to Nov. 1995
2.	--	--	--	--	--

L. Extension and Social Activities

Sr. No.	Name of Extension Activity	Details of Activity	Date(s)
1.	Presiding Officer: General Elections of Legislative Assembly of Maharashtra.	To conduct the election duty as per the rules of ECI	2019
2.	Presiding Officer: General Elections of Parliament	To conduct the election duty as per the rules of ECI	2019
3.	Presiding Officer: General Elections of Parliament	To conduct the election duty as per the rules of ECI	2014
4.	Worked as Honorary Botanist for Paud Forest Division, Dist. Pune	To provide expertise in plant identification	2005-2008
5.	Participated in National Biodiversity Strategy and Action Plan (NBSAP) at YASHDA, Pune-07.	To take review of biodiversity work in India	2002
6.	Presiding Officer: Elections of LSG, (Saswad Nagar Parishad)	To conduct the election duty as per the rules of ECI	2011
7.	Presiding Officer: General Elections of Legislative Assembly of Maharashtra	To conduct the election duty as per the rules of ECI	2009
8.	Presiding Officer: Elections of LSG, Pune ZP and Panchayat Samiti	To conduct the election duty as per the rules of ECI	2007

M. Skills and Hobbies

Wildlife Photography, Jungle Safari, Field Botany

(Dr. Dnyaneshwar Maruti Mahajan)