

CURRICULAM VIATE



DR. RAJENDRA ANANDA LAVATE

M.Sc., M.Phil., Ph.D.

Assistant Professor in Botany

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Date of Birth : 6th Feb. 1973
Nationality : Indian
Religion & Caste : Hindu-Dhangar
Category : N.T. (C)
Languages Known : English, Hindi and Marathi.

EDUCATION:

Sr. No.	Exam. Passed	Year of Passing	Subjects with Specialization	% Of marks Obtained	Board/ University
1	S.S.C.	Mar.-1989	Languages, Maths, Science & Soc. Sci.	73.14	Pune Board

2	H.S.C.	Mar.-1992	Science	58.36	Kolhapur Div. Board
3	B.Sc.	May-1995	Botany	58.36	Shivaji Uni. Kolhapur
4	M.Sc.	May-1997	Botany (Paleobotany)	57.75	Shivaji Uni. Kolhapur
5	M.Phil.	Nov.-2000	Botany (Bryology)	'A' Grade	Shivaji Uni. Kolhapur
6.	Ph.D.	May, 2016	Botany (Bryology)	'A' Grade	Shivaji Uni., Kolhapur
6	B.J.	July- 2003	Journalism	53.35	T.M.V., Pune
7	MS-CIT	Dec.-2004		93	MSBTE Mumbai

RESEARCH WORK:

M. Phil.

Title: "STUDIES ON THE LIVERWORTS OF PANHALA"

Thesis deals with morpho-taxonomical and ecological studies on the liverworts of Panhala viz., *Riccia fluitans* L., *R. crystallina* L., *R. frostii* Aust., *Targionia hypophylla* L. *Cyathodium tuberosum* Kash., *Plagiochasma articulatum* Kash., *P. appendiculatum* L. et L., *P. intermedium* L. et G., *Asterella angusta* Beauv., *Fossombronia himalayensis* Kash.

Ph. D.

Title: "STUDIES ON THE HEPATICAE AND ANTHOCEROTAE OF KOLHAPUR DISTRICT"

Thesis deals with morpho-taxonomical and ecological studies on the 42 species belonging to 19 genera of liverworts and hornworts of Kolhapur District. Among these 33 species

belonging to 15 genera and 10 families are of liverworts (Hepaticae) while 10 species belonging to 04 genera and 02 families are of hornworts (Anthocerotae).

UGC MINOR RESEARCH PROJECT WORK:

TITLE OF PROJECT	:	“BRYOFLORESTIC STUDIES ON THE LIVERWORTS AND HORNWORTS FROM FEW FORTS OF KOLHAPUR DISTRICT, MAHARASHTRA”
INVESTIGATOR	:	Dr. Lavate Rajendra A.
CO-INVESTIGATORS	:	Dr. Sathe Sanjay S. and Dr. Dongare Meena M.
INSTITUTE	:	P.D.V.P. College, Tasgaon.
PERIOD	:	Oct. 2010 to Oct. 2015 Project deals with morpho-taxonomical and ecological studies on the 41 species belonging to 19 genera of liverworts and hornworts of Kolhapur District. Among these 31 species belonging to 10 genera and 10 families are of liverworts (Hepaticae) while 10 species belonging to 04 genera and 02 families are of hornworts (Anthocerotae).

TEACHING EXPERIENCE:

Class	Institute/University	Appointment	Period
B.Sc. (I, II & III)	KES's, KRP, Kanya Mahavidyalaya, (Arts, Commerce and Science) Urun-Islampur (Sangli) PIN - 415 409. Lecturer in Botany	Full Time Academic One Year	01/10/97 to 25/10/97 25/11/97 to 20/04/98

			08/09/98 to Acad.Yr. 98-99 20/06/99 to Acad.Yr. 99-00 21/06/00 to Acad.Yr. 00-01 21/06/01 to Acad.Yr. 01-02
B. Sc. (I & II)	Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon; Dist.- Sangli	Full time Regular	14/02/2004 to 04/08/2010
B. Sc. (I & II)	Raje Ramrao Mahavidyalaya, Jath; Dist.-Sangli	Full time regular	04/08/2010 to 20/08/2024
B. Sc. I, II & III	Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj; Dist.-Sangli	Full time regular	21/08/2024 to till today

PROJECTS SANCTIONED / COMPLETED:

Title of the Project	Funding Agency	Amount	Status
Bryofloristic studies on the liverworts and hornworts from few forts of Kolhapur District, Maharashtra	UGC, (WRO) Pune	1, 10,000/-	Completed

ACTIVELY PARTICIPATED IN VARIOUS COURSES

Name of the Course/	Place	Duration	Sponsoring Agency
Summer School			

Orientation Course	UGC-ASC, Dr. B.A. Marathwada Univ. Aurangabad	02/06/2010 to 29/06/2010	UGC, New Delhi
Refresher Course	University of Agricultural Sciences, Bangalore	15/11/2012 to 29/11/2012	
AVHAN: State Level Training Camp on Disaster Preparedness	RTM Nagpur University, Nagpur.	8-17 June, 2014	
Skill Development Orientation,	NSS Shivaji University, Kolhapur	2-6, Nov. 2015	
GIAN programme on “Evolutionary Morphology of Land Palnts	Shivaji Univesrsity, Kolhapur	18-25, August, 2016	
‘Special Winter School (Botany)’ with ‘A’ grade.	Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati-413 102	09/09/2017 to 29/09/2017	UGC, New Delhi
Two weeks FDP on “LaTeX”	Gopalan College of Engineering and Management	17-30 April, 2020	I.I.T. Bombay- Spoken Tutorial
One weeks FDP on “MOODLE Learning and Management System”	Vivekanand College, Kolhapur	25-30, April, 2020	I.I.T. Bombay- Spoken Tutorial
Two weeks online FDP on “Managing online classes	Ramanujan College, New Delhi	20 April-6 May, 2020	MHRD, Pt. M.M. Malvia National

and Co-creating MOOCS”			Mission on Teachers and Teaching
One-week national online FDP on ‘ICT tools for effective Teaching & Learning”	Swami Ramanand Teerth Marathwada University, Nanded	11-16 May, 2020	School of Mathematics, SRTMU, Nanded
E-Short Term Course (Teaching, Learning and Evaluation in Botany)	Doodhsakahr Mahavidyalaya, Bidri.	12th -17th May, 2020	Sahyadri Botanical Society, Kolhapur
One week Online Interdisciplinary Certificate Course on “Basics of Organic Farming”	Athalye-Sapre-Pitre College, Devrukh.	17-23 May, 2020	Department of Botany and IQAC,
One Month online International Training Program on Research Manuscript Drafting and Publishing (TORMP-2020 2.0)		6 th July-6 th Aug., 2020	Eudoxia Research Centre, India
Online One Week FDP on “QUALITATIVE DATA ANALYSIS”	Teaching Learning Centre, Ramanujan College University of Delhi	27 th April - 03 rd May, 2021	Ministry Of Education, Pandit Madan Mohan Malaviya National

			Mission on Teachers and Teaching
Online Two-Week Interdisciplinary Refresher Course in Environmental Studies on the theme “21 st Century Environmental Issues, Challenges & Solutions”	Teaching Learning Centre, Ramanujan College University of Delhi	15 - 29 July, 2021	Ministry Of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

CHAIRPERSON IN WORKSHOPS/CONFERENCES/ SYMPOSIA

Sr. No.	Name of the Conference/Seminar/Symposium	Date	Organized By
1	Two days Interdisciplinary International Conference on,” Research Interventions and Technological Advancements in Plant Sciences (RITAPS, 2021)	26 th and 27 th March, 2021.”	PG Department of Botany, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi with Association of Plant Science Researchers, Dehradun
2	Two days Third International Conference on “Multidisciplinary Approach in Basic and Applied Sciences (MABAS-2023)	23 rd -24 th Feb., 2023	Padma Bhushan Dr. Vasanthaodada Patil Mahavidyalaya, Tasgaon, Dist.-Sangli

RESEARCH PUBLICATIONS: Total 31

Sr. No.	Title of the Publication	Name of Co-author if any	Name of the Journal having ISSN number	Full Address of Journal
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1	Studies on Floristic diversity on three sacred groves, from arid region of Sangli district. (Maharashtra).	S.S. Sathe & V.B. Shimpale	<i>J. Econ. Taxon. Bot.</i> Vol. 36 (1) Pp 90-101 (2012) ISSN/No.0250-9768 Indexed	Scientific publisher, Jodhpur
2	Ethnobotanical and Fishery Related Studies on Mangrove Ecosystem with Special Reference to Malvan Tahsil of Sindhudurg District Maharashtra.	S.S. Sathe & Leela Bhosale	<i>International Journal Trends in Fisheries Research</i> Vol. 1(3), pp 9-14(2012) ISSN-: 2319-474X (Print) ISSN-: 2319-4758(Online) Indexed	15, B. Vijayanagar, Bijapur Road, Solapur 413 001 (M.S.), India
3	Fishery resources for economic Development of the Fresh Water Wetlands of Drought Prone Tasgaon Tahsil of Sangli District.	S.S. Sathe & R.M. Ganeshwade	<i>International Journal Trends in Fisheries Research</i> Vol.1(3), pp30-32(2012) ISSN-: 2319-474X (Print) ISSN-: 2319-4758(Online)	15, B. Vijayanagar, Bijapur Road, Solapur 413 001 (M.S.), India
4	Mangroves as a source of energy for rural development with special reference to Ratnagiri and Sindhudurg District (M.S.) India	S.S. Sathe & Leela Bhosale	<i>Bioscience Discovery</i> , Vol. 4(2) Pp198-201 July 2013. ISSN 2229-3469(Print)	43, Kaushalyaie, Priyanka Residency, Jalna, Maharashtra 431203
5	<i>Marchantia linearis</i> Lehm. et Linenb. (Marchantiophyta, Marchantiaceae): A New Report from the Western Ghats of Maharashtra, India.	Patil, S.B., Shimpale, V.B., Dongare, M.M. & Patil, S.M.	<i>DAV International Journal of Science.</i> Pp (42-46) 2014 ISSN: 2277-5536 (Print) 2277-5641 (Online)	DFB Dayanand College, Solapur
6	Enumeration of common medicinal plants useful to cure Jaundice from Ashta City. (113- 121)	Magdum, S.M. & Awale, V.B.	<i>Proceeding of UGC sponsored National Conference on "Environment Biodiversity:</i>	Dr. Patangrao Kadam

7	Ethnobotanical Survey of Traditional used Antidiabetic Medicinal Plants from Sagarshwar Wild life Sanctuary in Sangli District, (M.S.), India. (121- 133)	S.S. Sathe, V.B. Awale, & V.B. Shimpale	Challenges, Conservation and Preservation” ISBN 978-81-925021-1-3	Mahavidyalaya, Sangli.
8	New distributional record of two Ophioglossum L. for the Deccan Peninsula of India	S. Patil & M. Dongare	J. Bombay nat. Hist. Soc. , 111 (2) August, 2014. pp. 156-157. ISSN Print: 00066982	Hornbill House, Shaheed Bhagat Singh Road, Mumbai
9	Ethno-botanical and Medicinal Aspects of Mangroves from Southern Konkan (Maharashtra)	S.S. Sathe & S.B. Patil	International Journal of Emerging Trends Pharmaceutical Sciences. Vol. 3(4) Nov. 2014, pp. 12-17.	www. ijetps.com
10	Empowering Rural Women for environmental awareness and conservation.	S.S. Sathe & S.P. Dharigouda	Special issue- Proceedings of National Level Seminar. Women’s Empowerment: Issues and Challenges. 27.9. 2014 PP 81-84 (2014) (Impact factor 2.2052) (ISSN-2271-5063).	Shri Vijaysinha Yadav Arts and Science College, Peth-Vadgaon; Dist.-Kolhapur
11	Ecological Studies on Mangroves from Malwan Tehsil of Sindhudurg District. (MS, India) PP 81-90.	S.S. Sathe	Proceeding of National Conference on Environmental Bio Technology, (Dec. 29-30, 2014) ISBN 978-81-8498-4126	Dept. of Zoology, LBS College, Satara.
12	Enumeration of common medicinal plants useful to cure Jaundice in and	S.S. Sathe & S.B. Patil	International Journal of Chemical Science and Technology	www.ijcst.net

	around Jath City, Maharashtra.		Vol.5 (4) Oct. 2015 Pp. 409-412 ISSN:2248-9797	
13	<i>Pallavicinia lyellii</i> (Hook) Gray, (Pallaviciniaceae): An Addition to the hepatic flora of Maharashtra, India.	Sachin Patil, Meena Dongare, Sanjay Sathe and Sanjay Magdum	Plant Science Today 2015 Pp 1-5 ISSN: 2348-1900	Horizon e-Publishing Group, 1G, Horizon Park, Althara Main Street, Vellayambalam, Thiruvananthapuram 695010, Kerala, India
14	The Role of organic Constituents of <i>Avicennia</i> in animal nutrition.	Sathe, S.S. & Sajjan, M.B.	Bioscience Discovery 2015 ISSN: 2229-3469	
15	The role of minerals in fodder with special reference to <i>Avicennia</i> sp.	S.S. Sathe, & M.B. Sajjan	Int. J. Environmental Sciences 2015 Vol., 4 (3&4): pp 102-109, ISSN 2249-2127	International Book House Pt. Ltd.
16	<i>Cyclosorus interruptus</i> (Willd.) H. Ito: a new addition to the flora of Maharashtra	Sachin Patil, Vinod Shimpale, & Vineet Rawat	Bioscience Discovery 7(2):128-130, ISSN: 2231-024X (Online)	43, Kaushalyaie, Priyanka Residency, Jalna, Maharashtra 431203
17	Diversity and distribution of Pteridophytes from Satara District, Maharashtra (India).	Sachin Patil, Vineet Rawat & Meena Dongare	Plant Science Today 2016 ISSN: 2348-1900	43, Kaushalyaie, Priyanka Residency, Jalna, Maharashtra 431203
18	Bryophytes as a source of Silver Nanoparticles: A Review	Sathe, S.S., Kumhar, D.A., Salunkhe, G.D., Mali, V.C., Bobade, N.R. & Sajjan, M.B.	Proceeding of Int. Conf. on Advances in Material Science 2016; ISBN: 978-93-5254-490-5	Raje Ramrao Mahavidyalaya, Jath
19	Green Synthesis of Silver Nanoparticles from Plants	Mali, V.C., Rangar, K.K., Kumhar, D.A., Sathe,		

		S.S., & Kokare, B.N.		
20	Studies on corticolous Mosses from Panhalgad in Western Ghats of Maharashtra, India.	Magdum, S.M, Patil, S.M. & Dongare, M.M.	Bioscience Discovery , 2017, pp. 796-801 ISSN: 2229-3469 (Print); ISSN: 2231-024X (Online)	Horizon e-Publishing Group, 1G, Horizon Park, Althara Main Street, Vellayambalam, Thiruvananthapuram 695010, Kerala, India
21	Ecological Notes on Sacred Groves from Arid Region of Sangli District.	S.S. Sathe & S.A. Mohite	International Journal of Researches in Bioscience, Agriculture & Technology . Special Issue 1 Vol.-V 2017 Pp. 65-69 ISSN:2347-517X (Online)	43, Kaushalyaie, Priyanka Residency, Jalna, Maharashtra 431203
22	Role of Non-government Organisations (NGOs) in conservation of Natural Resources: Some Issues	S.S. Sathe, S.P. Dharigouda, A.K. Bhosale & V.C. Mali	Proceeding of National Seminar on Changing paradigms of Social Movements 2017, ISBN: 978-93-83797-52-1	Raje Ramrao Mahavidyalaya, Jath
23	Role of Dr. B.R. Ambedkar's social movements to emerge him as an emancipator of untouchables	S.S. Sathe, M.B. Sajjan, D.A. Kumbhar, G.D. Salunkhe & S.D. Borate		
24	Study of working principles used in Natural Dye sensitized solar cell dyes and its review	Mali, V. C., Rangar, K.K., Kumhar, D.A., & Kokare, B.N.	Proceeding of Int. Conf. on Advances in Material Science 2017, Pp. 272-275, ISBN: 978-81-931247-6-5	www.vmsindia.org

25	Checklist of Mosses from the Western Ghats of Maharashtra, India.	Magdum S. M., Patil S. M., & Dongare, M. M.	<i>Bioscience Discovery</i> , 2017 ISSN:2231-024X (Online)	43, Kaushalyaie, Priyanka Residency, Jalna, Maharashtra 431203
26	Physico-Chemical Analysis of Bore well water Samples of Jath City, MS, India	Mali, V. C., Rangar K. K., Kumbhar, D. A. and Lavate, R.A.	<i>International Journal of Life Science</i> , 2018, A10: 12-16. ISSN: 2320-964X (Online)	43, Kaushalyaie, Priyanka Residency, Jalna, Maharashtra 431203
27	Enumeration of flowering plants from Raje Ramrao Mahavidyalaya campus, Jath (Maharashtra) India	Khot V.V., Sathe Sanjay S2 and Jagtap Mamata A	<i>International Journal of Life Science</i> , 2018; A10: 29-42 ISSN: 2320-964X (Online)	46, Guruwandan, Jawahar Nagar, VMV Road, Amravati- 444604 Maharashtra, India.
28	Nutrient status of soil samples of few sacred groves from arid region of Sangli district, Maharashtra, India	Sathe, S. S. & Mali, V. C.	<i>International Journal of Life Science</i> , 2018 A10: 159-164 ISSN:2320-964X (Online)	46, Guruwandan, Jawahar Nagar, VMV Road, Amravati- 444604 Maharashtra, India.
29	Superhydrophobic Coating Using TiO ₂ NPs/PMHS Composite for Self-Cleaning Application Pp. 1-5	R.S. Sutar, S.D. Mandeshi, S.S. Latthe, S.R. Kulal, G.D. Salunkhe, K.K. Rangar, S.B. Raut, A.C. Sapkal, A.K. Bhosale, K.K. Sadasivuni, S. Liu & R. Xing	<i>The Fourth Int. Conf. on Advances in Material Science-2020</i> , Wiley-VCH Vol. 393; Pp. 1-5 ISSN: 1521-3900	46, Guruwandan, Jawahar Nagar, VMV Road, Amravati- 444604 Maharashtra, India.
30.	<i>Oryza Sativa</i> Husk as A Sustainable Source of Silicon: A Review	Rajendra Lavate, Sohan Thombare*, Shankar Soudagar and Appasaheb Bhosale	<i>Bioinfolet 20 (3 B): 549 - 560</i> , 2023	

31.	Water Loving, Water Hating and Water Repellence Properties Of Some Plants	Rajendra Lavate, Sohan Thombare*, Shankar Soudagar, Rajesh Sawant and Appasaheb Bhosale	<i>Bioinfolet 20 (3 B): 561 - 566, 2023</i>	
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POSTERS DISPLAYED IN CONFERENCE:

Sr. No.	Title of the Poster	Name of Co-author if any	Name of the Conference/Seminar/Symposium And Date	Date	Organized By
1	“Preliminary Survey of Hepaticae and Anthocerotae of Kolhapur District.”	R.A. Lavate, and Meena Dongare	COURT-2006		Dept. of Botany, Shivaji University, Kolhapur 416 004.
2	“Bryophytes as Source of Silver Nanoparticles- A Review”	R.A. Lavate, S.S. Sathe, D.A. Kumbhar, G.D. Salunkhe, V.C. Mali and M.B. Sajjan.	Two days International Conference on “Advances in Materials Science”	7-8 December, 2016	Department of Physics, Raje Ramrao Mahavidyalaya, Jath, Dist. Sangli.
3	“Green Synthesis of Silver Nanoparticles from Plants”	Vidya C. Mali, Krishna K. Rangar, Rajendra A. Lavate, Dipak A. Kumbhar, Sanjay S.			

		Sathe and B.N. Kokare.			
4	“Diversity and Distribution of Fern and Fern-Allies of Dandeli Wildlife Sanctuary, Karnataka”-	Rajendra Lavate, Swarupa Sankpal, Ayesha Jamadar and Chadrahas Patil.	Two Days ‘National Symposium on Pteridophytes’	3-4, March, 2017	Botanical Survey of India, Pune
5	“Study of working principles used in natural dye sensitized solar cell dyes and its review”	Vidya C. Mali, Krishna K. Rangar, Rajendra A. Lavate, Dipak A. Kumbhar and B.N. Kokre.	Two Days Second International Conference on “Advances in Materials Science”	22-23 December, 2017	Post-Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath, Dist. Sangli
6	“Anatomical studies in liverworts and hornworts from northern western Ghats of India”	Lavate, R.A., Patil, S.M. and Dongare, M.M.	International Symposium on “Plant Anatomy: Traditions and Perspectives”	16-21, Sept., 2019	Dept. of Biology, M.V. Lomonosov Moscow Russia.
7	“Adiantum L.: A review on its Taxonomy, Distribution,	Sachin, M. Patil and Lavate, R.A.	National Conference on “Pteridology Today and Tomorrow: Relevance to Impact on Diversity and	24 th -25 th February, 2020	Department of Botany, Faculty of Science, The Maharaja Sayajirao

	Conservation status, Ethnomedicinal uses, Phytochemistry and Pharmacology from India”		Climate Change (PTTIFSC-2020)		University of Vadodara.
8	Biodiversity: Threats and Conservation,	Lavate R.A.	Online International Conference on “Biodiversity Conservation and Tourism”	17th May, 2020.	Shri. S. H. Kelkar College of Arts, Commerce and Science, Devgad, Dist. Sindhudurg, Maharashtra
9	“Diversity of Hornworts in Maharashtra, India”	Lavate, R.A.	Two days Interdisciplinary International Conference on,” Research Interventions and Technological Advancements in Plant Sciences (RITAPS, 2021)	26 th and 27 th March, 2021.”	PG Department of Botany, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi with Association of Plant Science Researchers, Dehradun
10	“Bryodiversity, Threats & Conservation of Mosses of Kolhapur District”	Magdum, S.M. and Lavate, R.A.	“International Conference on Recent Trends in Pure and Applied Sciences” (ICRTPAS-2023)	24 th & 25 th March, 2023	Smt. Kusumtai Rajarambapu Patil Kaya Mahavidyalaya, (ACS) Islampur.

PAPERS PRESENTED IN CONFERENCE/SEMINAR/SYMPOSIUM:

Sr. No.	Title of the Poster	Name of Co-author if any	Name of the Conference/Seminar/Symposium And Date	Date	Organized By
1.	“Diversity of Hornworts in Maharashtra, India”	Lavate, R.A.	Two days Interdisciplinary International Conference on,” Research Interventions and Technological Advancements in Plant Sciences (RITAPS, 2021)	26 th and 27 th March, 2021.”	PG Department of Botany, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi with Association of Plant Science Researchers, Dehradun
2.	“Diversity and distribution of fern and fern allies from Chandoli National Park”		Three days XVI Conference of the Indian Fern Society and International Symposium on “Research in Pteridology: Priorities and Challenges”	17 th to 19 th March, 2022.	PG Department of Botany, University of Calicut
3.	“Arboreal Flora of Raje Ramrao Mahavidyalaya, Jath Campus, Sangli (M.S.), India”		Two days 3 rd International Conference -2023 on,” Multidisciplinary Approach in Basic and Applied Sciences (MABAS-2023)	23 rd and 24 th February, 2023.”	Jointly organised by Padma Bhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon with Knowledge Partner ‘Department of Biotechnology, Shivaji University, Kolhaour

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BOOK CHAPTERS:04

Sr. No.	Title of the Chapter	Title of the Book	ISSN/ISBN No.	Whether Peer Reviewed	No. of authors	Authorship
1	Pteridophytic flora of Northern Western Ghats of India	Recent Status of Cryptogams in India 2017	ISBN: 978-81-936079-8-5	Yes	4	Co-author
2	Bryodiversity, distribution, threats and conservation of liverworts and hornworts from forts of Kolhapur district.	Biodiversity Assessment: Tool for Conservation 2017 Editors: Sagar A. Vhanalakar, Sharadrao A. Vhanalakar	Bhumi Publishing, Kolhapur 416207, ISBN: 978-81-931247-3-4	Yes	1	Principal Author
3	Bryodiversity, Threats and Conservation of Liverworts and Hornworts of Kolhapur District (Maharashtra), India	Recent Advances in Botanical Science Vol. I: Contemporary Research in Bryophytes Editor: Afroz Alam	Bentham Science Publishers, Pvt. Ltd. Singapore Pp. 134-158 ISBN (Online): 978-981-14-3378-8 (Print): 978-981-14-3376-4	Yes	1	Principal Author
4	“Enumeration of Ethnomedicinal Plants Useful to Cure Renal	“Conservation of Wild Taxa: Present Scenario”. Editors: Dr. S.	Department of Botany, Shri Yashwantrao Patil Science College,	Yes	1	Principal Author

	Calculi from Jath Tahsil (M.S.), India”	V. Madhale, Dr. M. S. Sutare, Dr. S. P. Dorugade, Dr. V. M. Lagade, Dr. M. V. Gokhale, Prof. N. S. Chavan	Solankur (Affiliated to Shivaji University, Kolhapur) Tehsil- Radhanagari, District- Kolhapur Pin Code- 416212, Maharashtra, India© 2021, YPSC, Solankur ISBN 978-81-926339-06			
5.	“Adiantum L.: Overview on Taxonomy, Distribution, Conservation Status, Ethnomedicinal Uses, Phytochemistry, and Pharmacognosy from India”	“Ferns: Biotechnology, Propagation, Medicinal Uses and Environmental Regulation”. Editors: Johnson Marimuthu, Helena Fernández, Ashwani Kumar, Shibila Thangaiah	Springer Nature Singapore Pte Ltd. 2022 ISBN 978-981-16-6169-3 ISBN 978-981-16-6170-9 (eBook) https://doi.org/10.1007/978-981-16-6170-9	Sachin Patil, Rajendra Lavate, Vinay Raole, and Kishore Rajput	4	Co-author

BOOKS PUBLISHED:04

Sr. No.	Name of the book	Authors/Co-authors	ISSN/ISBN No.	Publisher
1	Contributory author: Handbook	Sathe S.S., Shimpale, V.B. and G.G. Potadar	ISBN: 978-81-907287-4-4	Jain Siddhant Publication, Sangli

	of Practical Botany B. Sc. I			
2	Contributory author: A Handbook of Practical Botany (B. Sc. I)	Chougule, P.M., Sathe S.S., B.T. Jadhav, A.A. Patil, D.H. Jadhav, R.A. Lavate, S.N. Inamdar, P.B. Kale, M.M. Ghatge, S. M. Magdum, S.M. Mohite, and V.B. Shimpale	Sept., 2008, Oct., 2009, Sept., 2011	Pradnyadeep Publications, Kolhapur.
3	Contributory author: A Handbook of Practical Botany (B. Sc. II)	Sathe, S.S., Kale, P.B., Deshmukh, S.A., Aitwade, M.M. and Lavate, R.A.	ISBN: 978-93-89435-09-2 Code No. P6185 August, 2019	Phadke Prakashan, Kolhapur
4	Contributory author: of Practical Handbook Botany (B. Sc. I)	Waghmare M.B., Kirtane S.A., Dangat, B.T., Patil, A.V., Jadhav, S.S., Pawar, N.V., Wadkar, S.S., Mengane, S.K., Waghmare, R.M.	ISBN 978-93-93220-25-7 2022	Success Publications, Pune

Research Projects Completed: 01

Sr. No.	Title	Agency	Duration	Grant / Amount Mobilized (Rs. lakh)
1	Bryofloristic studies on Liverworts and Hornworts from few Forts of Kolhapur District	Funded by UGC	2009-2015	1,10,000/-

ARTICLES PUBLISHED IN NEWSPAPERS:

1. Apa Dipo Bhava: Dipprajwalan- CORONA Mukticya ladhyatil ek sopa marg. Sanket Times (5th April, 2020).
2. Mahatma Fule Jayantinimitta Lavuni Diva Dnyanacha, Satkarni Lavu Vel Corona Talebandicha. Sanket Times (11th April, 2020)
3. Bharatratna Dr. Babasaheb Ambedkar: Ek Bahu-aayami Vyaktimatv. Sanket Times (14th -20th April, 2020)

POSITION HELD / HONOURS:

- Sub coordinator of UGC sponsored **COC-Medicinal Plants at PDVP College, Tasgaon.**
- Recognized as **PG Teacher in Botany** from Shivaji University, Kolhapur
- Reviewer for *Plant Science Today* - an International Journal of Botany.
- Shivaji University, Kolhapur **Ph. D. Research Guideship in Botany**
- NSS Jath Tahsil Regional Co-Ordinator, NSS Shivaji University, Kolhapur
- Member of Organizing Committee, National Integration Camp, Shivaji University, Kolhapur
- Programme Officer NSS
- Chairman, College Garden and Campus Development Committee
- Member, Discipline Committee
- Member, 'Vivek Vahini' Committee
- Member, Marathi Language & Literature Committee
- Member, Yoga & Meditation Committee
- Member, Career Counseling Committee
- Member of Selection Committee of Teachers in Primary, Secondary and Jr. Colleges run by Shri Gadage Maharaj Mission, Mumbai on 19/07/2018.
- Actively participated as '**Subject Expert for Evaluation of Poster Presentation**' in one day National Conference on "Emerging Trends and classical in Life Science" on 28th, January., 2017 organized by Department of Botany & Zoology, Yashwantrao Chavan Warana Mahavidyalaya, Warananagar.

CONFERENCES / SEMINAR AND WORKSHOP ORGANIZED:

- Organized and actively participated in – "**Exhibition of Medicinal Plants**" at Dept. of Botany, P.D.V.P. College, Tasgaon on 17th and 18th Jan. 2007.

- Worked as Treasurer for two-day national Seminar on, “Impact of Wetlands on Agricultural and Fisheries Productivity” held at Padma Bhushan Dr. Vasandraodada Patil Mahavidyalaya, Tasgaon. (17-18, December, 2009). **(Treasurer)**.
- Worked as Organizing Committee member of a workshop on, “Medicinal Plants” under lead college activity held at Padma Bhushan Dr. Vasandraodada Patil Mahavidyalaya, Tasgaon. **(Organizing Member)**.
- Worked as Organizing Committee member of a Exhibition on, “RET Animals and Plants” on the occasion of International Year of Biodiversity- 2010 at Padma Bhushan Dr. Vasandraodada Patil Mahavidyalaya, Tasgaon. (26-28, January, 2010) **(Organizing Member)**.
- Worked as a Coordinator for a workshop on, “Global Warming” organized by Department of Adult Education, Shivaji University, Kolhapur held at Padma Bhushan Dr. Vasandraodada Patil Mahavidyalaya, Tasgaon. (04-09 February 2011). **(Coordinator)**.

PARTICIPATION IN SEMINARS/ WEBINARS/ CONFERENCES / SYMPOSIA:

Sr. No.	Title & Date	Date	Organizers	Funding Agency
1.	One Day Seminar On- “Botany and Industry”	21 st Feb.2004	Dept. of Botany, Shivaji University, Kolhapur	UGC, New Delhi
2.	One Day Seminar On- “Use of Computers in Learning, Teaching and Bioinformatics”.	19 th Dec.2004	Vidnyan Mahavidyalaya, Sangola.	UGC, New Delhi

3.	National Symposium On – “Recent Trends in Life Science with Special Reference to Environment, Biotechnology and Biodiversity.”	9 th -11 th Feb.2007	KRP Kanya Mahavidyalaya (Arts, Commerce and Science), Urun-Islampur (Sangli)	UGC, New Delhi
4.	National Conference On- “Biodiversity, Sustainable Development and Human Welfare.”	10 th and 11 th Jan. 2009.	Dept. Of Botany Dr. P.R. Ghogrey Science College, Dhule.	UGC, New Delhi
5.	Two Days National Seminar On- “Impact of Wetlands on Agricultural and Fisheries Productivity”	17 th & 18 th Dec.2009	Dept. Of Botany Padmabhushan Dr. Vasandraodada Patil Mahavidyalaya, Tasgaon.	UGC, New Delhi
6.	Two days International Conference on “Advances in Materials Science”	7-8 December, 2106	Department of Physics, Raje Ramrao Mahavidyalaya, Jath, Dist. Sangli	
7.	One day National Seminar on “Socio-Economic Problems of Semi-Nomadic, Nomadic and Denotified tribes”	22, January, 2018	Department of Sociology, Vivekanand College, Kolhapur.	
8.	Mahabridge Webinar on mobile based smart E- Content development for online Teaching	15 th -25 th April, 2020	Knowledge Bridge, Ahmaednagar	
9.	Online International conference on “Climate Change, Mangroves and Sustainable Management”	24 th April 2020	IQAC & PG-Department of Botany of Shri Pancham Khemraj	

			Mahavidyalaya, Sawantwadi, (MS) University of Mumbai, Mangrove Society of India & Sahyadri Botanical Society, Kolhapur	
10.	Campaign on “Spitting Kills”	April-May, 2020	Tata Memorial Hospital, Sambandh Health Foundation and NSS Gov. of Maharashtra	
11.	National webinar on “Plant for Immunity Boosting and Health Care”	Monday 11 th May 2020	Department of Botany, GES’s Arts, Commerce and Science College, Jawhar, Dist- Palghar	
12.	Three days National Level Webinar on “Web Resources and Use of Technologies in Libraries”	11 May, 2020	Annasaheb Magar Mahavidyalaya, Hadapsar; Dist-Pune	
13.	Webinar Series on “Health and Hygiene”	12th -14th May, 2020	Shri Pancham Khemraj Mahavidyalaya, Sawantwadi	
14.	E-Short Term Course (Teaching, Learning and Evaluation in Botany)	12th -17th May, 2020	Sahyadri Botanical Society, Kolhapur and Doodhsakahr Mahavidyalaya, Bidri	
15.	International E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with	15th – 17th May, 2020.	Government Vidarbha Institute of Science & Humanities, Amravati, India	

	reference to the World”			
16.	Webinar on “Effect of COVID-19 on Human Society”	17 May, 2020	Matoshri Vimalabai Deshmukh Mahavidyalaya, Amravati.	
17.	Webinar on “Biodiversity and Public Health”	19 May, 2020	Shivaji College, Delhi	
18.	One day webinar on “Bees Awareness and Conservation” on the occasion of World Bee Day	20 th May, 2020	KRT Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik-02	
19.	National Level Webinar on “Cyber Security from Ethical Hacker’s Perspective”	20 May 2020.	IQAC by Department of Computer Science and Information Technology Laxman Devram Sonawane College Kalyan, Thane, Maharashtra	
20.	National Webinar on “Corona’s Global Epidemic: Let’s Talk on Depression”	21 May, 2020	Student Guidance and Counselling Cell, Student Development Cell and Internal Quality Assurance Cell (IQAC) of Raje Ramrao Mahavidyalaya, Jath – 416404, Dist: Sangli, Maharashtra, India.	
21.	National Webinar on, “Biodiversity Informatics and documentation through	22 nd May, 2020	St. Xavier’s College for Woman, Aluva	

	Citizen Science on India Biodiversity Portal			
22.	National Webinar on “BIODIVERSITY AND ITS CONSERVATION”	22 May, 2020	Department of Botany & Internal Quality Assurance Cell (IQAC) of Raje Ramrao Mahavidyalaya, Jath – 416 404, Dist: Sangli, Maharashtra, India.	
23.	Webinar series on “Agriculture based Business and Sustainable Job Opportunities”	23-24, May 2020	IQAC and Botany Department, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi.	
24.	Online International Symposium on “Biotechnological Potential of Mushroom: An Emerging Approach to Fight against COVID-19”	23 rd -24 th May, 2020	Sri Guru Tegh Bahadur Khalsa College, Jabalpur (M.P.)	
25.	Online International Symposium on “Role of Plants as Medicine and Immunity Booster with Special Reference to COVID-19 Pandemic	26 th -27 th May, 2020	Sri Guru Tegh Bahadur Khalsa College, Jabalpur (M.P.)	
26.	National Webinar on “E-Content Creation And E-Learning through MOOCs”	29- 30th May, 2020.	Barr. Balasaheb Khardekar Knowledge Resource Center and Department of Library and Information Science of Shivaji University, Kolhapur	

27.	National Level Virtual Conference On “Environment and Biodiversity for Sustainable Development”	4 th - 5 th June, 2020	Department of Chemistry, Botany & Zoology in association with IQAC, Raje Ramrao Mahavidyalaya, Jath - 416 404, Dist - Sangli, Maharashtra, India.	
28.	One day International Webinar on Current Perspectives of Microbial Diseases 2020	5 th June, 2020	IQAC and Department of Microbiology, Yashvantrao Chavan Institute of Science, Karad	
29.	Webinar on Biodiversity Conservation: Roles of Social, Legal and Financial Institutions	06/06/2020.	Internal Quality Assurance Cell (IQAC) and Somaiya Centre for Experiential Learning, K.J. Somaiya College of Science and Commerce, Mumbai	
30.	Webinar on “Eye Care in COVID-19 era and common eye diseases”	Tuesday, 9, June, 2020	Compfeeders Group of Institutions, Indore	
31.	Seven days International online seminar on “Natural Products for Health Management”	10 th to 16 th June 2020.	Department of Botany, Periyar University Constituent College of Arts and Science, Harur, Tharumapuri-636903, Tamil Nadu	
32.	Two Day International Symposium on “COVID-19 : Social Perspectives”	11-12 June 2020	GUJRANWALA GURU NANAK INSTITUTE OF MANAGEMENT &	

			TECHNOLOGY Ghumar Mandi, Ludhiana	
33.	National Webinar in Avenues in Plant Research	12-13 June, 2020	Tuljaram Chaturchand College, Baramati	
34.	Webinar on 'Facts and Opportunities in Digital Education'	13 th June 2020.	Department of Computer, V. P. Institute of Management Studies & Research, Sangli	
35.	One Day National Webinar on "Online Tools for Higher Education in Digital Era"	13 June, 2020	IQAC, Government First Grade College, Vijayapur, Karnataka	
36.	Role of NSS in the conservation of Environment and Biodiversity	19 th June, 2020	Lal Bahadur Shastri College of Arts, Science, Commerce, Satara	
37.	6 th International Yoga Day on "Yoga day session and Talk on Mind Management and Meditation"	21 June, 2020	Yoga Meditation, NCC and IQAC Dept., Raje Ramrao Mahavidyalaya, Jath	
38.	International Webinar on "COVID-19 Pandemic: Its Impact on Higher Education, Resurgence of E Learning and Future Prospects"	22 June, 2020	SSLNT Mahila Mahavidyalaya, Dhanbad (Jharkhand)	
39.	Two Day National Webinar on NAAC Standard Operating Procedures and Documentation organized	28 and 29 June 2020.	IQAC of Devchand College, Arjunnagar	
40.	Webinar (Online National Event) on "Socio-Cultural Uniqueness in India" as PARTICIPANT ONLY.	Friday, 10 July 2020	GOVERNMENT DEGREE COLLEGE PACHMOHANI,	

			SIDDHARTHANAGAR, UP, INDIA	
41.	“Spitting Free India Movement”	Jun-Aug., 2020	Sambandh Health Foundation, KBCNM University, Jalgaon and NSS Gov. of Maharashtra	
42.	Webinar on “Innovations in Health Care and Opportunities for their development”	17 July, 2020	SSM College of Pharmacy, Erode, T.N.	
43.	National e-Seminar on “Biodiversity of India: An Overview”	20 th July, 2020	D.P. Bhosale College, Koregaon	
44.	National Webinar on “Biodiversity and Community Involvement in its Conservation”	24 th July, 2020	Dapoli Urban Bank Senior Science College, Dapoli-Ratnagiri	
45.	New Plant Discoveries and their Implications	27 th July, 2020	Department of Botany and IQAC of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur Dist.- Ratnagiri	
46.	One Day National Webinar on “Recent Advances in Oil Science and Technology”	28 th July, 2020	Department of Botany Balwant College, Vita	
47.	National Webinar on "Career in IT”	Sunday, 02/08/2020	Department of BCA, IQAC of Raje Ramrao Mahavidyalaya, Jath – 416 404, Dist: Sangli & IANT Academy Pune, Maharashtra, India.	

48.	International Seminar on, “Impact of COVOD-19: Reimaging of Life Science”	24 Oct., 2020	Mahatma Gandhi Arts Science and Late N.P. Commerce College, Armori, Dist.- Gadchiroli	
49.	National webinar on “Plant Taxonomy and Ethnobotany in India-Future and Challenges”	4 th -6 th November, 2020	National Museum of Natural History (NMNH), New Delhi	
50.	National Webinar on “Applied Aspects of Life Science”	06th November 2020.	Department of Life Science K. J. Somaiya College of Arts, Commerce and Science Kopargaon, Dist: Ahmednagar 423601, (Maharashtra)	
51.	Teachers Training Program on “Climate Education and Green Campuses for a Safer Planet”.	16 th Sept. 2022.	jointly organized by Department of Botany & IQAC of Vivekanand College, Kolhapur (Autonomus) Climate Reality Project India	
52.	Instrument Handling Training for Insta NX MAG -16 Automated Nucleic Acid Extraction System	18 th October, 2022	Department of Biotechnology, Smt. Kasturbai Walchand College, Sangli.	HiMedia Laboratories Pvt. Ltd.
53.	Two Days National Conference on “Indian Democracy and Future”	5 th & 6 th May, 2022.	Department of Political Science of Raje Ramrao Mahavidyalaya, Jath	Indian Council of Social Science Research,

				WRC, Mumbai
54.	Workshop on “One Day Teachers workshop on NEP-2020 and Revised Syllabus in B. Sc. I Botany”	22 nd November, 2022	Jointly organized by Department of Botany & IQAC of The New College, Kolhapur.	Shivaji University, Kolhapur
55.	Two days Third International Conference on “Multidisciplinary Approach in Basic and Applied Sciences (MABAS-2023)	23 rd -24 th Feb., 2023	Padma Bhushan Dr. Vasandraodada Patil Mahavidyalaya, Tasgaon, Dist.- Sangli	

PARTICIPATION IN WORKSHOPS / TRAINING:

Sr. No.	Title and Date	Date	Organizers
1	Workshop On - “ Career Opportunities in Science Streams ”	23 rd Jan. 2007.	Raje Ramrao College, Jath. (Sangli)
2	Workshop On – “ Competitive Examinations ”	24 th Jan.2007.	P.D.V.P, College, Tasgaon (Sangli)
3	Workshop On - “ Aushadhi Vanaspati- Margadarshan Aani Pradarshan. ”		P.D.V.P, College, Tasgaon (Sangli)
4	Botany Teacher’s Meet - 2008.		P.D.V.P, College, Tasgaon (Sangli)

5	One day University Level Software Training Workshop on “NSS Web Portal-Avyukta”	3 rd , July, 2016.	Department of NSS, Shivaji University, Kolhapur and conducted by Department of Information Technology, KIT’s College of Engineering, Kolhapur
6	One week GIAN Programme on “Evolutionary Morphology of Land Plants”	18-25, August, 2016	Department of Botany, Shivaji University, Kolhapur and sponsored by MHRD, Govt. of India, Global Initiative Academic Network (GIAN) (IIT, Kharagpur)
7	One day workshop on “Competitive Examination Guidance”	20 th oct. 2016	Raje Ramrao Mahavidyalaya, Jath under Lead College Activity of Padmabhushan Vasantao Dada Patil Mahavidyalaya, Kavathe-Mahankal.
8	Three days online course on, “Biomedical Nanotechnology”	7 th -9 th May, 2020	Indian Academic Researchers Association, Tiruchiraalli T.N.
9	Online National Workshop on, “Creating Video Lectures using OBS Studio”	10 May,2020	Mahatma Phule Mahavidyalaya, Kingaon Tal. Ahmedpur, Dist.-Latur
10	One Day International Online workshop on “Nanomaterial Synthesis is emerging Facet of the world”	20 th May, 2020	Late Pushpadevi Patil Arts and Science College, Risod, Dist.-Washim
11	One day National Level (Online) Workshop on “Office Management and Stress Management”	26 May, 2020	Shivraj College of Arts, Commerce and D.S. Kadam Science College, Gadhinglaj
12	Science Leadership workshop	22-28 June,2020	Central University of Punjab, Bhatinda, Punjab

13	One Day online workshop on “Post Covid - Social and Educational view”	29 th June, 2020	NSS Department of Arts, Commerce and Science College, Palus.

QUIZZES ATTENDED

Sr. No.	Title	Date	Organized By
1	General Awareness Quiz on “Covid-19 Pandemic General Awareness Quiz”	9 th May 2020	Babasaheb Chitale Mahavidyalaya, Bhilawadi
2	MCQ Quiz	18 th April 2020	Smt. Meenalben Mehata College, Panchagani.
3	Online Quiz on “World Earth Day 2020”	22 nd April, 2020	Smt. Meenalben Mehata College, Panchagani.
4	Online Quiz on “World Earth Day 2020”		Rajarshee Shahu Science College, Chandur Rly.
5	Online Quiz on Traditional Medicines and Covid-19.	21 th May 2020	J. J. College of Arts and Science, Pudukkottai.
6	“Online Quiz on Women Empowerment in India”		P. D. V. P. College, Tasgoan.
7	Online “CORNA Awareness Quiz Program”	19 th April, 2020	Miraj Mahavidyalaya, Miraj
8	Online MCQ Quiz	1 st May, 2020	Smt. Meenalben Mehata College, Panchagani
9	“Celebrating International Biodiversity Day”	22 nd May 2020	P. D. V. P. College, Tasgoan.

10	“Covid -19 Awareness Quiz”		Arts and Commerce College, Nagthane
11	Quiz Competition	14 th May, 2020	Department of Botany, Arts, Commerce and Science College, Jawahar, Dist.-Palghar
12	“Covid -19 Pandemic General Awareness Quiz”	15 th May, 2020	IQAC, NSS and NCC Department, Shrimant Babasaheb Deshmukh Mahavidyalaya, Atpadi
13	Quiz on Ancient, Medieval and Modern History Syllabus	May, 2020	Department of History, Dr. (Sow) IBP Mahila Mahavidyalaya, Aurangabad
14	“Online Awareness Quiz Program about COVID-19”	16 th May, 2020	Rajarshi Chhatrapati Shahu College, Kolhapur
15	Quiz on Marathi Sahitya Samanya Dnyan	17 th May, 2020	Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur
16	International Level E-Quiz	7 th July, 2020	KLE Society’s Science and Commerce College, Kalamboli
17	Quiz on Marathi Sahitya Samanya Dnyan	5 th September, 2020	Maa. Shri Annasaheb Dange Arts, Commerce and Science Mahavidyalaya, Hatkanagle
18	English Grammar Test Series	5 December, 2020	Raje Ramrao Mahavidyalaya, Jath
19	Online “CORNA Awareness Program”		Digambarrao Bindu Arts, Commerce and Science College, Bhokar

CO-CURRICULAR ACTIVITIES:

- Delivered a lecture on – “**Scientists and their discoveries**” in police recruitment training at, P.D.V.P. College, Tasgaon
- Delivered a lecture on – “**Medicinal Plants**” in Krishi Sevak Training of Agriculture Dept. Govt. of Maharashtra at Seed Farm, Tasgaon on 17th Jan. 2007.
- Active participation in construction, development of “**Shade-Net-House**” and cultivation of medicinal plants sanctioned by UGC, New Delhi under COC-Medicinal Plants at P.D.V.P. College, Tasgaon.

- Organized one day workshop on – **“Aushadhi Vanaspati- Margadarshan Aani Pradarshan”**, under lead college activity at Dept. of Botany, P.D.V.P. College, Tasgaon.
- Communicated a research paper entitled- **“COMPARATIVE STUDIES ON FLORISTIC DIVERSITY OF FEW SACRED GROVES FROM ARID REGIONS OF SANGLI DISTRICT (MAHARASHTRA)”** Jadhav D.H., Lavate R.A. and Sathe S.S., on 18/03/2009 by e-mail to publish in a proceeding of National Conference on **“Biodiversity, Sustainable Development and Human Welfare”** held at Department of Botany Dr. P.R. Ghogrey Science College, Dhule. On 10th and 11th Jan.2009.
- Worked as coordinator in organizing one day workshop sponsored by Shivaji University, Kolhapur for B.Sc.-2 students on **“GLOBAL WARMING”** at P. D. V. P. College, Tasgaon on 30th Jan.,2010.
- Delivered a lecture on – **“Medicinal Plants”** Babasaheb Patil Highschool, Yelavi Tal-Palus, Dist. -Sangli on 31st Jan., 2010.
- Active participation in the development of college garden and cultivation and conservation of plants as a chairman of garden Committee R.R. College, Jath since 5/8/2010.
- Actively working as NSS Programme Officer.
- Actively participated as Working Chairman of **“Annual Prize Distribution Programme”** (2016-17).
- Active participation in the organization of NSS residential camp from 9-15, Jan. 2017 and 15-21 Jan. 2108 at Raje Ramrao Mahavidyalaya Campus, Jath Dist. Sangli and constructed a mini tank for water conservation, also participated in campus cleaning and Tree Plantation.
- Active participation in various college committees.
- Worked as Internal Sr. Supervisor of Shivaji University Examinations from 23 April-06 May, 2017 at Raje Ramrao Mahavidyalaya, Jath.
- Critically examined Ph.D. thesis entitled, **“Studies in The Bryophyte Diversity in Rajasthan”** submitted by Mr. Shiv Charan Sharma to Banasthali Vidyapith, Rajasthan. (30/08/2017).

- Worked as Internal Sr. Supervisor of Shivaji University Examinations from 06 – 17, November 2018 at Raje Ramrao Mahavidyalaya, Jath.
- Active participation in the development of college garden and cultivation and conservation of plants as a chairman of garden Committee R. R. College, Jath since 5/8/2010.
- Actively working as NSS Programme Officer (till June, 2019).
- Active participation in the development of college garden and cultivation and conservation of plants as a chairman of garden Committee R.R.College, Jath since 5/8/2010.
- Actively working as NSS Programme Officer.
- Actively participated as Working Chairman of “Annual Prize Distribution Programme” (2016-17).
- Active participation in the organization of NSS residential camp from 9-15, Jan. 2017 and 15-21 Jan. 2018 at Raje Ramrao Mahavidyalaya Campus, Jath Dist. Sangli and constructed a mini tank for water conservation, also participated in campus cleaning and Tree Plantation.
- Active participation in various college committees.
- Worked as Internal Sr. Supervisor of Shivaji University Examinations from 23 April-06 May, 2017 at Raje Ramrao Mahavidyalaya, Jath.
- Critically examined Ph.D. thesis entitled, “Studies in The Bryophyte Diversity in Rajasthan” submitted by Mr. Shiv Charan Sharma to Banasthali Vidyapith, Rajasthan. (30/08/2017).
- Worked as Internal Sr. Supervisor of Shivaji University Examinations from 06 – 17, November 2018 at Raje Ramrao Mahavidyalaya, Jath.
- Active participation in the organization of NSS residential camp from 2-8, Feb. 2019 of Raje Ramrao Mahavidyalaya Campus, Jath at Kosari.
- Active participation in various University and college committees.
- Worked as Convener of “National Conference on Environment and Biodiversity for Sustainable Development” organized by Department of Chemistry, Botany and Zoology, Raje Ramrao Mahavidyalaya, Jath on 4th -5th, June 2020.

- Evaluation of Ph.D. synopsis on the topic, “Ethnobotanical Significance and Phytochemical Analysis of Selected Quranic and Prophetic Plants” submitted by Ms. Rashmi Chandra who has applied for the Ph.D. in Biotechnology of the Banasthali Vidyapith, Banasthali.
- Evaluation of Ph.D. synopsis on the topic, “Evaluation of Phytochemicals and antioxidant activities of selected plants of family Fabaceae from District Tonk (Rajasthan)” submitted by Ms. Bhawana Sharma who has applied for the Ph.D. in Biotechnology of the Banasthali Vidyapith, Banasthali.
- Evaluation of ‘Online Drawing Competition on Role of Pharmacist in COVID-19 Pandemic organized by Rajarambapu College of Pharmacy, Kasegaon.
- Worked as Presiding Officer in Gram panchayat Election, Jath Tahsil on 15/01/2021 at Bhivargi.
 - Active participation in the Blood Donation Camp jointly organised by Pandharpur Blood Centre and NCC and NSS Department of Raje Ramrao Mahavidyalaya, Jath on 24th Nov., 2022.
 - Working as Ad hoc BOS member in Botany, to design the curriculum of skill based short term certificate course in Applied Botany Ramkrishna Paramhansa Mahavidyalaya, Osmanabad.
 - Celebrated National Wetland Day on 2nd February, 2021 by organizing webinar on “Role of Wetlands in the conservation of Herpetofauna” by Dr. Sajjan M.B.]
 - Worked as Presiding Officer in Gram panchayat Election, Jath Tahsil on 18/12/2022 at Shegaon.
 - Worked as Examiner for oral presentation of Life Sciences in Two Days “International Conference on Recent Trends in Pure and Applied Sciences” (ICRTPAS-2023) HELD ON 24th & 25th March, 2023 at organized by Smt. Kusumtai Rajarambapu Patil Kaya Mahavidyalaya, (ACS) Islampur.
 - Worked as Chairman and Examiner for oral presentation of Life Sciences in Two Days 3rd International Conference -2023 on,” Multidisciplinary Approach in Basic and Applied Sciences (MABAS-2023) jointly organised by Padma Bhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon with Knowledge Partner

‘Department of Biotechnology, Shivaji University, Kolhaour on 23rd and 24th February, 2023.’

- Active participation in the organization of NSS residential camp from 1-7, Feb. 2023 of Raje Ramrao Mahavidyalaya Campus, Jath at Khalati.
- Active participation in one-day workshop entitled, ” Frontiers in Life Sciences: Advancements in Life Sciences” held on Feb. 17, 2024 at Shrimant Babasaheb Deshmukh Mhavidyalaya, Atpadi.
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EXTRA –CURRICULAR ACTIVITIES:

- Active participation in Blood donation in NSS Camp at Manjarde Dist.-Sangli (2006-07)
- Active participation in Blood donation in NSS Camp at Savarde Dist. Sangli (2007-08)
- Active participation in State level NSS Camp at Akiwat, Dist. Kolhapur (2008-09)
- Active participation in NSS camp at Hatnur, Dist-Sangli (2008-2009)
- Active participation and Blood donation at P.D.V.P. College, Tasgaon (2008-2009)
- Active participation in NSS camp at Nehrunagar-Nimani, Dist.-Sangli.
- Delivered speech on “Competitive Examinations” in NSS Camp at Unthwadi Tal. Jath, on January, 2016.
- Delivered speech on “Personality Development” in NSS camp of Arts, Commerce and Science College, Umadi, at Balegaon Tal. Jath on 16th Feb. 2016.
- Delivered a speech as a chief guest of Farewell Function of B.Sc. III (Botany) students on Saturday, 18th March, 2017.
- Delivered speech on “Personality Development” in NSS camp at Raje Ramrao Mahavidyalaya, Jath, Tal. Jath on 19th Feb., 2018.
- Lecture on “Role of NSS in conservation of Water and Biodiversity” at ACS College, Umadi NSS Camp, Balegaon, 18th Jan., 2019
- Chief Guest ‘XII Science Best Wishes Function’ 15/2/2019

- Lecture on “History and Environment” Department of History, R. R. College, Jath on 16/2/2019.
- Delivered speech on ‘Paani Ek Jivan’ in NSS camp of ACS College, Umadi at Balgaon on 18th October, 2019.
- Delivered speech on “Paryavaran Sanrakshan: Kalachi Garaj” in NSS camp of Raje Ramrao Mahavidyalaya, Jath, at Banali on 18th Jan., 2020.
- Delivered speech in the workshop on “Paryavaran Sanrakshan: Kalachi Garaj” in Raje Ramrao Mahavidyalaya, Jath, under Lead College Activity on 7th Feb., 2020.
- Delivered speech on “Role of NSS in the conservation of Environment and Biodiversity” on 19th June, 2020 in online webinar organized by NSS, Deptment of Botany and IQAC, Lal Bahadur Shastri College of Arts, Science, Commerce, Satara.
- Delivered Speech on in the Webinar on “Biodiversity and its Conservation” (10th December, 2020) organized by IQAC, Department of Botany, and Zoology, R.P. Mahavidyalaya, Osmanabad.
- Worked as ‘Resource Person’ of Session III in online workshop on the revised syllabus of B.Sc. III, Botany (CBCS) Semester-VI (Paper XV & XVI) (18th Feb, 2021) organized by Department of Botany, Yashvantrao Chavan College of Science, Karad.
- Delivered speech on “Role of NSS in the conservation of Biodiversity” on 10th May, 2021 in online webinar organized by Department of Botany Smt. Minalben Maheta College, Panchgani.
- Delivered Speech in the Webinar on “Biodiversity” (22nd May, 2021) organized by on the occasion of International Biodiversity Day by Department of NSS, Bharati Vidyapeeth’s Institute of Management and Rural Development Administration, Sangli.
- Delivered Speech in the Webinar on “Biodiversity and Its Conservation” on 5th June, 2021 organized on the occasion of World Environment Day by Department of NSS, Bharati Vidyapeeth’s Abhijit Kadam Institute of Management and Social Sciences, Solapur.
- Delivered Speech in Online Lecture Series on COVID-19 on “Conservation of Biodiversity” on 18th June, 2021 organized by Department of NSS, Deshbhakt Anandrao Balwantrao Naik Arts & Science College, Yashwantnagar, Chikhali.

- Delivered speech and motivated students on the occasion of “Fairwell Function” held at Shri R.K. Patil Arts, Commerce and Science College, Sankh on 26th August, 2021.
- Delivered Speech and Motivated students as Resource Person on “Jath Sansthanatil Aitihāsik Sthale: Jatan Va Samvardhan” Jontly Organised by Jath Wachnalaya, Jath, Department of History and IQAC of Raje Ramrao Mahavidyalaya, Jath on 25th May, 2022.
- Delivered Speech and Motivated students as Resource Person in NSS residential camp of Raje Ramrao Mahavidyalaya, Jath on 28th March, 2022 at Banali
- Delivered speech and motivated students on the occasion Ten Day’s Student Orientation Programme on 6th Sept. 2022 organized by Student Development Cell and IQAC, Raje Ramrao Mahavidyalaya, Jath on 6th September, 2022.
- Delivered speech and motivated students on the occasion NSS Day on 24th Sept. 2022 organized by NNS Department, Shri Sampatrao Mane Mahavidyalaya, Khanapur.
- Delivered speech and motivated students on the occasion Opening Ceremony of “Cultural Department” held at Arts and Commerce and Science College, Umadi on 12th October, 2022.

AWARDS

- Best NSS Programme Officer Award for the year 2017-2018 (Sangli District Level Second) Prize by NSS Department, Shivaji University, Kolhapur.
- Best NSS Programme Officer Award for the year 2018-2019 (Sangli District Level Third prize) by NSS Department, Shivaji University, Kolhapur.