



Faculty Profile

❖ Personal information

Name of faculty : Dr Vishal Vasant Naik
Permanent address : 113/5, Meenakshi, Vidyanagar colony, Hanuman nagar road, Urun-Islampur, Tal. Walwa, Dist. Sangli- 415 409.
Email : vishal.naik@bharatividyaapeeth.edu
Mobile no. : +91 959 596 1196
Date of birth : 9th June, 1982
Designation : Assistant Professor (Botany)

❖ Educational Qualifications

Degree	Name of Board / University	Subject/s	Year of Passing
S.S.C.	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	Hindi, Marathi, English, Social science, Science, Mathematics	1998
H.S.C.	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	Physics, Chemistry, Biology, English, Geography	2000
B.Sc.	Shivaji University, Kolhapur	Botany	2004
M.Sc.	Shivaji University, Kolhapur	Botany (Marine Botany)	2006
M.Phil.	Shivaji University, Kolhapur	Botany (Plant Physiology)	2009
Ph.D.	Shivaji University, Kolhapur	Botany (Plant Stress Physiology)	2018

❖ Additional Qualifications

Name of Course	Name of Institute	Year of Passing
Alcohol Technology	Krishna Mahavidyalaya, Rethare Bk.	2004
MS-CIT	Maharashtra Knowledge Corporation Limited (MKCL)	2006
*PG DEPM	Shivaji University, Kolhapur	2008

*Post Graduate Diploma in Environment Protection and Management

❖ Teaching Experience

1. U. G. : 2 years
2. P. G. : 4 years

❖ Refresher course / Orientation course / FDP Completed

Sr. No.	Type of the course	Title of the course	Organised by	Duration	Grade obtained
1.	Refresher Course	“Managing Online Classes & Co- creating MOOCS 4.0”	Teaching Learning Centre, Ramanujan College, University of Delhi	11 - 26 March, 2021	A
2.	Induction Course	“Faculty in Universities /Colleges/Institutes of Higher Education”	Teaching Learning Centre, Ramanujan College, University of Delhi	19 November - 18 December, 2021	A
3.	Faculty Development Programme	“Teaching, Research and Innovation in India: A Biologist’s View”	Amity Institute of Biotechnology, Amity University, Kolkata	4 th to 8 th July, 2020	A

❖ Research Information

Sr. No.	Title of thesis / Project	Name of the Guide
1.	Ph.D. Thesis: “Nitrogen and Organic Acid Metabolism and Antioxidative Mechanism in <i>Portulaca oleracea</i> Linn. Under Stress Conditions.”	Prof. Dr. B. A. Karadge Retired Professor and Former Head, Dept. of Botany, Shivaji University, Kolhapur.
2.	M.Phil. Thesis: “Pathophysiological Studies in <i>Vitis vinifera</i> L. in Relation to Application of <i>Agave cantala</i> Roxb. Leaf Extract.”	Dr. S. P. Bartakke Retired Head, Dept. of Botany, Krishna Mahavidyalaya Rethare Bk.
3.	M.Sc. Project: “Water Quality Analysis of Two Konkan Estuaries (Achara and Kolamb).”	Prof. Dr. A. B. Sabale Dept. of Botany, Shivaji University, Kolhapur.

• Research Project

Sr. No.	Title of the project	Major / Minor	Funding agency	Scheme under which project sanctioned	Month and Year of sanction	Amount sanctioned (₹)
1.	Effect of Melatonin on Onion (<i>Allium Cepa</i> L.) Cultivars under Salinity Stress	Minor (Ongoing)	Shivaji University, Kolhapur	Research Initiation Scheme	July, 2022	1,50,000/-

• **Research Publications**

Sr. No.	Author/s	Title of research article	Title of Journal / Book	Year of Publication	ISSN / ISBN No.	Volume, issue and page number	Status of Journal / Book
1.	Vishal V. Naik , Amol V. Patil, and Baburao A. Karadge	Nitrogen and Organic Acid Metabolism in <i>Portulaca oleracea</i> L. Under Drought Stress	In Book: Plant Metabolites under Environmental Stress: Mechanisms, Responses, and Adaptation Strategies Pub. Apple Academic Press, USA	2021	9781774910948	-	International
2.	Pratik B. Kadlag, Shital S. Tambe, Sangita D. Jadhav and Vishal V. Naik	Ripening of Banana by Using Leaves of Different Plants	In Ebook: Compendium of Posters Presented at #NANOBIO20 International Twitter Conference	2020	978-93-5406-859-1	-	International
3.	Vijaykumar A. Patil and Vishal Vasant Naik	Texture profile analysis of Sonaka and Thompson seedless raisins	Journal of Postharvest Technology	2018	2348-4330	06(4): 75-81	International (UGC-CARE List 2019 to Present)
4.	Vishal V. Naik and Baburao A. Karadge	Effect of NaCl and Na ₂ SO ₄ salinities and light conditions on seed germination of purslane (<i>Portulaca oleracea</i> Linn.)	Journal of Plant Stress Physiology	2017	2455-0477	3: 1-4	International Peer-Reviewed
5.	Vishal V. Naik , Milind S. Bansode, Sharadkumar P. Bartakke	Foliar application of <i>Agave cantala</i> Roxb. leaf	World Journal of Pharmaceutical Research	2015	2277– 7105	4(10): 2039-2056	International Peer-Reviewed

		extract enhances antioxidative defense mechanism in grape (<i>Vitis vinifera</i> L.) leaves infected with downy mildew.					
6.	Vishal V. Naik, Baburao A. Karadge	Nitrogen metabolism in nitrophilous <i>Portulaca oleracea</i> Linn. under water stress	International Journal of Plant Biology and Research (In Special issue on Plant Stress Biology)	2015	2333-6668	3(2): 1031	International Peer-Reviewed
7.	Naik V. V., Aparadh V. T., Bartakke S. P.	Effects of Chemical Pesticides on Plants with Special Reference to Grapes (<i>Vitis vinifera</i> L.): A Review	In Book: Major Constrains and Verdict of Crop Productivity, 1st edition. Ed. Dr. U.N. Bhale, Pub. Astral International (P) Limited, New Delhi	2015	9789351305545	678-686	National
8.	Vishal V. Naik, Sharadkumar P. Bartakke.	Foliar application of <i>Agave cantala</i> Roxb. leaf extract enhances antioxidative defense mechanism in grape (<i>Vitis vinifera</i> L.) leaves infected with downy mildew.	In the Proceedings of National Conference on Biodiversity, Climatic Change and Sustainable Development	2015	978-93-5235-969-1	-	National
9.	Vishal V. Naik, Nirmala S. Patil, Vishal	Methodology in determination of oxalic acid	Journal of Global Trends in Pharmaceutical Sciences	2014	2230-7346	5(2): 1662-1672	International Peer-Reviewed

	T. Aparadh, Baburao A. Karadge	in plant tissue: a comparative approach.					
10.	Aparadh V. T., Naik V. V., Karadge B. A	Antioxidative properties (TPC, DPPH, FRAP, Metal Chelating Ability, Reducing Power and TAC) within some <i>Cleome</i> Species.	Annali Di Botanica	2012	0365-0812	2: 49-56	International: Scopus Indexed
11.	Aparadh Vishal T., Sonar Babu A., Kamble Vaishali S., Naik Vishal V., Pawar Umesh R.	Enzymatic studies in <i>Pimento dioica</i> (Linn.) Merril.	International Journal of Biological and Pharmaceutical Research	2012	0976-3651	3(4): 1-6.	International Peer-Reviewed
12.	Naik, V. V. and Bartakke, S. P.	Effect of <i>Agave cantala</i> leaf extract on downy mildew of grape	Bioinfolet	2009	0973-1431	6(3): 266-267	National: Web of Science Indexed
13.	Pawar U. R., Naik, V. V., Aparadh, V. T., Aitawade, M. M. and Sonar, B. A.	Water quality of two Konkan estuaries	Bioinfolet	2009	0973-1431	6(3): 266-267	National: Web of Science Indexed

• **Research Paper Presented at Academic Conferences and Seminars**

Sr. No.	Author/s	Title of paper presented	Title of conference / seminar	Organised by	Date	Mode of presentation
1.	Vishal V. Naik, Amol V. Patil, Vishal T. Aparadh,	Salinity tolerance of <i>Portulaca oleracea</i> L. is facilitated by enhanced oxalic acid	International E-Conference on "Current Approaches in Life Sciences for	Dept. of Botany, Rayat Shikshan Sanstha's Yashavantrao Chavan	18 th -19 th March, 2021	Online

	Baburao A. Karadge	synthesis	Sustainable Development” (ICCALSSD-2021)”	Institute of Science (Autonomous College), Satara		
2.	Pratik B. Kadlag, Shital S. Tambe, Sangita D. Jadhav and Vishal V. Naik	Ripening of Banana by Using Leaves of Different Plants	#NANO BIO20 International Twitter Conference	Dept. of Botany, The New College, Kolhapur	13 th -15 th April, 2020	Online
3.	Rahul S. Sawant, Vishal V. Naik and Chandrahas R. Patil	Pathophysiological studies in <i>Mucuna pruriens</i> (L.) DC. infected with <i>Uromyces mucunae</i> Rabenh.	National Conference on “Science and Technology for Sustainable Development”	Dept. of Botany, Jaysingpur College, Jaysingpur.	20 th January, 2019	Poster
4.	Ganesh P. Govilkar, Prajyoti K. Desai, Rahul S. Sawant, Vishal V. Naik and Chandrahas R. Patil	Diversity of Macrofungi in Shirol, Dist. Kolhapur.	National Conference on “Science and Technology for Sustainable Development”	Dept. of Botany, Jaysingpur College, Jaysingpur.	20 th January, 2019	Poster
5.	Avinash R. Gurav, Rahul S. Sawant, Vishal V. Naik and Chandrahas R. Patil	Diversity of Macrofungi in Vasagade, Dist. Sangli.	National Conference on “Science and Technology for Sustainable Development”	Dept. of Botany, Jaysingpur College, Jaysingpur.	20 th January, 2019	Poster
6.	Vishal V. Naik , Jagannath Y. Buchade and Baburao A. Karadge	Effect of NaCl and Na ₂ SO ₄ salinities and light conditions on seed germination of purslane (<i>Portulaca oleracea</i> Linn.).	National Conference on “Emerging Trends and Classics in Life Sciences”	Dept. of Botany, Yashwantrao Chavan Warana Mahavidyalaya, Warananagar.	28 th January, 2017	Oral
7.	Vishal V. Naik and Baburao A. Karadge	Changes in antioxidant levels in <i>Portulaca oleracea</i> Linn. subjected to NaCl-salinity stress	National Conference on “Plant Research and Resource Management” and 25 th APSI Silver Jubilee Scientists Meet 2016	Tuljaram Chaturchand College, Baramati.	11 th - 13 th February, 2016.	Poster

8.	Vishal V. Naik and Sharadkumar P. Bartakke	Foliar application of <i>Agave cantala</i> Roxb. Leaf extract enhances antioxidative defense mechanism in grape (<i>Vitis vinifera</i> L.) leaves infected with downy mildew.	National Conference on “Biodiversity, Climatic Change and Sustainable Development”	Department of Zoology, Krantisinh Nana Patil College, Walwe.	29 th - 30 th August, 2015.	Oral
9.	Vishal V. Naik and B. A. Karadge	Nitrogen metabolism and protein profile of leaves of <i>Portulaca oleracea</i> Linn. grown under water stress	“XII Conference of Society of Cytologists and Geneticists and National Symposium on Challenges for Biologists in 21st Century”	Department of Botany, Shivaji University, Kolhapur	22 nd - 24 th December, 2014	Poster
10.	Mane N. B., Khilare C. J., Namdas D. D., Naik V. V. , Aparadh V. T.	Comparative phytochemical variation in different parts of Ashwagandha.	National Conference on “Recent Trends in Botany”	Dept. of Botany, Yashwantrao Chavan Institute of Science, Satara	18 th - 19 th January, 2013.	Poster
11.	N. S. Patil, V. V. Naik , J. Y. Buchade, B. A, Karadge.	Antioxidant activity in the leaves of <i>Portulaca oleracea</i> Linn	National Seminar on “Medicinal Plants: Status and Future”	Dept. of Botany, Shivaji University, Kolhapur	6 - 7 th November, 2012.	Oral
12.	V. V. Naik and S. P. Bartakke	Effect of <i>Agave cantala</i> Roxb. Leaf extract on Grape (<i>Vitis vinifera</i> Linn.) infected with downy mildew	National Seminar “In The Role of Care- Takers of Biosphere”	Dept. of Botany, VPASCC, Baramati	14 th - 16 th February, 2008	Poster

• **Conferences / Seminars Attended**

Sr. No.	Name of the conference / seminar / symposium	Organized by	Date	Status
1.	“Environment Sustainability and Teaching Tools in COVID-19 Scenario”	Jagdamba College of Engineering and Technology, Yavatmal	19 th and 20 th May, 2020	International
2.	“Natural Products for Health Management”	Department of Botany, Periyar University Constituent	10 th to 16 th June 2020.	International

		College of Arts and Science, Harur, Dharmapuri-636903, Tamil Nadu.		
3.	“One Day Online Workshop on the Revised Syllabus of B.Sc.-III, Botany (CBCS) Paper XI and XII”	Department of Botany, R. B. Madkholkar Mahavidyalaya , Chandgad	9 th February, 2021	University
4.	“AQAR and Academic and Administrative Audit in Revised Assessment and Accreditation Framework”	D. K. A. S. C. College, Ichalkaranji	28 th December, 2018	State
5.	One day seminar on “Plant Diversity conservation”	Dept. of Botany, Shivaji University, Kolhapur	25 th June, 2013	University
6.	“Medicinal Plants: Status and Future”	Dept. of Botany, Shivaji University, Kolhapur	6 th & 7 th November, 2012	University
7.	UGC-SAP sponsored National Symposium on “Recent Trends in Life Sciences (RTLS-2011)”	Dept. of Biochemistry, Shivaji University, Kolhapur.	4 th & 5 th March, 2011	National
8.	“Eco-Sensitive Zone and Local Development”	Prof. N. D. Patil Mahavidyalaya, Malkapur	13 th January, 2011	State
9.	“Frontiers of Plant Sciences for Sustainable Agriculture and Rural Development”	Dept. of Botany, Arts, Science and Commerce college, Naladurg.	28 th & 29 th January, 2011.	National
10.	33rd Conference of Indian Botanical Society and International Symposium on “The New Horizons of Botany”	Dept. of Botany, Shivaji University, Kolhapur.	10 th - 12 th November, 2010.	International
11.	National Seminar on “The Wetlands”	Dept. of Botany, Shivaji University, Kolhapur.	2 nd February, 2005.	University

• **Workshops Attended**


Sr. No.	Title of the workshop	Conducted by	Date	Status
1.	‘Research Methodology’	Department of Physics and IQAC of Bharati Vidyapeeth’s Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon	28 th June, 2022	University

2.	“Flower Arrangement”	Dept. of Botany, Bharati Vidyapeeth’s Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon	22 nd April, 2022.	University
3.	Science Academies’ Science Leadership Workshop	Central University of Punjab, Bathinda	22 nd to 28 th June, 2020	National
4.	“Nanomaterial Synthesis is Emerging Facet of the World”	Late Pushpadevi Patil Arts and Science College Risod Dist. Washim	20 th May, 2020	International
5.	“NAAC: Revised Assessment and Accreditation Framework”	RUSA and IQAC, J. M. Patel Arts, Commerce and Science College, Bhandara	18 th June, 2020	National
6.	“Detection of Food Adulteration”	Department of Botany, D. K. A. S. C. College, Ichalkaranji under Lead College Scheme	16 th January, 2019	University
7.	Teachers Training Workshop on “Understanding Climate Change & Sustainable Development Goals For Safer Planet and a Sustainable Future”	D. K. A. S. C. College, Ichalkaranji	10 th January, 2019	State
8.	Science Academies’ Lecture Workshop on “Systematics, Conservation and Sustainable Development”	Dept. of Botany, Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur	26 th and 27 th December, 2018	National
9.	A Workshop on “Teaching and Learning Skills in Plant Physiology and Biochemistry”	Teaching Learning Center, Department of Botany, Savitribai Phule Pune University, Pune	3 rd and 4 th March, 2018	National
10.	Science Academies’ Lecture Workshop on “Plant Sciences: Challenges and Opportunities”	Dept. of Botany, The New College, Kolhapur	19 th and 20 th December, 2017	National
11.	“Frame Mural Bonsai”	Gardens Club, Kolhapur and Kolhapur Bonsai Club	16 th September, 2017	State
12.	“Regional Medicinal Plants, Their Conservation and Sustainable Use”	Dept. of Botany, Shivaji University, Kolhapur	18 th March, 2017	University

13.	GIAN programme on “Evolutionary Morphology of Land Plants”	Dept. of Botany, Shivaji University, Kolhapur	18 th - 25 th , August, 2016	National
14.	“Tools and Techniques in Molecular Systematics / Phylogenetics”	Dept. of Botany, Shivaji University, Kolhapur	8 th to 10 th November, 2012	University
15.	DST-PURSE sponsored workshop on “Plants of Medicinal Potential from Western Ghats and Pharmaceutics”	Dept. of Botany, Shivaji University, Kolhapur	22 nd March, 2012	University
16.	“Research Methodology and Quantitative Techniques”	Dept. of Commerce and Management, Shivaji University, Kolhapur	10 th & 11 th December, 2011	National

• Google Scholar Information

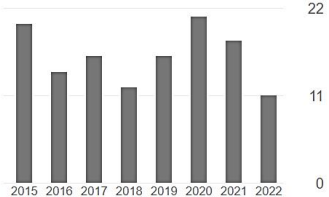
Google Scholar

 **Dr Vishal Vasant Naik**
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 Plant Stress Physiology an...

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i10-index	2	2



TITLE	CITED BY	YEAR
ANTIOXIDATIVE PROPERTIES (TPC, DPPH, FRAP, METAL CHELATING ABILITY, REDUCING POWER AND TAC) WITHIN SOME CLEOME SPECIES VT Aparadh, VV Naik, BA Karadge Annali di Botanica 2, 49-56	86	2012
METHODOLOGY IN DETERMINATION OF OXALIC ACID IN PLANT TISSUE: A COMPARATIVE APPROACH VV Naik, NS Patil, VT Aparadh, BA Karadge Journal of Global Trends in Pharmaceutical Sciences 5 (2), 1662-1672	34	2014
Effect of NaCl and Na2SO4 salinities and light conditions on seed germination of purslane (Portulaca oleracea Linn.)	7	2017

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• Short Term Courses Attended

Sr. No.	Title of Course	Organised by	Date	Status
1.	E-Short Term Course (Teaching, Learning and Evaluation in Botany)	Sahyadri Botanical Society, Kolhapur and Doodhsakhar Mahavidyalaya, Bidri	12 th to 17 th May, 2020	State

• Academic Membership

1. Convenor of Science Association
2. Convenor of SWAYAM Committee
3. Member of Botanical and College Garden Maintenance Committee
4. Member of Nature Club

- **Shivaji University Examination Duties**

1. Paper Setter for B. Sc. I Botany
2. Examiner for B. Sc. II Botany Practical Examination
3. Junior supervisor for University Examinations

- **Member of organising committees**

1. Member of DBT-STAR College Proposal Committee
2. Member of NAAC Criteria II- Teaching, Learning and Evaluation
3. Member of Flower Arrangement Workshop
4. Member of Registration Committee for Workshop on Research Methodology

(Dr Vishal Vasant Naik)