

CURRICULUM VITA

- 1) Name : Dr. Mrs. Rupali Dinesh Chitale
2) Educational Qualification : M.Sc., B.Ed., Ph. D.
3) Present Designation : Associate Professor
4) Date of Birth : 21/08/1973
5) Contact No. : 9763020547
6) Email ID : rd.chitale@gmail.com
7) Date of Appointment : 02/09/2013
8) Teaching Experience : 24 Years
9) Date of joining in present college: 02/09/2013

10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1.	S.S.C.	Aurangabad Board	1989	Mar., Eng., Math., Sci., Social Sci.	I
2.	H.S.C.	Aurangabad Board	1991	Biology, Chemistry, Physics	II
3.	B. Sc.	Dr. B.A.M.U. Aurangabad	1994	Botany, Chemistry, Microbiology	II
4.	M.Sc.	Dr. B.A.M.U. Aurangabad	1996	Botany	I
5.	B. Ed.	Nagpur University, Nagpur	2000	Science	I
6.	Ph. D.	University of Pune, Pune	2010	Botany	-

11) Total Research Publications :

a. M.Phil. / Ph.D./Research

Sr. No.	M.Phil./ Ph. D. Thesis Title	Name of The Univ.	Year of award	Name of Guide
1.	Role of oxygenated peptone in improving the productivity of brinjal (<i>Solanum melongena</i> L. cv. Ajay)	University of Pune, Pune	2010	Dr. Neelam Patil

b. Book: 01

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
1.	Soil Application of Oxygenated Peptone	2011	978-3-8454-2356-2	LAMBERT Academic Publishing, Germany

c. Chapter in Book: Nil

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher

d. Research Paper: 33

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISBN	UGC. No./Impact Factor/ Citation Details
1.	Role of oxygenated peptone in enhancing germination of tomato, brinjal and chilli	<i>Indian J. Plant Physiol.</i>	Aug., 2008	0019-5502	-
2.	Soil amendment using oxygenated peptone for quantitative and qualitative enhancement in the yield of organically grown brinjal	<i>Indian J. Plant Physiol.</i>	July, 2009	0019-5502	-
3.	Soil application of oxygenated peptone for improvement in vegetative growth of organically grown brinjal and chilli	<i>Ad. Plant Sci.</i>	Sept., 2010	0970-3586	IMF. 2.7
4.	Influence of oxygenated peptone on biochemical constituents and oxidative enzymes of organically grown brinjal and chilli.	<i>Ad. Plant Sci.</i>	Sept., 2010	0970-3586	IMF 2.7
5.	Evaluation of influence of oxygenated peptone on microbial population in rhizosphere soil of brinjal (<i>Solanum melongena</i> L. cv. Ajay)	<i>J. Phytol. Res.</i>	Sept., 2010	0970-5767	-
6.	Photosynthesis as influenced by soil application of oxygenated peptone in organically grown brinjal (<i>Solanum melongena</i> L. cv. Ajay)	<i>J. Phytol. Res.</i>	June, 2011	0970-5767	-
7.	Influence of soil conditioning using oxygenated peptone on rhizosphere soil of organically grown brinjal (<i>Solanum melongena</i> L. cv. Ajay)	<i>Geobios</i>	July, 2012	0251-1223	IMF 1.2
8.	Influence of pre-soaking treatment of some cereals, pulses and oil crops.	<i>Geobios</i>	July, 2012	0251-1223	IMF 1.2
9.	Seed Priming using Alfa-Alfa	<i>Ad. Plant Sc.</i>	June, 2014	0970-3586	IMF 2.7
10.	Seasonal Variations of proline content in <i>Pentatropis nivalis</i> Wight & Arn growing in man-	In Proceedings of International Conference on Plant	Jan., 2016	978-81-924850-2-7	-

	made salt affected soils from Baramati Tahsil (M.S.) India.	Research and Resource Management			
11.	Effect of panchagavya on seed germination and seedling growth of chilli (<i>Capsicum annum</i> L. cv. Jwala)	<i>Ad. Plant Sci.</i>	June, 2016	0970-3586	IMF 2.7
12.	Seasonal changes in trace elements in <i>Pentatropis nivalis</i> J. F. Gmel (Field and Wood) growing in secondary saline habitats from Baramati Tahasil (M.S.) India.	<i>Ad. Plant Sci.</i>	June, 2017	0970-3586	IMF 2.7
13.	Accumulation of free amino acid in <i>Pentatropis nivalis</i> (J. F. Gmel) Field and Wood growing on secondary salinized soils of Baramati Tehsil (M.S.) India	<i>Ad. Plant Sci.</i>	June, 2017	0970-3586	IMF 2.7
14.	Seasonal changes in concentrations of carbohydrates in <i>Pentatropis nivalis</i> Wight & Arn, succulent halophyte growing in secondary salt-affected soil from Baramati Tehasil (M.S.) India	<i>International Journal for Science and Advanced Research in Technology (IJSART)</i> , Ahmadabad	March, 2018	2395-1052	IMF 4.28
15.	Studies on Post-Harvest Fungal Pathogens of Papaya Fruits (<i>Carica papaya</i> L.)	<i>International Journal of Current Microbiology and Applied Sciences</i>	Aug., 2019	2319-7706	IMF 0.16
16.	Powdery Mildew Fungi from Phaltan Area of Satara District, Maharashtra.	<i>International Journal of Current Microbiology and Applied Sciences</i>	Aug., 2019	2319-7706	IMF 0.16
17.	Potential use of <i>Parthenium</i> (<i>Parthenium hysterophorus</i> L.) as compost	<i>Eco. Env. & Cons</i>	April, 2020	0971-765X	IMF 0.12
18.	Effect of vermicompost and <i>Parthenium</i> compost on growth and yield of Brinjal (<i>Solanum melongena</i> L. cv. Panchganga)	<i>Eco. Env. & Cons</i>	April, 2020	0971-765X	IMF 0.12
19.	Comparison of accumulation of organic and inorganic osmolyte in <i>Trianthema portulacastrum</i> L. growing in saline and non-saline habitats	<i>Eco. Env. & Cons</i>	April, 2020	0971-765X	IMF 0.12
20.	Study of Freshwater Algae from Baramati City Area, District Pune.	<i>International Journal of Current Microbiology and Applied Sciences</i>	Oct., 2020	2319-7706	IMF 0.16
21.	Isolation and Identification of Aeromycoflora in Banana Field from Baramati Area Dist. Pune, Maharashtra, India	<i>Journal of Plant Science and Research</i>	Dec., 2020	2349-2805	-
22.	A survey of some medicinally	<i>International</i>	July, 2021	2455-	IMF 5.12

	important plants of the family euphorbiaceae from Baramati area of Pune district of Maharashtra, India	<i>Journal of Botany Studies</i>		541X	
23.	The study of Rhizobium, Azotobactor bio-fertilizer effect on <i>Zea mays</i> and <i>Vigna 4adiate</i> .	<i>International Journal of Botany Studies</i>	July, 2021	2455-541X	IMF 5.12
24.	Study of agriculturally important crop diseases from Baramati Tehsil of Pune district, Maharashtra, India	<i>International Journal of Botany Studies</i>	Aug., 2021	2455-541X	IMF 5.12
25.	A survey of medicinally important plants from 32-Shirala tehsil district Sangali, Maharashtra, India	<i>International Journal of Botany Studies</i>	Aug., 2021	2455-541X	IMF 5.12
26.	Studies on industrial waste water fungi from Baramati MIDC area, district Pune, Maharashtra, India	<i>International Journal of Ecology and Environmental Sciences</i>	August, 2022	2664-7133	IMF 8
27.	<i>Parthenium hysterophorus</i> as a Biocompost	<i>International Journal of Novel Research and Development (IJNRD)</i> ,	April, 2023	2456-4184	-
28.	Floristic survey of Dicotyledonous Plants in Vadapuri Village from Indapur Tehsil, Dist. Pune, Maharashtra, India	<i>International Journal of Research in Academic World (IJRAW)</i>	August, 2023	2583-1615	IMF 6.0
29.	Studies on a Floristic survey of Monocotyledonous Plants in Surwad and Surrounding Village from Tehsil Indapur, Dist. Pune, Maharashtra, India	<i>International Journal of Research in Academic World (IJRAW)</i>	August, 2023	2583-1615	IMF 6.0
30.	Studies on Rhizosphere soil fungi of pomegranates (<i>Punica Granatum</i> L.) from Ranzani Gaon of Madha Tahsil, Solapur District	<i>International Journal of Research in Academic World (IJRAW)</i>	Sept., 2023	2583-1615	IMF 6.0
31.	Isolation, Identification & Characterization of <i>Rhizobium</i> sp. from <i>Arachis hypogaea</i> L. (Groundnut)	<i>International Journal of Research in Academic World (IJRAW)</i>	March, 2024	2583-1615	IMF 6.0
32.	Studies on soil algae from Sugarcane crop field of Tehsil Indapur, Dist. Pune, Maharashtra	<i>International Journal of Innovative Research in Technology (IJRIT)</i>	April 2025	2349-6002	IMF 8.0
33.	Effect of Panchgavya on seed germination and seedling growth of Chilli	<i>Eco. Env. & Cons.</i>	April 2025	0971-765X	IMF 0.120

e. Research Project:

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1.	SPPU, Pune	Studies on potential use of <i>Parthenium hysterophorus</i> L. as a biofertilizer'	2,00,000/-	June, 2016	2016 to 2018	Completed

f. Papers presented in Seminar / Conference: 17

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1.	National Seminar on Integrated Crop Disease Management for sustainable Agriculture	Studies on use of Panchgavya on qualitative and quantitative yield of chilli (<i>Capsicum annum</i> L.).	26-27 th Feb. 1996	National	Dr. B.A.M.U. Aurangabad
2.	National Seminar on Changing Biodiversity Scenario in India	Soil conditioning with oxygenated peptone	14 - 15 July, 2008	National	Deogiri College, Aurangabad
3.	National Seminar on Changing Role of Plant Sciences in Biotechnology and Bioprospecting	Influence of oxygenated peptone on soil micro-climate and root system of brinjal (<i>Solanum melongena</i> L.) and chilli (<i>Capsicum annum</i> L.) under organic farming conditions	20 - 21 September, 2008	National	Science College, Nanded
4.	International Congress on Bioprocesses in Food Industries	Rhizosphere of brinjal as influenced by oxygenated peptone	6 - 8 November, 2008	International	Oosmania University, Hyderabad
5.	National Conference on Perspectives and Present Scenario in Plant Science Research	Soil amendment using oxygenated peptone for quantitative and qualitative enhancement in the yield of organically grown brinjal (<i>Solanum melongena</i> L. cv. Ajay).	20 - 21 November, 2008	National	Institute of Science, Mumbai
6.	National Conference on Frontiers in Life Sciences	Influence of soil application of oxygenated peptone on microbial population in	11 - 13 January, 2011	National	Sharadabai Pawar Mahavidyalaya, Baramati, Dist.

		rhizosphere soil of brinjal (<i>Solanum melongena</i> L. cv. Ajay) under organic farming conditions			Pune
7.	National Conference on Recent Trends in Plant Sciences	Comparison of pre-sowing soaking treatment of gibberellic acid and oxygenated peptone on germination parameters in brinjal (<i>Solanum melongena</i> L. cv. Ajay)	3 - 5 February, 2012	National	Tuljaram Chaturchand College, Baramati, Dist. Pune
8.	International Conference on Plant Research and Resource Management.	Potential use of Parthenium (<i>Parthenium hysterophorus</i> L.) as compost.	11 - 13 February, 2016	International	Tuljaram Chaturchand College, Baramati, Dist. Pune
9.	National conference on Recent trends in Physical, Chemical and Biosciences	Effect of panchgavya on seedling growth in chilli (<i>Capsicum annum</i> L. cv. Jwala).	16 - 17 December, 2016	National	Vidya Pratishthan's Arts, Science and Commerce College, Baramati. Dist. Pune
10.	One-day National Conference on Recent Trends in Botany	Potential use of <i>Parthenium hysterophorus</i> L. as a Biofertilizer	30 December, 2017	National	Kisan Veer Mahavidyalaya, Wai
11.	Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development	Effect of Urea, Vermicompost and <i>Parthenium</i> compost on growth and yield of brinjal (<i>Solanum melongena</i> L. cv. Panchganga)	05 - 06 January, 2018	National	Department of Botany, Biotechnology and IQAC, Yashvantrao Chavan Institute of Science, Satara
12.	Emerging and Innovative Trends in Life Sciences	Isolation of fresh water algae and commercial utilization.	17 - 18 February, 2020	State	E. S. Divekar College, Varvand
13.	International Conference on Microbes for Sustainable Agriculture, Animal Husbandry and Environment	Preparation and formulation of Panchgavya	3 - 4 February, 2023	International	KBP Mahavidyalaya, Pandharpur
14.	National Conference on Research in the Life Sciences with special	Effect of Panchgavya on seed germination in chilli	2 - 3 February, 2024	National	SPMC, Sharadanagr, Baramati

	emphasis on Medicinal Plants				
15.	Biotechnology for better tomorrow	Effect of panchgavya on vegetative growth of chilli	16 - 17 May, 2024	International	National Research University, Taskent, Uzbekistan
16.	Role of Fungi in Sustainable Development from Exploration to Application	Effect of Panchgavya on rhizosphere soil of chilli	23-25 October, 2024	International	Dept. of Botany, SPPU, Pune
17.	International Conference on Agriculture, Environment and Life Sciences	Effect of Panchgavya on photosynthesis in chilli	21-22 February, 2025	International	Yeshvantrao Chavan Institute of Science, Satara

g. Patents published/Register: 01

Patent for design – Pot for cooling of water

Date : 17/02/2024 Design No. 407844-001

12) Research Guidance:

a) Guide ship Details

Sr. No.	M.Phil./ Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1.	Ph.D. Guide	SPPU, Pune	24/06/2021	-	05

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1.	Miss Nilam Ujjwalkumar Bansode	SPPU, Pune	29/03/2022	Studies on identification of some grasses having potential as a fodder from Malshiras Tehsil, Maharashtra
2.	Miss Vrushali J. Vibhute	SPPU, Pune	29/03/2022	Studies on effect of <i>Parthenium</i> compost on growth and yield of brinjal (<i>Solanum melongena</i> L.)
3.	Miss Bhosale Anuradha Kisan	SPPU, Pune	29/03/2022	Study of impact of some environmental parameters on airborne fungal spore germination and its relevance to disease incidence from Baramati Tehsil, Maharashtra
4.	Miss Ashwini B. Dudhal	SPPU, Pune	29/03/2022	Studies on use of Panchgavya on qualitative and quantitative yield of chilli (<i>Capsicum annum</i> L.).

5.	Miss Jagtap Ashvini Jalindar	SPPU, Pune	29/03/2022	Study of crop fields with reference to Algae from Indapur Tehsil, Dist. Pune.
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13) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1	National Women Empowerment Excellence Award - 2025	Dr. Ambedkar Academy, Nepania Busty, Darjeeling District, West Bengal	02/11/2025

14) E-Content Development:

Sr. No.	Title of Content	Level (UG/ PG / ALL)	Platform	Link of E-Content
1.	Life cycle of <i>Cycas</i> I	UG	YouTube	https://www.youtube.com/watch?v=rHGMmxnuYyo
2.	Life cycle of <i>Cycas</i> II	UG	YouTube	https://www.youtube.com/watch?v=LbpkEapadiU
3.	Life cycle of <i>Cycas</i> III	UG	YouTube	https://youtu.be/SzBgtPzvDII
4.	Plant identification with help of flora	UG	YouTube	https://www.youtube.com/watch?v=altxIP19-Zw
5.	QR Code System	UG	YouTube	https://www.youtube.com/watch?v=GIji8P4vauA
6.	Study of Lichen	UG	YouTube	https://www.youtube.com/watch?v=nApYOxkyJc4
7.	Study of <i>Rhizopus</i>	UG	YouTube	https://www.youtube.com/watch?v=jSIRMwqc-w0
8.	Study of fossils	UG	YouTube	https://www.youtube.com/watch?v=qsXk_SSEOqc
9.	Life cycle of <i>Spirogyra</i>	UG	YouTube	https://www.youtube.com/watch?v=94fltRh7Qo
10.	Life cycle of <i>Spirogyra</i>	UG	YouTube	https://www.youtube.com/watch?v=ALgym-NgRo8
11.	Life cycle of <i>Spirogyra</i>	UG	YouTube	https://www.youtube.com/watch?v=ePXKE2WBJEk
12.	Life cycle of <i>Spirogyra</i>	UG	YouTube	https://www.youtube.com/watch?v=6U-FSdxybHI
13.	Life cycle of <i>Gnetum</i>	UG	YouTube	https://www.youtube.com/watch?v=I6O1NAuZWLI

14.	Life cycle of <i>Gnetum</i>	UG	YouTube	https://www.youtube.com/watch?v=gK-rPDIZvKU
15.	Life cycle of <i>Gnetum</i>	UG	YouTube	https://www.youtube.com/watch?v=VdK5oC50MEs
16.	Life cycle of <i>Gnetum</i>	UG	YouTube	https://www.youtube.com/watch?v=0eefo3MB0Bw
17.	Life cycle of <i>Gnetum</i>	UG	YouTube	https://www.youtube.com/watch?v=ZjMIhjFV9co
18.	Scope of Embryology	UG	YouTube	https://www.youtube.com/watch?v=UIZeh2SsQX8
19.	Biofertilizers	UG	YouTube	https://www.youtube.com/watch?v=7k-xLX2F924
20.	Causes of evolutionary success of Angiosperms	UG	YouTube	https://www.youtube.com/watch?v=jq784kcJuTw
21.	Plant Diversity - Introduction	UG	YouTube	https://www.youtube.com/watch?v=CRu_4dk4od8
22.	Plant Kingdom	UG	YouTube	https://www.youtube.com/watch?v=GjdNYeSdx-c
23.	Genetics - Introduction	UG	YouTube	https://www.youtube.com/watch?v=NZe10vyAn48
24.	Factors for development	PG	YouTube	https://www.youtube.com/watch?v=NU1OzR2rIkQ
25.	Polarity and Symmetry	PG	YouTube	https://www.youtube.com/watch?v=GSKTD2MBsIk
26.	Premordium development and Transition	PG	YouTube	https://www.youtube.com/watch?v=zU4QVOErfak

15) Work Experience on Academic Bodies and other: Nil

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details

16) Life Membership of Profession Bodies: Nil

Sr. No.	Name of Professional Body

17) Any other Attainment: Nil