

CURRICULUM-VITAE

1.	Name	Dr. Sarika Dipk Patil.			
2.	Mother's name	Suvarna Sadashiv Patil.			
	Father's name	Sadashiv Yashavant Patil.			
3.	Date of birth and age	DOB: 24 th Dec., 1986 Age: 37 years			
4.	Gender	Female			
5.	Address for correspondence	Sarpanch colony, Kale Tal. Panhala, Dist. Kolhapur			
6.	Mobile no.	+91 7385021385/9049433800			
7.	Email	sarikapatilbotany@gmail.com			
8.	Caste and category	Hindu Maratha (Open) [Non-creamy layer]			
9.	Marital status	Married (Number of children: 01)			
10.	Languages can read & talk	Marathi, Hindi and English			
11.	Educational qualifications				
	Name of the Exam passed	Name of Board / University	Class / Division	Percentage	Year of passing
	S. S. C.	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	B+	58.53	2002
	H. S. C.	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	Second	41.50	2004

B. Sc.	Shivaji University, Kolhapur	B ⁺	55.68	2008
M. Sc. (Botany)	Shivaji University, Kolhapur	B ⁺	57.92	2010
Ph. D.	Shivaji University, Kolhapur	B ⁺	-	2017

- **Title of Ph. D. Thesis:** “Study of ultraviolet-B induced defence systems in a medicinal plant *Simarouba glauca DC.*” **Guide: Prof. Dr. D.K.GAIKWAD**, Professor and Former Head of Dept. of Botany, Shivaji University, Kolhapur.
- **Title of Post Graduate Project:** “Effect of different plant growth regulators on the plant growth and development.”

- **Additional qualifications**

- Certified course in information technology(CCIT): 85%

Details of experience

☑ **Research**

- Six years of research experience in Plant Stress Physiology for Ph. D.
- Research skills: Handling and Working experience with UV-VIS Double Beam Spectrophotometer and Gel Electrophoresis for proteins.

12. ☑ **Teaching –**

Total experience of teaching as an Assistant Professor in Swami Vivekanand Shikshan santha-10 years

- Two years** teaching experience in Swami Vivekanad Shikshan Sanstha under PG level at Dept. of Botany, D. K. A. S. C. College, Ichalkaranji. 2017-18 ,2018-19
- One years** of teaching experience at PG level at Dept. of Botany, Shivaji University, Kolhapur. 2012-13.

	<p>iii. Eight years in Swami Vivekanad Shikshan Sanstha under UG level worked as an Assistant Professor (C.H.B.) for 2010-11,2011-12,2012-13,2019-20,2020-21,2021-22,2022-23,till today at VivekanandCollege,Kolhapur at UG level.</p> <p>iv. Three years In Agri Polytechnic (Rahuri University), Kale as a Lecturer from 2013-14, 2014-15 and 2015-2016.</p> <p>v. Three years in Swami Vivekananda Jr. College, Kale as a Lecturer from 2013-14, 2014-15 and 2015-2016.</p> <p>vi. Nine years experience of working as Kendra Pramukh of YCM study centre of Swami Vivekananda Junior College, Kale Dist.Kolhapur.</p> <p>vii. Ten years experience working as Principal in Bachelor of Arts College,Kale</p> <p>*Number of students guided for research projects at UG level: 06</p> <p>* Number of students guided for research projects at PG level: 15</p>
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13.	<p>Participation in academic programs and committees:</p> <ul style="list-style-type: none"> • Organizer of exhibition of “Fungi Wealth of Kolhapur District” at Dept. of Botany, D. K. A. S. C. College, Ichalkaranji on 28th February, 2019. • Member of National Advisory Committee of UGC sponsored national conference on Aquatic Biodiversity NCAB-2018 organized by Department of Botany, Yashvantrao chavan Mahavidyalaya, Tuljapur on 19-20 Jan 2018. • Participated As a “Chief Guest of Felicitation ceremony” of Blossom Pre-Primary School and Paramount Primary Eng. Medium School on 27th Dec.2018. • Member of committee for NAAC (3rd Cycle: 2017-18) Criterion V: Student Mentoring and Progression for Dept. of Botany, D. K. A. S. C. College, Ichalkaranji. • Experience of documentation for Affiliation Committee Visit-2017-18 at D. K. A. S. C. College, Ichalkaranji.
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	<ul style="list-style-type: none"> • Member of maintaining documents committee for AAA (3rd Cycle: 2018-19) in Dept. of Botany, D. K. A. S. C. College, Ichalkaranji. • Member of Registration committee of The one day teachers training workshop on “Understandind Climate Change and Sustainable Development Goals for Safer Planet and a Sustainable Future.” Held at D.K.A.S.C.College,Ichalkarangi.on 10th Jan 2019. • Member of Registration committee of The one day workshop on “Detection of Food Adulteration”.Under the Lead college scheme of ShivajiUniversity,Kolhapur. On 16thJan 2019. • Paper Setter for B. Sc. II (Botany) and B.Sc. II (Plant protection) Vivekanand College(Autonomous), Kolhapur. (2021,2022) • Paper Moderator for B.Sc. I, B. Sc. II(Botany) and B.Sc.II (Plant protection) and B.Sc. III Vivekanand College (Autonomous), Kolhapur. (2021,2022) College, Kolhapur • Life Member of Indian Women Scientists Association Society • Committee member Teacher Training workshop “Climate Education & Green Campus for a Safer Planet”. Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji, Kolhapur.29 Aug 2023 • Co Ordinator of Millet rally 2023 by Dept of botany DKASC college Ichalkarangi on 14 Aug 2023 • Worked as a Project Examiner of National Science Congress at Pant Valawalkar Hightschool, Kolhapur on 16th Oct. 2022. • Experience of organization of various curricular, co-curricular and extracurricular activities such as arrangement of Guest lectures, ICT lectures, Brainstorming sessions, models etc. at D. K. A. S. C. College, Ichalkaranji.
14.	<p>Prizes / Awards</p> <ol style="list-style-type: none"> 1. 2nd Prize in poster competition theme on subject ‘<i>Gender Equity in Human and plant being</i>’ in Avishkar 2008.

15. Publications

- International - 8
- National - 4
- Papers Presented at Conferences - 5
- Conferences/seminars/workshops attended - 23

International

- Patil Sarika D.** And D.K.Gaikwad.UV-B induced changes in photosynthetic pigmentof medicinally important oil yielding plant *Simarouba glauca DC.*WJPPS**2015**.
- Patil Sarika D.** And D.K.Gaikwad.UV-B tolerance mechanism in medicinally important plant *Simarouba glauca*:Epicuticular wax and Lipid peroxidation.IJAR6(9)33-35.**2016**.
- Patil Sarika D.** And D.K.Gaikwad. UV-B tolerance mechanism in medicinally important plant *Simarouba glaucaDC*:Antioxidant System.Science Corner. 3(2)15-18.**2018**.
- Patil Sarika D.** And D.K.Gaikwad. Effect of UV-B radiationon nitrogen metabolism in medicinally important plant *Simarouba glaucaDC*.IJRAR.4 (3)133-136.**2019**.
- Patil Sarika D.** And D.K.Gaikwad.UV-B Tolerance mechanism in medicinally important plant *Simarouba glauca DC*. :Phosphorus metabolism.VRJFPS14(1)80-90.**2020**.
- Patil Sarika D.** And D.K.Gaikwad. Study of UV-B radiation effect on plant water relations and Electrolyte leakage in medicinally important plant *Simaroba glauca DC*.AIIRJ 88(1)533-538.**2021**.
- Patil Sarika D.** And D.K.Gaikwad. Effect of UV-B radiation on Antioxidant compounds and carbohydrate content on medicinally important plant *Simarouba glauca*.DC.IJSRST9(9)210-224.**2022**
- Patil Sarika D.** and Chirag Narayankar, Study of UVB radiation on Antioxidant activity and GCMS profile of medicinally

important plant *Simarouba glauca* DC. communicated to Scopus journal Stress Physiology 2023

- ix. **Patil Sarika D.** and Chirag Narayankar, A critical review on “UVB Stress on plants” in Book “Abiotic stress in crop plants” edited by Dr.Mirza Hasanuzzaman and Dr.Kamrun Nahar. Communicated to INTECHOPEN LIMITED, Registered in England and Wales No.11086078

📌 National

1. P.D.Aavate, **S.S.Patil**, A.S.Bhoite and D.K.Gaikwad. Effect of Drought and UV Stress on photosynthetic pigment of Medicinally important oil yielding plant *Simrouba glauca* DC. in proceeding of ICAAMS-2014.
2. **Patil Sarika S.**, Sathe sujit, Hanganddi Balesh and D.K. Gaikwad. Methodology in chlorophyll estimation : A comparative approach. Communicated.
3. Survey of campus flora of Vivekanand College. Communicated for Vivek Journal, 2023.
4. **Patil Sarika S.**, & M. N. Desai “Capus plants survey of Vivekanad college” communicated to Vivek 2023

📌 Google Scholar Citations

Citation indices	All	Since 2014
Citations	15	15
h-index	3	3
i10-index	2	2

16. Paper Presented in Academic Conferences / Seminars / Webinar

Sr. No.	Title of the paper presented with authors	Title of Conference / Seminar and Year	Organized by	Status (Mode of Presentation)
1.	P.D. Aavate, S.S.Patil . A. S. Bhoite and D.K. Gaikwad. Effect of Drought and UV Stress on photosynthetic pigment of Medicinally important oil yielding plant <i>Simrouba glauca</i> DC	International conference on Advanced and Applied material science	Gopal Krishna GokhaleCollege Kolhapur.	International (oral Presentation)
2.	Patil Sarika S. And D.K.Gaikwad. Effect of UV-B radiation on nitrogen metabolism in medicinally important plant <i>Simarouba glauca</i> DC	International conference on advances in pure and applied sciences.	Balwant College, Vita.	International (Poster Presentation)
3.	Patil Sarika S. And D.K.Gaikwad. Effect of UV-B radiation on Phosphorus metabolism in medicinally important plant <i>Simarouba glauca</i> .	International conference on Advanced research in life science	Sadguru gadagemaharaj college,Karad.	International (Poster Presentation)
4.	Patil Sarika S. And D.K.Gaikwad. Study of UV-B radiation effect on plant water relations and Electrolyte leakage in medicinally important plant <i>Simaroba glauca</i>	DC.AIIRJ88(1)533-538.2021	Ghali College, Gadhinglaj	Oral Presentation

17.Conferences/Seminars /Webinar

Sr. No.	Name of the conference / seminar/ symposium	Organized by	Date	Status / level
1.	UGC Sponcered National conference on "Sacred groves as a repository for Ethnomedicinal Plants"	Rajaram College, Kolhapur	1 and 2 Feb. 2013	International
2.	XII Conferance of Society of Cytologist and Geneticists and National Symposium on Challenges for Biologists in 21th Century.	Dept. of Botany, Shivaji University, Kolhapur	22 nd -24 th Dec.2014	National
3.	One day seminar on " Biodiversity and climate change"	Dept. of Botany, Shivaji University, Kolhapur	31 th Jan, 2015.	University
4.	International Conferance on Advaced research in life Sciences	SadguruGadageMaharajCollege,Karad	27 th and28 th Mar.2018	International
5.	International Conferance on Advaces in pure and Applied Sciences	Balwant College, Vita	5 th and 6 th Jan.2019	International
6	Climate chang1e, Mangroves and sustainable	ShriPanchamKhemraj mahavidyalaya, Sawantwadi	24-04-2020	International
7	Plant diversity in Kokan	Shardchandrapowar mahavidyalaya, Lonand	29-06-2020	state
8	Recent trends in Life sciences	Shrimant BabasahebDeshmukh Mahavidyalaya, Atpadi	27-07-2020	International

9.	Environment and Biodiversity for sustainable Development	Raje Ramra mahavidyalaya, Jath	4 th and 5 th JUNE 2020	National level Virtual conference
10.	Pendemic Covid 19: Changes and Challenges in society with special reference to higher education	B.B.Arts,N.B. Commerce and B.P.Science college Digraj	5 th june 2020	International webinar
11.	Genetic engineering for Abiotic stress tolerance in plants-	Annakili Amma Research institute(AARI)Bioscience section XI entitled	1 st july 2020	world wide webinar series
12.	On Archaeobotanical studies in Ancient Plasters of Ellora Caves	Padmbhushan Dr.Vasntdada Patil mahavidyalaya,Tasgaon-	2 nd july 2020	National webinar
13.	on Climate change ,Mangroves and sustainable Management	Shri Pancham Khemraj mahavidyalaya,Sawantwadi - online -	24 th march2020	International conference
14.	on Teaching ,Lerning Tools for the Digital Era,	Sri Ramakrishna college of aarts and science for women	11may 2020	Webinar series
15.	“Multifaceted role of plants in challenging Enviromental Applications”-	Hajee Karutha rowther Howdia college,Uthamapalaya m,Theni,Tamilnadu-	6 th july 2020	National level webinar
16.	“on Facts and opportunities in digital education”	V.P.Institute of management studies and research ,Sangli	13 jun 2020	National webinar
17.	Recent trends in Life sciences	Shrimant Babasaheb Deshmukh Mahavidyalaya,Atpadi on 30.	27-07-2020	International e conference
18.	On topic Plant identification :Need of Time	Millind college of Science Aurungabad –	27 july 2020	International webinar

19.	On changing perspective of languages, literature, science and social science	Ghali college, Gadhinglaj	25 Jun 2021	International e conference
20.	Academic 2021	Institute of Gems and Jewellery In Association with Eranand Knowledge City Technical Campus,	19 th May 2021	Faculty Development Programme
21.	Biodiversity of Western Ghats	Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalay, Kadegaon	22 nd May 2021	National Webinar
22	Indian Biodiversity	Menalben Mehta College, Pachgani	22 nd May 2021	National Webinar
23	Recent trends and future prospects in taxonomy and biodiversity	KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad, Dist. Nashik	27 th Dec. 2021	National Webinar
24	One day international E-Conference Life Sciences Technology and Management	Kalikadevi Arts, Commerce and Science College, Shirur, Kasaba Bid	5 th May, 2022	International Conference
25.	Sustainability Science : A Multidisciplinary Approach	Yashwantrao Chavan College of Science, Karad	9 th Feb. 2022	National Webinar

18. Workshops /Courses /Quiz attended

Sr. No.	Title of the workshop	Conducted by	Date	Status / level
1.	"Detection of Food Adulteration"	Department of Botany, D. K. A. S. C. College, Ichalkaranji under Lead College Scheme	16 th January, 2019	Universiy
2.	Teachers Training Workshop on "Understanding Climate	D. K. A. S. C. College, Ichalkaranji	10 th January	State

	Change & Sustainable Development Goals For Safer Planet and a Sustainable Future”		2019	
3.	On natural Biomedicine-	Foundation for innovative research in science and technology	15 th -19 th july 2020	Workshop
4.	Online 3 month Kitchen Gardening course	Br. Balasaheb Khardekar College, Vengurla in collaboration with Garden Club Kolhapur.	23 july to 08 oct 2020	Course
5.	On DNA replication Transcription and Translation	C.G. Bhakta Institute of Biotechnology uka tarsadia university Bardoli .	21-07-2020	online quiz
6.	On Algology	Annakili Amma Research institute (AARI)	02-07-2020	online quiz
7.	On Environmental Science	Bhusawal Arts, Science and P.O.Nahata commerce college, Bhusawal	5 th jun 2020	Online National level Quiz
8.	On amazing facts about plants conducted by PG and research	Arignar Anna Government Art college for women Walajapet, Ranipet ,Tamilndu	07-14-2020	Online quiz
9.	On Facts and opportunities in digital education	V.P.Institute of management studies and research ,Sangli	13 jun 2020	National webinar
10.	On Biodiversity conservation of Founa 2020-	.Thiru hoianjiappar Govt.Arts College, Vriddhachalam-	17-06-2020	National e quiz
11.	COVID 19 Awareness program program for self management	Shivaji university, Kolhapur	22-04-2020	Online quiz
12.	on “Covid 19 pandemic : Spread and solutions	.Jawaharlal nehru university, New dehli	3 rd may 2020	Webinar

13.	" 3 days on Biomedical Nanotechnology	Indian academic researchers association Tiruchirapalli,Tamilnadu-Icompleted in "A grade -	7 th to 9 th may2020	Online course
14.	Online covid 19 pandemic general awareness -	Dattajirao Kadam arts, science, commerce mahavidyalaya, Ichalkarangi	19-04-2020	Online quiz

Special Courses-

- Biomedical Nanotechnology May 2020
- Kitchen Gardening ,Aug 2020

Other Certificate

1. Covid -19 Awareness program. 2020.

Invited Talks

1. Guest – on occasion of Shahu Maharaj Jayanti, 26th June 2017 at Kala Mahila Mahavidyalay, Kale
2. Invited talk on Yuvak Prabodhan on 14th Jan. 2018 at Kala Mahila Mahavidyalay, Kale
3. Guest on Occasion of Traditional Day at Kala Mahila Mahavidyalay, Kale on dated 22-01-2018
4. Guest lecture on Occasion of Women Day at Kala Mahila Mahavidyalay, Kale on dated 08.03.2018
5. B. Sc. Student for COC- Organic Farming Vittalrao Patil College, Kale
6. On Ocassion of International millet year 2023."Importance of millets in our life" Swami Vivekanand Junior College, Kale on12-08-2023
7. On Ocassion of International millet year 2023."Importance of millets in our life" Kanya Vidyamandir ,Kale on15-09-2023

Hobbies: Trekking, Music, Reading.

Declaration

I hereby declare that all the statements made above are true, complete and correct to the best of my knowledge and belief. In the event of any information being found false/incorrect/illegible being detected at any time before or after the Selection/Interview, my candidature is liable to be rejected.

Date:

Place: Kolhapur

(Dr. Sarika Dipak Patil)