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## PERSONAL PROFILE

**Name** : Dr. Rode Surekha Parshram  
**Gender** : Female.  
**Date of Birth** : 21<sup>st</sup>september, 1982.  
**Nationality** : Indian.  
**Marital Status** : Married.  
**Present Address** : House no.1790, Kagalemalwadi, GokulShirgaon Tal-Karveer,  
Dist. - Kolhapur.  
**Contact No.** : +9923560291  
**Languages** : Can read, write and speak English, Hindi, Marathi .  
**Hobbies** : Reading, music & Travelling.

## EDUCATIONAL QUALIFICATION:

Degree	Board/ University	Subject	Year of Passing	Percentage	Class
Ph. D.	Shivaji University, Kolhapur	Botany	2019	Awarded	-
B. Ed.	NMU Jalgoan	Math Science	2007	<b>68.50</b>	1 <sup>st</sup> class
M. Sc.	Pune University	Botany	2006	<b>64.95</b>	1 <sup>st</sup> class
B. Sc.	Pune University	Botany	2004	<b>75.66</b>	Distinction

## Experience:

Worked on UGC project on phytoplankton biodiversity.

Worked on JSW project on plantation of mangrove.

## EXPERIENCE SUMMARY:

### Ph. D.

**Title:** “Nutritional potential of some green and red seaweeds from  
Sindhudurg district of Maharashtra (India)

**Guide** : Prof.(Smt) A.B.Sabale.

**Institute** : Department of Botany, Shivaji University,

**EXPERIENCE SUMMARY:**

- Awarded UGC-BSR (JRF) fellowship in sciences at Department of Botany, Shivaji University, Kolhapur for the year December 2015-December 2017
- Awarded UGC-BSR (SRF) fellowship in sciences at Department of Botany, Shivaji University, Kolhapur for the year December 2017-July 2018.

**Teaching Experience:**

Department	College/University	Designation	Year
Department of Botany	Shivaji University, Kolhapur	Teaching Assistant	October 2014- April 2015.
			July 2015- April 2016.
			From July 2016- April 2017.
			July 2017- April 2018.
Department of Botany	Shahaji Chatrapatti Mahavidyalay Kolhapur	Assistant Professor	July 2018-April 2019
Department of Botany	Rajarshi Chatrapatti Shahu College Kolhapur	Assistant Professor	23 July 2019-till date

**TECHNIQUES KNOWN:**

- 1) Field operation and collection of plant material (herbariums, preservation, etc. of terrestrial Plants, Mangroves, Marine Algae).
- 2) Physiological and Biochemical Analysis of plant material.
- 3) Electrophoresis techniques for Protein Profile.

**INSTRUMENTS/EQUIPMENTS HANDLED:**

- 1) Laminar flow
- 2) Spectrophotometer
- 3) Global Positioning System (GPS)
- 4) Light Microscopy
- 5) Digital Cameras
- 6) Ecological instruments: PH meter, electrical conductivity meter.

**SEMINARS / CONFERENCES / SYMPOSIA / WORKSHOPS ATTENEDED & PARTICIPATED:**

Sr. No.	Name of Seminar/ Conference/Symposium/Workshop attended & participated	Organizers / Place / Date(s)
1.	International conference on Applied Phycology “Algae in Biotechnology and Environment”	Department of Botany, Delhi University, held at Delhi on 14-15 February, 2006.
2.	XXXIII Conference of Indian Botanical society and International symposium on the new Horizons of Botany	Department of Botany, Shivaji University, Kolhapur on 10 <sup>th</sup> -12 <sup>th</sup> November, 2010.
3.	Mangrove awareness programme	Department of Botany, Shivaji University, Kolhapur held at Pancham khemraj Mahavidyalya, Sawantwadi, Dist. Sindhudurg on 11 <sup>th</sup> January, 2011.
4.	One day seminar on Plant diversity conservation	Organised by Department of Botany, Shivaji University on 25 <sup>th</sup> June 2013
5.	International conference on Bioscience with special reference to environmental issues and 33 <sup>rd</sup> Annual session of the academy of environmental biology	Department of Zoology, Shivaji University, Kolhapur held at Kolhapur on 19 <sup>teen</sup> -21 <sup>st</sup> December, 2013
6.	National conference on conservation of natural resources and biodiversity for sustainable development (NCCRB 2014)	Devrukh Shikshan prasarak mandal’s Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce and Vid. DadasahebPitre Science college, Devrukh, Mumbai University, Dist: Ratnagiri held at Devrukh on 04 <sup>th</sup> -6 <sup>th</sup> December 2014
7.	National seminar on New frontiers in plant sciences and Biotechnology	Department of Botany, Goa University, Goa held at Goa on 29 <sup>th</sup> -30 <sup>th</sup> January, 2015
8.	International conference on Contemporary Research in Chemical and Life Sciences (ICCRCLS-2015)	Rayat Shikshan Sanstha’s Sadguru Gadage Maharaj College, Karad, Shivaji University, Kolhapur held at Karad on 22 <sup>nd</sup> -23 <sup>rd</sup> April, 2015
9.	Attended One day seminar on “The Role of Students and Teachers in Conservation of Biodiversity”	Organized by Department of Botany, Shivaji University, Kolhapur. 30 <sup>th</sup> January, 2016
10.	Attended One day workshop on “ Plant Conservation through people’s participation”	Organised under the Lead Botanical Garden Program (Phase II) Department of Botany,

		Shivaji University, Kolhapur. 14 <sup>th</sup> March, 2016.
11.	Attended seven day GIAN programme “Evolutionary morphology of land plants”	Organized by Department of Botany, Shivaji University, Kolhapur. 18 <sup>th</sup> to 25 <sup>th</sup> August 2016
12.	Poster presented in “XXVI Annual Conference Of Indian Association For Angiosperm Taxonomy (IAAT) And International Seminar On Conservation And Sustainable Utilization Of Biodiversity”	Organized by Department of Botany, Shivaji University, Kolhapur. 07 <sup>th</sup> to 09 <sup>th</sup> November 2016
13.	Attended One day workshop on “Collection, Identification and Multiplication of endangered plant species from western ghats, specially for Mali’s and Forest employees”.	Organised under the Lead Botanical Garden Program (Phase II) Department of Botany, Shivaji University, Kolhapur. 17 <sup>th</sup> March 2017
14.	Attended One day workshop on “Regional Medicinal Plants, their Conservation and Sustainable Use.”	Organised under the Lead Botanical Garden Program (Phase II) Department of Botany, Shivaji University, Kolhapur. 18 <sup>th</sup> March, 2017.
15.	One Day workshop on “Bonsai for connecting with the nature.”	Organized by Kolhapur Bonsai Club – Kolhapur with Department of Botany Shivaji University, Kolhapur. 7 <sup>th</sup> July, 2017.
16.	Poster presented in International Conference on “Innovative Research in Science and Technology.”	Organized by Gopal Krishna Gokhale College, Kolhapur. 07 <sup>th</sup> to 09 <sup>th</sup> November 2017.
17.	Poster presented in “National Conference on Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development” (NCMALS).	Organized by Rayat Shikshan Sanstha’s Y. C. Institute of science, Satara, 05 <sup>th</sup> to 06 <sup>th</sup> January 2018.
18.	Oral presentation in International conference on “Advanced Research in Life Sciences.”	Organized by Rayat Shikshan Sanstha’s Sadguru Gadage Maharaj College, Karad, Shivaji University, Kolhapur held at Karad on 27 <sup>th</sup> and 28 <sup>th</sup> March, 2018.
19.	One Day workshop on “Plastic bag	Organized by Yashwantrao Chavan (K.M.C)

	Environmental Degradation”	College Kolhapur on 04 <sup>th</sup> September 2018.
20.	Science Academies lecture Workshop on “Systematics, Conservation and Sustainable Development”	Organized by Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on 26 <sup>th</sup> and 27 <sup>th</sup> December 2018.
21.	Poster presented in “National Conference of Mangroves and coastal bioresources.”	Organized by Department of Botany, Shivaji University, Kolhapur on 12 <sup>th</sup> April, 2019.
22.	One day workshop on revised (CBCS) syllabus of Botany for B. Sc. Part II (Theory) Paper-V,VI,VII and VIII	Organized by IQAC and Department of Botany Padmabhushan Dr. Vasantodada patil Mahavidyalaya Tasgoan Dist Sangli on 29 <sup>th</sup> August, 2019.
23.	One day workshop on New changed (CBCS) syllabus of Botany for B. Sc. Part II (Practical)	Organized by IQAC and Department of Botany Deshbhakt Anandrao Balwantrao Naik Arts and Science College Chikhali, Tal Shirala, Dist Sangli on 13 <sup>th</sup> September, 2019.
24.	One day workshop on ‘Awareness of Gender Equity among Students’	Organized by Rayat Shikshan Sanstha’s Rajarshi Chhatrapati Shahu College, Kolhapur on 27 <sup>th</sup> January 2020.
25.	One day state level workshop on ‘Intellectual Property Rights (IPR-2020)	Organized by Rayat Shikshan Sanstha’s Rajarshi Chhatrapati Shahu College, Kolhapur on 08 <sup>th</sup> February 2020
26.	One day workshop on ‘Biodiversity Conservation”	Organized by Gopal Krishna Gokhale College, Kolhapur on 17 <sup>th</sup> February 2020.
27.	One day workshop on ‘Applied Zoology”	Organized by Rayat Shikshan Sanstha’s Rajarshi Chhatrapati Shahu College, Kolhapur on 29 <sup>th</sup> June 2021

1. **Rode S. P.** Mohite A. K. and Pingle, S. D. Effect of *chara* extract on seed germination of *Abelmoschus esculentus* L. A poster presented in International conference on Applied Phycology “Algae in Biotechnology and Environment” organized by Department of Botany, Delhi University. held at Delhi on 14-15 February, 2006.

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2. **Rode, S. P.** and Sabale A. B. Study of blue green algae from soil samples of Newasa region. A poster presented in “XXXIII Conference of Indian Botanical society and International symposium on the new Horizons of Botany” organized by Department of Botany, Shivaji University, Kolhapur on 10<sup>th</sup> -12<sup>th</sup> November, 2010.

3. **Rode, S. P.**, Kumbhar R. D. and Sabale A. B. Phycochemical studies of seaweeds from Sindhudurg district of Maharashtra. A poster presented in “International conference on Bioscience with special reference to environmental issues and 33<sup>rd</sup> Annual session of the academy of environmental biology” organized by Department of Zoology, Shivaji University, Kolhapur held at Kolhapur on 19<sup>th</sup>-21<sup>st</sup> December, 2013.

4. **Rode S. P.** and Sabale A. B. Antioxidant activity of some green and red seaweeds from Sindhudurg district of Maharashtra. Oral presentation in “National conference on conservation of natural resources and biodiversity for sustainable development ” organized by Devrukh shikshan prasarak mandal’s Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce and Vid. Dadasaheb Pitre Science college, Devrukh, Dist: Ratnagiri, Mumbai University, held at Devrukh on 04<sup>th</sup> -6<sup>th</sup> December 2014.

5. **Rode S. P.** and Sabale A. B. Proximate analysis and mineral composition of some green and red seaweeds from Sindhudurg district of Maharashtra. Poster presentation in “National seminar on New frontiers in plant sciences and Biotechnology” organized by Department of Botany, Goa University, Goa held at Goa on 29<sup>th</sup> -30<sup>th</sup> January, 2015.

6. **Rode S. P.** and Sabale A. B. Phycochemical screening of green and red seaweeds from Sindhudurg district of Maharashtra. Poster presentation in “International conference on Contemporary Research in Chemical and Life Sciences” organized by Rayat Shikshan Sanstha’s Sadguru Gadage Maharaj College, Karad, Shivaji University, Kolhapur held at Karad on 22<sup>nd</sup>-23<sup>rd</sup> April, 2015

7. **Surekha P. Rode** and Surekha N. Dhumal. (Nov-2017) Proximate analysis of some green and red seaweeds reported from Sindhudurg district of Maharashtra. Poster presentation in International Conference on “Innovative Research in Science and Technology.” Organized by Gopal Krishna Gokhale College, Kolhapur, on 07<sup>th</sup> to 09<sup>th</sup> November 2017.

8. Surekha N. Dhumal and **Surekha P. Rode.** (Nov-2017) Diversity and density of phytoplankton of Sindhudurg coast of Maharashtra. Poster presentation in International Conference on “Innovative

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Research in Science and Technology.” Organized by Gopal Krishna Gokhale College, Kolhapur, on 07<sup>th</sup> to 09<sup>th</sup> November 2017.

9. **Surekha P. Rode**, Surekha N. Dhumal and Anjali B. Sabale. Antioxidant activity of some green and red seaweeds from Sindhudurg district of Maharashtra. Poster presentation in “National Conference on Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development” (NCMALS). Organized by Rayat Shikshan Sanstha’s Y. C. Institute of science, Satara, on 05<sup>th</sup> to 06<sup>th</sup> January 2018.

10. Surekha N. Dhumal and **Surekha P. Rode** and Anjali B. Sabale. Occurrence and density of phytoplankton from some estuaries in Sindhudurg district of Maharashtra. Oral presentation in “National Conference on Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development” (NCMALS). Organized by Rayat Shikshan Sanstha’s Y. C. Institute of science, Satara, on 05<sup>th</sup> to 06<sup>th</sup> January 2018.

11. **Surekha P. Rode** and Anjali B. Sabale. Vitamin composition of some green and red seaweeds from Sindhudurg district of Maharashtra. Oral presentation in International conference on “Advanced Research in Life Sciences.” organized by Department of Botany, Department of Zoology, Department of Microbiology and Department of Biotechnology of Sadguru Gadage Maharaj College, Karad in collaboration with Shivaji University, Kolhapur (M. S.), on 27<sup>th</sup> and 28<sup>th</sup> March, 2018.

12. **Surekha Rode** and Anjali Sabale. Diversity of seaweeds from Malvan and Kunakeshwar in Sindhudurg district of Maharashtra. A poster presented in “National Conference of Mangroves and coastal bioresources” organized by Department of Botany, Shivaji University, Kolhapur on 12<sup>th</sup> April, 2019.

#### **CO- CURRICULAR ACTIVITIES:**

- 1 A project on ‘Isolation of blue green algae from soil samples of Newasa region and Effect on *chara* extract on seed germination of *Abelmoschus esculentus* L. under the guidance of Prof. S. D. Pingle, Department of Botany, Padmashri vikhe patil college of Arts, Science and Commerce, Pravaranagar.

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## PAPER PUBLISHED

1. **Rode, S.P.**, Sabale, A.B. and Pingle, S.D. 2011. Study of blue green algal flora from soil samples of Newasa region (Dist. Ahmednagar).*Indian Hydrobiology*.**13**(2): 179-182.
2. **Rode S. P.** 2011. Effect of *chara* extract on germination of Okra seeds *Bioinfolet*. **8** (2): p.211.
3. Bhosale,L. J., Dhumal, S.N. and **Rode, S.P.** 2012. Fresh water phytoplankton and filamentous algae from Khanapur and AtpadiTahsils of Sangli district of Maharashtra, India. *Indian hydrobiology*.**15**(2): 212-222.
- 4.Kumbhar, R. D., **Rode, S.P.** and Sabale, A. B. 2014. Phycochemical Screening of Seaweeds from Sindhudurg District of Maharashtra, *Int. J. Pharm. Sci. Rev. Res.*, **29**(1): Article No. 17: 77-81 (IF-2.1)
5. **Surekha Rode** and Anjali Sabale.2015. Diversity of seaweeds from Malvan and Kunakeshwar in Sindhudurg district of Maharashtra *Indian Journal of applied research***5**(9): 41-43 ISSN- 2249-555X (IF-3.624)
- 6.**Surekha P. Rode** and Surekha N. Dhumal. (Nov-2017 ) Proximate analysis of some green and red seaweeds reported from Sindhudurg district of Maharashtra. *International Journal of Researches in Biosciences, Agriculture And Technology*, **Vol. V**, Special Issue **(3)**: 184-188 ISSN 2347 – 517X.
- 7.Surekha N. Dhumaland **Surekha P. Rode**. (Nov-2017 ) Diversity and density of phytoplankton of Sindhudurg coast of Maharashtra *International Journal of Researches in Biosciences, Agriculture And Technology*,**Vol. V**, Special Issue **(3)**: 119-122. ISSN 2347 – 517X.
8. **Surekha Rode** and Anjali Sabale.2018. Antioxidant activity of some green and red seaweeds from west coast of Maharashtra, India. *International Research Journal of pharmacy*. 9 (6): 108 – 112. (ISSN - 2230-8407 (IF-0.76)