

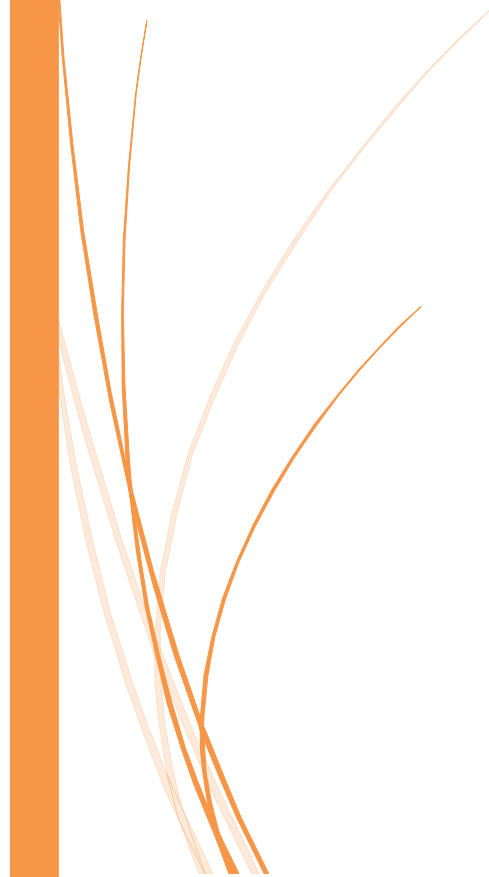


*Curriculum Vitae*



***Dr. Ajay Sarjerao Nalawade***

M.Sc. Ph. D.



## CARRICULUM VITAE

1. **Name** : *Dr. Ajay Sarjerao Nalawade*
2. **Permanent Address** : 585 'A' Ward Near Vetalmal Talim, Shivaji Peth, Kolhapur MS-416004.
3. **Residential address** : House No. 2845, Plot No. 94/3, Siddheshwer Nagar, Shingnapur, Kolhapur MS-416010
4. **Contact Phone No. and email ID** : 9158351427, 9518709419  
[Analawade4@Gmail.com](mailto:Analawade4@Gmail.com)  
[ajay.nalawade@sanjayghodawatuniversity.ac.in](mailto:ajay.nalawade@sanjayghodawatuniversity.ac.in)
5. **Date of Birth, Age in Years** : 30<sup>th</sup> June 1986  
37 Years
6. **Gender** : Male
7. **Mother's and Father's Name** : Mrs. Rekha Sarjerao Nalawade  
Mr. Sarjerao Pandurang Nalawade
8. **Nationality and Religion** : Indian-Hindu
9. **Caste and Category** : Maratha-Open
10. **Educational Qualification** :

Exam	Passed Year	Board/ University	Percentage	Grade/Class
S.S.C	2001-02	MSBSHSE, Pune	67.33	First
H.S.C	2003-04	MSBSHSE, Pune	56.33	Second
B. Sc.	2006-07	Shivaji University, Kolhapur	65.72	First
M. Sc.	2008-09	Shivaji University, Kolhapur	67.29	First
Ph. D.	2010-18	Shivaji University, Kolhapur	-	-

## CARRICULUM VITAE

### 11. Research experience:

1. Doctorate on the topic entitled “**Genetic Diversity and Phytochemical Analysis of *Chlorophytum Ker-Gawl species***” under the guidance of Dr. Rajaram V. Gurav in Department of Botany, Shivaji University, Kolhapur, **July 2010- July 2018.**
2. Worked as a project fellow in the Department of Botany, Rajaram College, Kolhapur on the RGSTC-ARI research project, “**Digitized Inventory of Medicinal Plant Resources of Maharashtra (Ratnagiri and Sindhudurga District)**”, **2009-2012.**
3. Worked as a JRF and SRF in the Department of Botany, Shivaji University, Kolhapur on the DBT major research project, “**Recovery of RET species of *Ceropegia* from Western Ghats, 12<sup>th</sup> February 2012 to 9<sup>th</sup> January 2015.**
4. Worked as a UGC-BSR JRF and SRF in the Department of Botany, Shivaji University, Kolhapur, **31<sup>st</sup> December 2015 to 20<sup>th</sup> July 2018.**

### 12. Teaching Experience:

1. Under UGC-BSR guidelines taught for **M. Sc. Botany** with subjects **Ecology, Cytogenetics and Plant Breeding** and **Plant Biotechnology** for the academic years **2016-18 in Department of Botany, Shivaji University, Kolhapur.**
2. Worked as a temporary assistant professor for **B. Sc. Botany** in **Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur** Since from **2019 to 2021.**
3. Worked as visiting faculty for Subject Botany in **School of Science in Sanjay Ghodawat University, Atigre, Kolhapur** for **February- June 2021.**
4. Worked as a temporary assistant professor in subject Botany for **B. Sc. in School of Science in Sanjay Ghodawat University, Atigre, Kolhapur** for the year **2021-2022.**

### 13. Publications:

#### Books:

1. Ajay Nalawade and Rajaram Gurav (2020) Genetic Diversity and Phytochemical Analysis of *Chlorophytum* Species, Lap Lambert Academic Publishing, ISBN No. 978-620-0-56374-3.

#### Research papers:

## CARRICULUM VITAE

1. J. J. Chavan, **A. S. Nalawade**, N. B. Gaikwad, R. V. Gurav, G. B. Dixit and S. R. Yadav (2014) An efficient in vitro regeneration of *Ceropegia noorjahaniae*: an endemic and critically endangered medicinal herb of the Western Ghats *Physiology and Molecular Biology of Plants*, 20(3):405–410.
2. Madhuri Tukaram Desai, Sharad Suresh Kambale, **Ajay Sarjerao Nalawade**, Nikhil Babruvan Gaikwad, Rajaram Vithoba Gurav, Ghansham Balbhim Dixit, Shrirang Ramchandra Yadav (2014) In Vitro Propagation of *Ceropegia fimbriifera* Bedd., an Endangered, Endemic Plant of South India, *Journal of International Academic Research for Multidisciplinary*, 2(1): 124-132.
3. **A. S. Nalawade**, M. T. Desai, N. B. Gaikwad, R. V. Gurav, G. B. Dixit and S. R. Yadav (2016) In Vitro Propagation of *Ceropegia anjanerica* Malpure et al.: A Rare Endemic Plant from Maharashtra. *National Academy of Sciences, Section B Biological Sciences*, 86(2): 275-281.
4. **Nalawade A S** and R V Gurav 2017 Stomatal Studies in the Genus *Chlorophytum* (Asparagaceae) *Bioscience Discovery*, 8(3):574-581.
5. **Ajay Sarjerao Nalawade** and Rajaram Vithoba Gurav (2017) Proximate Analysis and Elemental Composition of Seventeen Species of *Chlorophytum* from The Western Ghats, *International Research Journal of Pharmacy*, 8(7): 131-136.
6. **Ajay S. Nalawade**, Animesh Bose, Rajaram V. Gurav (2020) Comparative seed morphology in the genus *Chlorophytum* Ker Gawl. (Agavoideae, Asparagaceae) in India, *Flora*, 273(2020) 151723:1-19.
7. **Ajay Sarjerao Nalawade**, Rajaram Vithoba Gurav, Abhinandan Ravsaheb Patil, Mohsina Patwekar and Faheem Patwekar (2022) A comprehensive review on morphological, genetic and phytochemical diversity, breeding and bioprospecting studies of genus *Chlorophytum* Ker Gawl. from India, *Trends Phytochem. Res.* 6(1) 2022 19-45.

#### 14. Patent:

1. Abhinandan Ravsaheb Patil, **Ajay Sarjerao Nalawade**, Nita Bhauso Pawar and Archana Dixit (2022) Plant extract analysing device to identify disease, Patent of Design No. 357958-001. Government of India, The Patent Office 04/04/2022.

## CARRICULUM VITAE

2. Abhinandan Ravsaheb Patil, **Ajay Sarjerao Nalawade**, S. K. B. Sangeetha, Prashant M. Desai (2022) Portable Briefcase For Plant Transportation, Patent of Design No. 355335-001. Government of India, The Patent Office 09/12/2022.

### 15. Papers presented in Seminars / Conferences / Symposia / Workshops:

1. Presented Paper on “**Sacred Grove as Repository for Conservation of Traditional Medicinal Plants: A Case Study of Waljai Sacred Grove, Kudawale (Dist. – Ratnagiri)**” In Two Day State Level Seminar On “**Conservation and Cultivation of Traditional Medicinal Plants**” Held at R. B. Madkholkar College, Chandgad on 17<sup>th</sup> and 18<sup>th</sup> February 2011.
2. Presented Paper On “**Distribution of Tree Species in The Light of Geomorphology and Geology of Ratnagiri District of Maharashtra (India)**” in International Conference on Multidisciplinary Approaches in Applied Geology held at Gopal Krushna Gokhale College, Kolhapur on 20–21 January 2012.
3. Presented paper on “**Babujamal Hills One of The Holy Places: As a Repository of Medicinal Plants in Hatkanangale Tehsil (Dist. – Kolhapur)** in National Conference on “Sacred Groves as A Repository for Ethnomedicinal Plants” Organized by Department of Botany, Rajaram College, Kolhapur on 1<sup>st</sup> and 2<sup>nd</sup> February 2013.
4. Presented papers on “**In Vitro Propagation of *Ceropegia anjanerica* Malpure, Kamble and Yadav- A rare endemic Plant from Maharashtra**” and “**In Vitro Propagation of *Ceropegia jainii* Ansari and B. G. Kulkarni and *Ceropegia fimbriifera* Beddome Endangered, Endemic Plants from Maharashtra**” at XXIII Conference Of Indian Association For Angiosperm Taxonomy and National Seminar on “Recent Advances in Plant Taxonomy Research” Organized by Post Graduate Department of Botany, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur during 27<sup>th</sup> to 29<sup>th</sup> December 2013.
5. Poster presented on “**Comparative Seed Morphology in Genus *Chlorophytum* Ker. Gawl.**” and paper presented on “**Biomolecular analysis in genus *Chlorophytum* Ker.Gawl. by GCMS**” at 24<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy and International Conference on “Trends in Plant Systematics (TIPS)” Organized by Department of Plant Science Bharthidasan University Tiruchirapalli – 620024 Tamil Nadu, India during 31<sup>st</sup> October to 2<sup>nd</sup> November 2014.
6. Paper presented on “**Stomatal Studies in Genus *Chlorophytum* Ker Gawl.**” and poster presented on “**Study of Micropropagation and *In vitro* flowering of *Ceropegia media* - A**

## CARRICULUM VITAE

rare endemic plant from Western Ghats” at XII Conference of Society of Cytologists and Geneticists and National Symposium on Challenges for Biologists in 21<sup>st</sup> Century organized by Department of Botany Shivaji University, Kolhapur on 22<sup>nd</sup> -24<sup>th</sup> December 2014.

### 15. Seminars / Conferences / Symposia / Workshops attended and participated:

Sr. No.	Name of Seminar/ Conference/Symposium/Workshop attended & participated	Organizers / Place / Date(s)
1	International Seminar on Changing Scenario in Angiosperm Systematics.	Department of Botany, Shivaji University, Kolhapur. Held at Kolhapur on 19 <sup>th</sup> to 21 <sup>st</sup> Nov., 2007.
2	Critical links – Forging Community Civil Society Partnership to Enhance Connectivity in the Sahyadri Konkan Corridor	Applied Environmental Research Foundation, Pune. Held at Dapoli, Ratnagiri 27 <sup>th</sup> to 28 <sup>th</sup> Feb. 2010
3	XXXIII National Conference of Indian Botanical Society and International Symposium on New Horizons in Botany.	Department of Botany, Shivaji University, Kolhapur. Held at Kolhapur from 10 <sup>th</sup> to 12 <sup>th</sup> November, 2010.
4	Two Days State Level Seminar on “Conservation and Cultivation of Traditional Medicinal Plants”	R. B. Madkholkar College, Chandgad on 17 <sup>th</sup> and 18 <sup>th</sup> February 2011
5	Vaidunchi Wanoushdhi Shetishala	Agriculture and Technology Management Association (AATMA) Held at Ambdos Tal: - Malwan Dist: - Sindhudurg, 05 February. to 15 March. 2011
6	Two Days State Level Workshop on on “Producers and Traders of Medicinal Plants”,	Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli and Maharashtra State Fruit Production and Medicinal Plant Board, Pune. Held at Dapoli on 17 to 18 March 2011
7	International Conference on Multidisciplinary Approaches in Applied Geology	Gopal Krushna Gokhale College, Kolhapur and Knowledge Partner National Institute of Oceanography (NIO) Dona Paula Goa on 20 – 21 January 2012
8	One Day Workshop on “Research Writings, Ethics, Plagiarism and Publish ability”	Jointly organized by IQAC Shivaji University, Kolhapur and The New College, Kolhapur on 28 <sup>th</sup> March 2012
9	Two Days Workshop on “Research Writings, Ethics, Plagiarism and Publish ability”	International Quality Assurance Cell (IQAC), Shivaji University, Kolhapur held on 26 <sup>th</sup> July 2012
10	Workshop On “Tools and Techniques in Molecular Systematics”	Department of Botany, Shivaji University, Kolhapur from 8 <sup>th</sup> to 10 <sup>th</sup> November 2012
11	National Conference on “Sacred Groves as A Repository for Ethno medicinal Plants”	Department of Botany, Rajaram College, Kolhapur on 1 <sup>st</sup> and 2 <sup>nd</sup> February 2013
12	First International and Third National Conference on Biotechnology, Bioinformatics and Bioengineering	Society for Applied Biotechnology (India) on 28 <sup>th</sup> - 29 <sup>th</sup> June, 2013
13	XXIII Conference of Indian Association for Angiosperm Taxonomy and National Seminar on “Recent Advances in Plant Taxonomy Research”	Post Graduate Department of Botany, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur during 27 <sup>th</sup> to 29 <sup>th</sup> December 2013
14	24 <sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy and International Conference on “Trends in Plant Systematics (TIPS)”	Department of Plant Science Bharthidasan University Tiruchirapalli – 620024 Tamil Nadu, India during 31 <sup>st</sup> October to 2 <sup>nd</sup> November 2014
15	XII Conference of Society of Cytologists and Geneticists and National Symposium on Challenges for Biologists in 21 <sup>st</sup> Century	Department of Botany Shivaji University, Kolhapur on 22 <sup>nd</sup> -24 <sup>th</sup> December 2014.
16	XXVI Annual Conference of Indian Association for Angiosperm Taxonomy and National Seminar on “Conservation and Sustainable Utilization of Biodiversity”	Department of Botany Shivaji University, Kolhapur on 7 <sup>th</sup> - 9 <sup>th</sup> November 2016.
17	MS-DEED Level 1 Workshop on Introduction to Innovative Pedagogies for College Teachers	Maharashtra State Faculty Development Academy, at Rajaram College, Kolhapur on 18 <sup>th</sup> -20 January 2024

### Activities in the Academic years 2019-2022

#### ACADEMIC PROFILE:

1. Worked as assistant professor in Department of Botany, Shri Shahaji Chatrapati Mahavidyalaya, Kolhapur.
2. Worked as visiting faculty in School of Science in Sanjay Ghodawat University, Atigre, Kolhapur for February- June 2021.
3. Worked as a college coordinator for Shivaji University's Degree Level Avishkar Research Festival held on **06<sup>th</sup> January 2020** at Rajaram College, Kolhapur.

#### BOOKS:

1. Ajay Nalawade and Rajaram Gurav (2020) Genetic Diversity and Phytochemical Analysis of *Chlorophytum* Species, Lap Lambert Academic Publishing, ISBN No. 978-620-0-56374-3.

#### Research Papers Published:

1. **Ajay S. Nalawade**, Animesh Bose, Rajaram V. Gurav (2020) Comparative seed morphology in the genus *Chlorophytum* Ker Gawl. (Agavoideae, Asparagaceae) in India, *Flora*, 273(2020) 151723:1-19.
2. **Ajay Sarjerao Nalawade**, Rajaram Vithoba Gurav, Abhinandan Ravsaheb Patil, Mohsina Patwekar and Faheem Patwekar (2022) A comprehensive review on morphological, genetic and phytochemical diversity, breeding and bioprospecting studies of genus *Chlorophytum* Ker Gawl. from India, *Trends Phytochem. Res.* 6(1) 2022 19-45.

#### Patent:

1. Abhinandan Ravsaheb Patil, **Ajay Sarjerao Nalawade**, Nita Bhauso Pawar and Archana Dixit (2022) Plant extract analysing device to identify disease, Patent of Design No. 357958-001. Government of India, The Patent Office 04/04/2022.

#### ACTIVITIES ORGANIZED / CELEBRATED / PARTICIPATED IN THE COLLEGE/UNIVERSITY DURING ACADEMIC YEAR 2019-2022:

1. Inauguration of Green Corner
2. Book Release Ceremony

## CARRICULUM VITAE

3. Celebration of Eco-friendly Dasara
4. Celebration of Wildlife Week
5. Club Scientia
6. Celebration of National Farmers Day
7. Global Earth Day
8. Visit to The New College, Kolhapur under Linkage Activity
9. Avishkar Research Festival 2019-20
10. Celebration of Science Day
11. Study tours of B. Sc. Students at Rankala: A Wetland Ecosystem, Ugawai Sacred Grove and Dajipur Sanctuary premises in Radhanagari, Malwan, Sindhudurg, Shri Ambeshwar Devrai and Amba Ghat, Ratnagiri.

### Webinars/online guest lectures conducted (2020-2021):

Sr. No.	Event conducted	Day and Time	Guest	No. of Participants
1.	An online guest lecture on topic <b>“Orchids”</b> by Zoom application and live streamed on YouTube.	Saturday 12 <sup>th</sup> June 2021	Dr. Bhaurao T. Dangat Head Dept. of Botany Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's Smt. Meenalben Mehta College, Panchgani, (Tal. Mahabaleshwar, Dist. Satara, Maharashtra).	200+
2.	National webinar on <b>“Modern Agriculture Practice and Business Opportunities”</b> by Zoom application and live streamed on YouTube.	Thursday 8 <sup>th</sup> July 2021	Prof. Mrs. Varsha D. Jadhav Dept. of Botany, Shivaji University Kolhapur Dr. Nivas M. Desai Assistant Professor, PG Department of Botany, Shri Pancham Khemraj Mahavidyalaya Sawantwadi Dr. Prashant T. Pawar Assistant Professor, MIT Collage of Management, MIT ADT University.	350+

### About Online education (2020-2022):

- YouTube channel ‘Dr.AJ’ with more than 45 educational videos on B. Sc. Syllabus.
- Conducted lectures on Zoom, Google meet etc. platforms.
- Study material provided for students on Google classroom.



## CARRICULUM VITAE

- Daily conducted funny quiz, practical examinations on quizizz.com. and Google forms.

### PROJECT COMPLETED:

1. “GRASS GENERA OF KATYAYANI HILL” project for B.Sc. III Botany students: Mr. Sudhanva Bakhare, Mr. Soham Haldikar and Mr. Vinayak Patil submitted in the academic year 2019-20.
2. “ALLELOPATHIC EFFECT OF *SYZYGium CUMINI* AND *MANGIFERA INDICA* ON SEED GERMINATION” project for B.Sc. III Botany students: Mr. Shubham maruti patil, Miss Swati Vishwas Bajage, Miss. Rutuja Sarjerao Patil, Miss. Ashwini Chandrakant Kamble, Mr. Omkar Rajagonada Wani submitted in the academic year 2019-20.

### FACULTY DEVELOPMENT PROGRAMMES/ SHORT TERM COURSES:

1. The five-day online faculty development programme from **30<sup>th</sup> May 2020 to 3<sup>rd</sup> June 2020** on the topic ‘Evolution from offline to online teaching’, organized by Satish Pradhan Dnyanasadhana College, Thane, IQAC and FDP Committee, in association with Department of Information Technology University of Mumbai, Yashwantrao Chavan Maharashtra Open University, Mumbai Regional Centre and Microsoft.
2. Participated in one-week FDP on E-content development in teaching organized by Saraswati Kala Mahavidyalaya Dahihanda, Akola in collaboration with P G department of Computer Science Sant Gadge Baba Amravati University, Amravati on **4<sup>th</sup> -10<sup>th</sup> June 2020**.
3. The short-term course on COVID-19 Crisis Awareness: Immunity Boost by Plants and Yoga” from **8<sup>th</sup> -14<sup>th</sup> June 2020**, jointly organized by Zoology, Botany and Microbiology Department Government Girls P. G. College, Ujjain M.P.

### WEBINARS ATTENDED:

1. The webinar on the topic ‘Molecular Taxonomy and DNA Barcoding: Concepts, Methods and Applications held on **20<sup>th</sup> May 2020**, organized by Department of Botany under the aegis of Internal Quality Assurance Cell (IQAC), R. D. & S. H. National College and S. W. A. Science College, Mumbai.

## ***CARRICULUM VITAE***

2. International Biodiversity Day **22<sup>nd</sup> May 2020**, National Webinar on “Biodiversity and Its Conservation” organized by department of Botany & Internal Quality Assurance Cell (IQAC) of Raje Ramrao Mahavidyalaya, Jath-416404, Dist: Sangli, Maharashtra, India.
3. Participated in online webinar on “Role of Environment for Sustainable Future” organized by department of Botany and IQAC of Dahiwadi College Dahiwadi on **5<sup>th</sup> June 2020**.
4. The one-day National Level Webinar on Swayam: An e-Learning Platform held on **12<sup>th</sup> June 2020** organized by Arts, Commerce and Science College, Lanja.
5. Participated in A state level webinar on “Role of N.S.S. in the conservation of Environment and Biodiversity” on inaugural function of N.S.S. on **19<sup>th</sup> June 2020** organized by Lal Bahadur Shastri College of Arts, Science and Commerce, Satara.
6. Participated in the International webinar on “Opportunities in Higher Education through Online Platform during Pandemic Time” Organized by IQAC cell of Government Girls College Betul, Madhya Pradesh, India on **20<sup>th</sup> June 2020**.
7. Participated in an Online Webinar on "Covid-19 - Lockdown: Impact, Challenges and Remedies" jointly organized by Department of Economics of Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur and Nirmiti Vichar Manch, Sanvad Prakashan Pvt. Ltd., Kolhapur on **25<sup>th</sup> July 2020**.
8. Participated in the One Day Online Teachers’ Workshop on the Revised (CBSC) Syllabus of Botany for B. Sc. III (Theory) Paper IX & X Sponsored by Shivaji University, Kolhapur Organized by the Department of Botany, M. H. Shinde Mahavidyalaya, Tisangi Tal-Gaganbavada, Dist.- Kolhapur. on **6<sup>th</sup> February 2021**.
9. Participated in National Webinar on "Recent Trends in Chemistry" jointly organized by Department of Chemistry and IQAC of Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on **Tuesday 1<sup>st</sup> June 2021**.
10. Participated in the National Webinar on "State of Art: Colorful Solar Cell and Advanced Nanomaterials for Energy Applications" organized by Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on **9<sup>th</sup> July 2021**.

### **Participation in Quizzes:**

Participated in quizzes organized by different colleges, institutes and universities related to different subjects *viz.* Botany, Zoology, Mycology and Plant Pathology,

## CARRICULUM VITAE

Microbiology, Environment, Research Methodology, मराठी प्रश्नमंजुषा, CORONA Awareness Programme, Awareness Programme on Intellectual Property Rights, Self-Awareness and Health Care, Awareness of Biodiversity conservation, Revised Accreditation Framework of NAAC and on the occasion of World Environment Day, World Earth Day.

**Self-declaration** :

16.

All the information stated above is correct as per my consideration.

17. **Signature of the candidate** : 

18. **Date** : 24-04-2024

19. **Place** : Kolhapur.