

CURRICULUM VITAE

Dr. Makarand Mohanrao Aitawade M.sc., M.Phil., Ph.D.

Permanent Address: Sindhu nagari, T-7
Gajanan Maharaj Nagar, Racecourse,
Mangalwar Peth, Kolhapur. Dist: Kolhapur.
State: Maharashtra, India. 416 012.

E-mail: meetmh@gmail.com
Mo.: 8208437839 and 8552958096



PRESENT STATUS

Assistance Professor,
Department of Botany
Sharadchandra Pawar Mahavidyalaya, Lonand,
Tal. Khandala, Dist. Satara (MS).

SUMMARY:

- Working in Angiosperm Systematics since 2006.
- Worked on “Mapping ofWestern Ghats” DBT project.
- Worked on “Biosystematics of the genera *Vigna*, *Cucumis* and *Abelmoschus*” NAIP project.
- A team worker with quick learning ability and positive attitude.

EDUCATION:

Institution	Degree	Emphasis	Percentage	Class	Year
Shivaji University Kolhapur	Ph. D.	Angiosperm Taxonomy	--	--	2014
Shivaji University Kolhapur	M.Phil.	Angiosperm Taxonomy	--	'A' grade	2009
Shivaji University Kolhapur	M.Sc.	Angiosperm Taxonomy	62.21%	1 st Class	2006
Shivaji University Kolhapur	B.Sc.	Botany	66.52%	1 st Class	2004
Kolhapur Board	H.S.C	-	70.67%	Grade I	2001
Kolhapur Board	S.S.C	-	78.13%	Distinction	1999

RESEACH TECHNOLOGY SKILLS:

- Plant dissections and identification skill.
- Computer skills: Platforms: Windows, Other: MS Office Suite, Internet.
- Excellent graphic designer

RESEARCH EXPERIENCE:

- **JRF: October 2006, Shivaji University Kolhapur, Maharashtra, India**, Junior Reseach fellow, Project: Mapping and quantitative assessment of geographical distribution and the population status of plant resources of Western Ghats.
- **SRF: June 2011, Shivaji University Kolhapur, Maharashtra, India**, Senior Research Fellow, Project: Biosystematics of the genera *Vigna*, *Cucumis* and *Abelmoschus*.

PH. D. WORK: Awarded entitled “ **Morphotaxonomical studies on genus *Begonia* in Western Ghats**” under the guidance of Prof. S. R. Yadav, Department of Botany, Shivaji University, Kolhapur.

M. PHIL. WORK: Awarded entitled “**Morphotaxonomical studies on some members of Convolvulaceae from Maharashtra**” under the guidance of Dr. N. B. Gaikwad, Department of Botany, Shivaji University, Kolhapur.

PUBLICATIONS:

Books:

1. **The genus *Vigna* Savi in India:** an illustrated guide for species identification.
2. **An Illustrated Guide of the Identification of *Vigna* Savi, *Cucumis* L. and *Abelmoschus* Medik.** Species in India.
3. **Lead Botanic Garden:** Enumeration of plant Wealth.
4. **Handbook of Practical Botany:** As per revised CBCS Syllabus of Shivaji University, Kolhapur (With effect from June 2018) for B.Sc. I students. (First edition September, 2018 and Second edition July, 2019 with ISBN : 978-93-5382-580-5)
5. **A Hand Book of Practical Botany:** As per revised CBCS Syllabus of Shivaji University, Kolhapur (With effect from June 2019) for B.Sc. II students published by Phadke Prakashan. (First edition August, 2019 with ISBN: 987-93-89435-09-02).
6. **Tree survey of gardens in the Kolhapur city (MS, India)** published by Lambert Publication ((First edition September, 2019 with ISBN: 978-620-0-31459-8)
7. **A Hand Book of Practical Plant Protection:** As per revised CBCS Syllabus of Shivaji University, Kolhapur (With effect from June 2019) for B.Sc. II students published by Phadke Prakashan. (First edition December, 2019 with ISBN: 978-93-89435-32-0).
8. **Our tress our wealth** (First edition: 5th June, 2020. Second edition: 1st August, 2020 with ISBN No: 978-93-5407-632-9)
9. **Zad Lawatana** (First edition: 25th June, 2020 with ISBN No: 978-93-5407-787-6)
10. **Videshi Vrukhsampada** (First edition: 20th July, 2020 with ISBN No: 978-93-5408-319-8)
11. **Bharamsath Vikas Prakalp ani Besumar Vruksh Tod** (First Edition: 22nd April 2021 ISBN No: 978-93-5473-214-0)

Research Paper Published:

1. **M. M. Aitawade**, N. B. Gaikwad and S. R. Yadav. 2009. Seeds morphology of some species belonging to family Convolvulaceae of Maharashtra. *Bioinfolet*. 6 (1): 71-73.
2. U. R. Pawar, V. V. Naik, V. T. Aparadh, **M. M. Aitawade** and Babu A. Sonar 2009. Water quality of two Konkan estuaries. *Bioinfolet*. 6 (3): 266-267.
3. Jagatap D. G., Bachulkar M. Y., **Makarand Aitawade**. 2010. *Spilanthus uliginosa* (Asteraceae) New record for Maharashtra. *Phytotaxonomy*. 10: 42-44.
4. Shrishail K. Kulloli, **M. M. Aitawade**, Arun N. Chandore. 2011. Nectar dynamics and Pollination studies in three species of Lamiaceae. *Current Science*. 100(4): 509-516.
5. **Makarand M. Aitawade** and S. R. Yadav. 2012. *Mucuna sanjappae*, a new species from north-Western Ghats, India. *Kew Bulletin*. 67:539-543.
6. **M. M. Aitawade**, S. P. Sutar, S. R. Rao, S. K. Malik, S. R. Yadav and K. V. Bhat, 2012. Section Ceratotropis of subgenus Ceratotropis of *Vigna* (Leguminosae – Papilionoideae) in India with a new species from northern Western Ghats. *Rheeda*. 22(1):20-27.
7. **Makarand M. Aitawade** and S. R. Yadav, 2012. Taxonomic status of *Begonia aliciae* (Begoniaceae). *Rheeda*. 22(2):111-115.
8. **Makarand M. Aitawade**, A. R. Kulavmode and S. R. Yadav, 2012. *Begonia hirtella* Link, an addition to the flora of Kerala, India. JBNHS. 109 (3): 220-221.
9. Sutar, Shrikant; Patil, Pravin; **Aitawade, Makarand**; John, Joseph; Malik, Surendra; Rao, Satyawada; Yadav, Shrirang; Bhat, K. V. 2013. A new species of *Abelmoschus* Medic. (Malvaceae) from Chhattisgarh, India. *Genetic Resources and Crop Evolution*. 60 (7) 1953-1958. (Impact Factor = 1.55)
10. **Makarand M. Aitawade** and S. R. Yadav, 2014. *Begonia integrifolia* Dalz., an addition to the flora of Goa, India. JBNHS. 111 (1): 66-67.
11. Suraj Dhanyakumar Umdale, **Makarand Mohanrao Aitawade**, Nikhil Babruan Gaikwad, Surendra Kumar Malik, Shrirang Ramchandra Yadav, Satyawada Rama Rao & Kangila Venkataraman Bhat, 2015. Pollen morphology and its implications in species relationships among Asian *Vigna* species (genus *Vigna*; subgenus *Ceratotropis*) from India. *Turkish Journal of Botany* (2017) 41: 75-87.
12. Pranav Pinjre, Omkar Koshti, Snehal Jadhav, Vaibhav Patil, Veerkumar Gorawade and **Makarand Aitawade**. Green synthesis of silver nanoparticles using *Mesosphaerum suaveolens* (L.) Kuntze (Lamiaceae) leaf extract and study of its antibacterial activity. 2019. National Conference On Sustainable Agriculture Proceeding, RJLBPCS Journal. 290-295.

13. **Makarand Mohanrao Aitawade**, Madhukar Yallapa Bachulkar and Shrirang Ramchandra Yadav. *Begonia handibadaganathensis* (Begoniaceae), a new species from Western Ghats, India. 2019. *Phytotaxa* 423 (3): 206–210.
14. **Makarand Mohanrao Aitawade**, Joseph John Kattukunnel and Shrirang Ramchandra Yadav. *Begonia bachulkarii* (Begoniaceae, sect. *Reichenheimia*), a new species from the southern Western Ghats with notes on sect. *Reichenheimia* in India. 2019. *Phytotaxa* 423 (5): 277–283.

TEACHING EXPERIENCE:

Under Graduate

Sr. No	Class	Institute/University	Nature of Appointment	Year
1.	B. Sc. Botany	Doodh-Sakhar Mahavidyalaya, Bidri.	Clock Hour Basis	2008-09
2.	B. Sc. Botany	Gopal Krishna Gokhale College Kolhapur.	Clock Hour Basis	2013-14
3.	B. Sc. Botany	Doodh-Sakhar Mahavidyalaya, Bidri.	Clock Hour Basis	2013-14
4.	B. Sc. Botany	Gopal Krishna Gokhale College Kolhapur.	Clock Hour Basis	2014-15
5.	B. Sc. Botany	Devchand College Arjunnagar, Kagal.	Clock Hour Basis	2014-15
6.	B. Sc. Botany	Vijaysinh Yadav Arts and Science College Pethvadgaon, Kolhapur.	Clock Hour Basis	2014-15
7.	B. Sc. Botany	Rajaram College, Kolhapur.	Clock Hour Basis	2014-15
8.	B. Sc. Botany	Gopal Krishna Gokhale College Kolhapur.	Clock Hour Basis	2015-16
9.	B. Sc. Botany	Vijaysinh Yadav Arts and Science College Pethvadgaon, Kolhapur.	Clock Hour Basis	2015-16
10.	B. Sc. Botany	Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.	Clock Hour Basis	2015-16
11.	B. Sc. Botany	Rajaram College, Kolhapur.	Clock Hour Basis	2015-16
12.	B. Sc. Botany	Gopal Krishna Gokhale College Kolhapur.	Clock Hour Basis	2016-17
13.	B. Sc. Botany	Vijaysinh Yadav Arts and Science College Pethvadgaon, Kolhapur.	Clock Hour Basis	2016-17
14.	B. Sc. Botany	Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.	Clock Hour Basis	2016-17
15.	B. Sc. Botany	Rajaram College, Kolhapur.	Clock Hour Basis	2016-17
16.	B. Sc. Botany	Gopal Krishna Gokhale College Kolhapur.	Clock Hour Basis	2017-18
17.	B. Sc. Botany	Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.	Clock Hour Basis	2017-18
18.	B. Sc. Botany	Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.	Clock Hour Basis	2018-19
19.	B. Sc. Botany	The New College, Kolhapur.	Clock Hour Basis	2018-19
20.	B. Sc. Botany	Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.	Clock Hour Basis	2019-20 Up to 20 Feb. 2020

Post Graduate

Sr. No	Class	Institute/University	Nature of Appointment	Year
1.	M. Sc. Agrochemicals and Pest Management	Devchand College Arjunnagar, Kagal.	Contributory Teacher	2014-15

ACADEMIC EXPERIENCE:

- Worked as coordinator of science wing from July 2019 to February 2020 Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.
- Worked as Head, Department of Botany in Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur from 12-07-2016 to 20-02-2020.
- Member of IQAC at Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur from 8th August 2017 to 20-02-2020.
- Member of Editorial Board of “Shahaji Varta” three monthly bulletin published by Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.
- Member of IUCN SSC Western Ghats Plant Specialist group.

RESEARCH GUIDE:

- Completed research project on “**Tree survey of gardens in Kolhapur city**” under research sensitization scheme for college students, in collaboration with Shivaji University.

Research students: Miss. Trupti B. Padawal, Miss. Kajal P. Padawal, Miss. Vaishnavi V. Shevale and Mr. Abhijit S. Jadhav (B. Sc. III, Botany students).

WORKSHOP CO-ORDINATED:

- One day workshop on “**Rare Endangered & Threatened (RET) Plant species of Western Ghats**” Under GKG Lead College cluster on 4th September 2015 in Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.
- One day workshop on “**Research Promotion Activity**” Under Research Sensitization Scheme of Shivaji University, Kolhapur on 7th December 2018 in Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.
- Two Days **Science Academies** Lecture Workshop on “**Systematics, Conservation and Sustainable Development**” on 26th and 27th December, 2018 in Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.

WEBINAR CO-ORDINATED:

- One day National Webinar on “**Plant Diversity of Konkan**” on 29th June, 2020 in Sharadchandra Pawar Mahavidyalaya, Lonand.
- One day National Webinar on “**Identification of grasses and their importance in environment & human life**” on 5th June, 2021 in Sharadchandra Pawar Mahavidyalaya, Lonand.

Coordinator:

- a. Certificate course (6 months, 2017-2018) of Shivaji University, Kolhapur on “**Introduction and Conservation of Aromatic and Medicinal Plants**” held at Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.
- b. Certificate course (6 months, 2018-2019) of Shivaji University, Kolhapur on “**Introduction and Conservation of Aromatic and Medicinal Plants**” held at Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.

WORKSHOP ATTENDED:

1. State level workshop on “**Conservation and Enrichment of natural Resources**” 15-17 January 2007, Organized by S.B.V.P. Samaj’s Sahakar Maharshi Bhasaheb Santuji Thorat college of Arts, Science and Commerce, Sangamner Dist.-Ahmadnagr (MS), Sponsored by University of Pune.
2. “**Field workshop on Pollination Biology**” 7-13 February 2007, Conducted by Prof. Amots Dafni; Institute of Evolution, University of Haifa, Israel. Organized by Ashoka Trust for research in ecology and the Environment (ATREE), Bangalore.
3. “**National Workshop on Live demonstration of Medicinal Plants**” 1st to 3rd October, 2009 at Amboli organized by Ankur Charitable Association Kolhapur.
4. International workshop on “**Issues related to Biodiversity, Socio-cultural Traditions and Livelihoods in Warana River Basin and other Case Study basin of Liverdivers Project**” 11th December, 2009, Conducted by SOPPECOM, Y.C. Warana Mahavidyalaya and Shivaji University, Kolhapur.
5. “**Flower Decoration and Designing**” 8th September 2015, Conducted by CSIBER Kolhapur under Lead College Scheme.
6. “**Revised syllabus of Botany for B.Sc.-III Paper XIII to XVI**” 23rd September 2015, organized by Department of Botany, D.K.A.S.C. College, Ichalkaranji.
7. “**Loksahbhagatun Vrikshvalli Sanvardhan**” 14th March 2016, organized by Department of Botany, Shivaji University, Kolhapur.
8. “**Avishkar Orientation Programme**” 1st September 2016, Jointly organized by Shivaji University and Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur under Lead College Scheme.
9. “**Research Methodology for Undergraduate Students**” 6th October 2016, organized by Department of Botany, New College Kolhapur.
10. “**Career Opportunities for Life Science Students**” 16th December 2016, organized by Department of Botany and Zoology, Gopalkrishna Gokhale College, Kolhapur.
11. “**Interdisciplinary research opportunities in Life science with respect to Bioinformatics**” 1st October, 2016 organized by Department of Biotechnology, Vivekanand College, Kolhapur.
12. “**Formulation of Research Proposals under RGSTC scheme**” 6th May 2017, organized by Department of Chemistry, Shivaji University, Kolhapur under RGSTC scheme.
13. “**Role of Teacher in Organization and Management of College**” 4th October 2017, conducted by Mahila Mahavidyalaya, Kasaba Beed under lead college scheme.
14. “**Avishkar**” 25th November, 2017 jointly organised by Shivaji University Kolhapur and Kolhapur Institute of Technology College of Engineering, Kolhapur under lead college scheme.
15. **Science Academies lecture workshop on “Plant Sciences: Challenges and Opportunities**” 19th and 20th December 2017, organized by Department of Botany, New College Kolhapur.
16. **Understanding Choice Based Credit System**, 24th June 2018, Organized by Vivekanand College, Kolhapur.
17. **Shivaji University, Kolhapur C.B.C.S workshop**, 3rd July 2018, Organized by The New College, Kolhapur.
18. **Revised syllabus of B.Sc. I Botany (Practical) as per CBCS**, 20th August, 2018 organized by The New College, Kolhapur.
19. “**Sustainable Development and Green Audit**” 7th September, 2018, Organized by Department of Fashion Design, College of Non-Conventional Vocational Courses For Women, Kolhapur.
20. “**Fruits and Vegetable Processing: Need of Hour**” 4th January, 2019, Organized by Kamala College under Lead College Scheme.

SEMINAR ATTENDED:

- National seminar on ‘**The wetlands**’ in the year 2004-05, organized by Department of Botany, Shivaji University Kolhapur.
- Participated in Dr. G. V. Joshi Seminar competition in 2005, Organized by Department of Botany, Shivaji University, Kolhapur.
- National seminar on ‘**Biodiversity and Climate Change**’ in the year 2015, organized by Department of Botany, Shivaji University Kolhapur.

CONFERENCE ATTENDED:

- XVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on ‘**Changing Scenario in Angiosperm Systematics**’, in the year 2007, Organized by Department of Botany, Shivaji University, Kolhapur.

- XX Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on ‘**Taxonomy, Plant Diversity and Conservation**’, in the year 2010, Organized by Department of Botany; Bharathiar University, Coimbatore.
- National Conference on “**Live demonstration of Medicinal Plants in Winter Season**” 9th to 11th December, 2011 at Amboli, organized by Ankur Charitable Association, Kolhapur.
- International conference on ‘**Emerging Trends in Basic and Applied Sciences**’ in the year 2015, Organized by Karmveer Hire Arts, Science and Education College, Gargoti, Dist. Kolhapur.

REVIEWER: Worked as reviewer for **PHYTOTAXA** International Journal in Plant Systematics.

RESOURCE PERSON/GUEST LECTURE:

1. Team Leader and resource person in Conferences of Ankur Ayurveda(2009 & 2011).
2. For Medicinal plants of Western Ghats in Gopal Krishna Gokhale College, Kolhapur (2014-2020).
3. For Medicinal plants of Western Ghats in New College, Kolhapur (2016-2017).
4. Plant expert (Taxonomist) for B.Sc. I students of Shri Shahaji Chhatrapati Mahavidyalaya in 2015.
5. Resource person for Career Guidance in Mahatma Jyotirao Phule Junior College, Rajputwadi, Kolhapur in 2016.
6. Resource person for Pulses and its importance in Mahila Melava at Datta Colony Kolhapur in 2017.
7. Resource person for plant identification in Sahyadri Tiger Reserve, Karad in 2017.
8. For forest department as a taxonomist in Wild life week. (1-7 Oct. 2017)
9. Resource person for understanding plant taxonomy at Kundal forest Training centre.
10. For Begonias of Western Ghats and Botanical Career in New College, Kolhapur (29-11-2017).
11. “Researches in Plant sciences” for one day workshop on research Sensitization scheme for college students. (22-11-17) in Chhatrapati Shahaji Mahavidyalaya, Kolhapur.
12. Delivered lectures on “Morphology of Angiosperm” in Equinox Environments Pvt. Ltd., Kolhapur from 27-06-2017.
13. Delivered lecture on “Westren Ghats, Endemism and Medicinal Plants” at M. H. Shinde Mahavidyalaya, Tisangi on 26-07-2017.
14. Delivered lecture on “Western Ghats Biodiversity and Medicinal plants” under Shahu Club in Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on 28-07-2017.
15. Delivered lecture on “Pushmandit Bhadrpad” under Marathi Department in Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on 09-08-2017.
16. Delivered expert lecture on “**Environmental consciousness**” in the **Multidisciplinary National Conference** held at K. N. Bhise Arts and Commerce College, Kurduwadi on 17 February, 2018.
17. Delivered lecture on Western Ghats and Medicinal Plants for Gardens Club members at Residency Club, Kolhpaur on 19th August 2018.
18. Delivered lecture on Plant Biodiversity of Western Ghats” in Chhatrapati Shahu Institute of Business Education and Research (CSIBER), Kolhapur on 5th September, 2018.
19. “Researches in the field of science” for one day workshop on research Sensitization scheme for college students. (07-12-18) in Chhatrapati Shahaji Mahavidyalaya, Kolhapur.
20. Delivered lecture on Medicinal Plants for Gardening and Nursery Management Course under Community Development Center Shivaji University, Kolhapur organized by Gardens Club, Kolhapur on 3rd January, 2019.
21. Delivered lecture on Environmental Consciousness for NSS Students and Local peoples in NSS Camp organized by Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on 16th January, 2019.
22. Delivered lecture on “Genus *Terminalia* in Maharashtra” for B.Sc. III students, organized by The New College, Kolhapur on 31st January 2019.
23. Delivered lecture on Importance of Wetlands for B.Sc. students organized by Gopal Krishna Gokhale College, Kolhapur on 2nd February 2019.
24. Delivered lecture on “Environmental Consciousness” at Amba organized by Amar Nisarg Mandal (DABN Arts and Science College Chikhali) and Lions Club of Kolhapur Trust on 2nd March 2019.
25. Delivered lecture on Plant Morphology, Propagation and Identification in Mali Training Programme under Green Fingure Activity of Gardens Club Kolhapur on 28th April, 2019.

26. Delivered lecture on Medicinal Plants and Herbal Garden to students of Gardens Club Kolhapur on 9th October, 2019.
27. Delivered lecture on “Biodiversity in Western Ghat and Career opportunities in Botany” at Yashwantrao Chavan Mahavidyalaya, Halkarni, Chandgad on 21st December, 2019.
28. Delivered lecture on “Biodiversity” at Vithhalrao Patil Mahavidyalaya, Kale in lead college workshop on 27th December, 2019.
29. Delivered lecture on “Systems of Classification” at Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji on 25th January, 2020.
30. Delivered lecture on “Plastic innovation and reality” at Manoli for Nature camp of Deshbhakt Anandrao Balawantrao Naik arts and Science College, Chikhali on 17th February, 2020.
31. Delivered lecture on “Biodiversity Conservation” at Gopal Krishn Gokhale College, Kolhapur in lead college workshop on 17th February, 2020.
32. Delivered online lecture on “Importance of Native Plants” at Sindhujan Academy, Pune on 6th September, 2020.
33. Delivered online lecture on “Biodiversity of Western Ghats with special reference to Angiosperms” at Karnatak Science College, Dharwad on 7th December, 2020.
34. Delivered online lecture on “Western Ghats, Plant Diversity and Conservation” at Dada Patil Mahavidyalaya, Karjat on 1st March, 2021.
35. Delivered online talk on Medicinal plants at Gopal Krishn Gokhale College, Kolhapur on 8th, 21st, 22nd, 28th, 29th May 2021.
36. Delivered online lecture on “Biodiversity of Western Ghats” at Yashwantrao Chavan Institute of Science, Satara on 31st May, 2021.
37. Delivered online lecture on “Environment and Plant diversity of Western Ghats” at Amdar Shshikant Shinde Mahavidyalaya, Medha, Satara on 5th June, 2021.
38. Delivered online lecture on “Wild Vegetables in Sahyadri” at Prof. N. D. Patil Mahavidyalaya, Perid, Malakapur on 19th June 2021.
39. Delivered online lecture on “Importance native trees in Plantation” at Athalye Sapre Pitre Mahavidyalay, Devrukh in collaboration with Sahyadri Sankalp Society and Srustidnyan on 4th July 2021.

CHIEF GUEST:

1. As Chief Guest in Annual Carnival of Kidzee Pre School, Bondre Nagar on 30-12-2017.
2. As Chief Guest in Lead College Workshop at Prof. Dr. N. D. Patil Mahavidyalaya, Malakapur (Perid) on 11-01-2018. In the same workshop delivered lecture on “**Biodiversity of Western Ghats and Medicinal Plants**”.

KOLHAPUR AKASHWANI (102.7 FM):

1. **Delivered daily talk on Plant Taxonomy: Its importance and Utilization and Polypetalous Plant families** (वनस्पती वर्गीकरण शास्त्राचे महत्व आणि उपयुक्तता तसेच वनस्पतींच्या मुक्तदल कुटुंबाविषयी/कुलाविषयी माहिती) from 1st -31st May 2018 under Vidnyan Jagat at 8.40 am.
2. **Delivered daily talk on Gamopetalous Plant families** (वनस्पतींच्या संयुक्तदल कुटुंबाविषयी/कुलाविषयी माहिती) from 1st -30th September 2018 under Vidnyan Jagat at 8.40 am.
3. **Delivered daily talk on Apetalous Plant families** (वनस्पतींच्या अदल कुटुंबाविषयी/कुलाविषयी माहिती) from 1st -28th February, 2019 under Vidnyan Jagat at 8.40 am.
4. **Hosted interview of Prof. S. R. Yadav on Lead Botanic Garden in Vidnyan Vishwa, May 2019.**

GENERAL ARTICLES:

1. “Waste nave Best Land (वेस्ट नव्हे बेस्ट लँड) in daily Lokmat, 3rd February, 2016 on the occasion of International Wetland Day.
2. “Jaivividhetecha Varasa Apanach Japooya (जैवविधतेचा वारसा आपणच जपूया)” in Daily Pudhari, 5th June 2017 on the occasion of World environment day.
3. “ Vasa Vansavandhanacha Rashtrahitacha (वसा वनसंवर्धनाचा राष्ट्रहिताचा)” in Daily Pudhari, 23rd July 2017 on the occasion of World Forest Day.
4. “Ful Umbarache ani Orchidche (फुल उंबराचे आणि ऑर्किडचे)” in Bahar of daily Pudhari on 6th August 2017.
5. “Divas ani ratrila nyay denara Vishuvdin (दिवस आणि रात्रीला समान न्याय देणारा विषुवदिन)” in Daily Pudhari, 22nd September 2017 on the occasion of Equinox Day.
6. “Nagpushp nave Samudrapen” (नागपुष्प नव्हे समुद्रपेन) in Bahar of daily Pudhari on 12th November 2017.
7. “Talyanch-Kamalanch Gav Kolhapur (तळ्याच-कमळांच गाव कोल्हापूर...!) in Daily Pudhari, 2nd February, 2018 on the occasion of International Wetland day.
8. “Vanaspatincha Fulora” (वनस्पतींचा फुलोरा) in daily Punyanagari 15th February 2018 on the occasion of 15th anniversary of daily Punyanagari.
9. “Pani Pani re” (पाणी पाणी रे) in Daily Pudhari, 22nd March, 2018 on the occasion of International Water day.
10. “Jalniti Purvjanchi: Shivrayanchi ani Shahu Maharajanchi” (जलनीती पूर्वजांची: शिवरायांची आणि शाहू महाराजांची) in Daily Lokmat, 22nd March, 2018 on the occasion of International Water day.
11. “Plasticmuktichya dishene” (प्लास्टिकमुक्तीच्या दिशेने) in Daily Lokmat, 5th April, 2018.
12. “Kajavyanchi Jivdipti”(काजव्यांची जीवदीप्ती) in Bahar of daily Pudhari on 27th May, 2018 on the occasion of Firefly Festival.
13. Bharatiy Paryavaranachi Durdasha (भारतीय पर्यावरणाची दुर्दशा) in Daily Pudhari, 5th June, 2018 on the occasion of International Environment day.
14. Bharatiy Krushikrantiche Janak: Rajarshi Shahu Maharaj (भारतीय कृषीक्रांतीचे जनक : राजर्षी छत्रपती शाहू महाराज) in online edition (Blog) of Pudhari, 28th June, 2018 on the occasion of Shahu Jayanti.
15. “Himalayat 400 varshatun Ekdach umalnar Mahameru pushpam ahe tari kay?” (हिमालयात ४०० वर्षातून एकदाच उमलणारं महामेरू पुष्पमं आहे तरी काय ?) in Bahar of daily Pudhari on 29th July 2018.
16. “Ful Nivadungach Ani Brahmkamalach” (फुल निवडुंगाच आणि ब्रह्मकमळाच) in Bahar of daily Pudhari on 10th February 2019.
17. “Chhatrapati Shivrayanchi Nisargniti” (छत्रपती शिवरायांची निसर्गनीती) in Daily Pudhari, 6th June, 2019 on the occasion of Shivrajyabhishek Din.
18. सुरण (Elephants Foot Yam) या वनस्पतीविषयी मराठी विश्वकोश या संकेतस्थळावर लेख प्रसिद्ध. दि. १६/०५/२०१९. <https://marathivishwakosh.org/7353/>
19. अग्रणी वनस्पती उद्याने (Lead Botanic Gardens) या विषयावरील लेख मराठी विश्वकोशाच्या संकेतस्थळावर प्रसिद्ध. दि. २४/०९/२०१९. <https://marathivishwakosh.org/7039/>

EXAMINER:

- Worked as examiner in University practical exams of B. Sc. I (2014-2019) at different colleges.
- Worked as examiner in University practical exams of B. Sc. II (2016-2019) at different colleges.
- Worked as examiner in ‘Identification and conservation of Medicinal plants’ at G. K. G. College conducted by Shivaji University, Kolhapur.

- Worked as examiner and examined research projects under “Research Sensitization Scheme for College Students” at Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur under Lead College Scheme.
- Worked as examiner in Dayanad College, Solapur University for M.Sc. II Botany.
- Worked as paper setter for Solapur University, Solapur.
- Worked as a Jury in “Green College Clean College Competition” Organized by Kirloskar Vasundhara Eco Rangers (KVER) on 18-03-2019.

EXTRA-CURRICULAR ACTIVITIES:

- Reading
- Traveling: Study of Nature.
- Plantation and Conservation.
- Photography

OTHER ACTIVITIES:

- Took part in Biodiversity and Environment awareness activities.
 - Active participation in different movements and functions related to history.
 - Completed Training course of **Modi Script** conducted by Kolhapur Archives Maharashtra Government.
-

Academic Work during Lockdown Period

No.	Certificate Title	Date
Conferences: International		
1.	Participated and presented poster on “Mangrove forest: Its biodiversity in India & Importance” in International Conference on ‘Climate Change, Mangroves and Sustainable Management’ organized by Shri Pancham Khemraj Mahavidyalaya, Sawantwadi.	24 th April 2020
2.	Participated in “Recent Trends in Plant Science” organized by Shri D. H. Agrawal Arts, Shri. Rang Avadhoot Commerce and Shri. C. C. Shah & M. G. Agrawal Science College, Navapur, Dist. Nandurbar	15 th May 2020
3.	Participated and presented poster on “Some grass genera of Katyayani Hills, Kolhapur (MS), India” in International Web Conference on “Science, Engineering & Technology (IWCSET-2020)” organized by Society for Technologically Advanced Materials of India.	15 th -16 th May 2020
4.	Participated in International E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World” organized by Government Vidarbha Institute of Science & Humanities, Amravati, India	15 th -17 th May 2020

5.	Participated in online international conference on “Biodiversity Conservation and Tourism” organized by Shri. S. H. Kelkar College of Arts, Commerce and Science, Devgad, Dist. Sindhudurg.	17 th May 2020
6.	Participated in online Multidisciplinary International Conference on “Health Hygiene and Higher Education” organized by Sant Rawool Maharaj Mahavidyalaya, Kudal, Dist. Sindhudurg.	30 th May 2020
7.	Participated in International E-Conference on “Plant Science” organized by Department of Botany, Swami Vivekanand Senior College Mantha Dist. Jalna.	1 st June 2020
8.	Participating in International e-Conference on “Emerging Trends in Bioscience and Technology” (ETBT-2020) jointly organized by School of Science, Sandip University, Nasik, India & Biotechnology Society of Nepal (BSN), Nepal.	1 st to 3 rd June 2020
9.	Participated in International Web Conference on “Road Map to Future Environment” organized by St. Johns College, Agra, India.	5 th June 2020
10.	Participated in global web conference on “Pandemic Covid-19: Global Impact on Environment and Sustainable Development (PESD 2020)” organized by DDU Govt. P.G. College, Saidabad, Prayagraj (U. P.), India.	5 th -6 th June 2020
11.	Participated in the Virtual International Poster Conference on “COVID-19 (VIP-C-COVID: Impact and Response)” organized by Internal Quality Assurance Cell (IQAC), Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti, Tal – Bhudargad, Dist – Kolhapur, M.S. India	12 th -13 th June, 2020
12.	Participated in the Virtual International E- Conference on “Recent Trends in Life Sciences” organized by department of Botany and Internal Quality Assurance Cell (IQAC), Shrimant Babasaheb Deshmukh Mahavidyalaya, Atpadi.	27 th July 2020
13.	Participated and presented poster on “Present Status of Plant Diversity in India & Its Conservation” in International e-Conference on “Conservation of wild Taxa: Present Scenario (ICCWTPS2021)” organized by Department of Botany, Shri Yashwantrao Patil Science College, Solankur (MS). <i>*Secured 5th Rank in Poster presentation Competition in this conference.</i>	5 th February 2021
14.	Participated in two days International Conference on "Recent Advances in Chemical, Physical and Biological Sciences" Organized by Department of Chemistry, Nabira Mahavidyalaya, Katol and Association of Chemistry Teacher, Mumbai	29 th and 30 th June 2021

Conferences: National		
15.	Participated in the National Level Virtual Conference On “Environment and Biodiversity for Sustainable Development” organized by Raje Ramrao Mahavidyalaya, Jath, Dist - Sangli, Maharashtra, India.	4 th - 5 th June 2020
16.	Participated in National Multilingual Conference on “Problems and Opportunities in Agriculture in and After Covid-19” organized by Jaysingpur College, Jaysingpur.	25 th June 2020
17.	Participated in National E-Conference On “Scope of Life Science in Disease Management“ (S L D M 2020) organized by Arts Science & Commerce College, Ramanandnagar (Burli), Tal-Palus, Dist-Sangli	11 th July 2020
18.	Participated in National Virtual Conference on “Intellectual Property Rights” organized by D.B.F. Dayanand College of Arts & Science, Solapur.	8 th August 2020
Symposium		
19.	Participated in State level online Symposium on Shetipurak Wyavsay ani Shaswat Rojgarachya Sandhi” organized by Shri Pancham Khemraj Mahavidyalaya, Sawantwadi.	22 nd to 24 th May 2020
20.	Participated in Online International Symposium on “Biotechnological Potential of Mushroom; An Emerging Approach to Fight Against Covid-19” organized by Shri Guru Tegh Bahadur Khalasa Collge, Jabalpur (M.P.).	23 rd to 24 th May 2020
21.	Participated in Online International Symposium on “Role of Plants as Medicine and Immunity Booster with special reference to Covid-19 Pandemic” organized by Shri Guru Tegh Bahadur Khalasa Collge, Jabalpur (M.P.).	26 th to 27 th May 2020
22.	Participated in One day National Symposium on the occasion of World Environment Day dedicated to Environmentalist Shri. Sundarlal Bahuguna jointly organized by Gujarat Vidyapith, Ahmedabad IQAC Cell & Centre for Studies in Rural Management, Randheja, Gandhinagar and Sonopant Dandekar Arts, V.S. Apte Commerce and M. H. Mehta Science College, Palghar, Maharashtra	4 th June 2021
Seminars		
23.	Participated in National Level Online Seminar on “Research Methodology and SPSS” organized by Tuljaram Chaturchand College of Arts, Science and Commerece, Baramati	8 th to 9 th June 2020
24.	Participated in the seven days International online seminar on “Natural Products for Health Management” Organized by Department of Botany, Periyar University Constituent College of Arts and Science, Harur, Tamil Nadu.	10 th to 16 th June 2020

25.	Participated in the National e-Seminar on “Biodiversity of India: An Overview” organized by D. P. Bhosale College, Koregaon, Satara.	20 th July 2020
26.	Participated in Two-Day Online National Seminar on “Role of Basic Science and Biotechnology in Mitigating Covid-19 Pandemic” organized by J. M. Patel Arts, Commerce and Science College, Bhandara and Rajiv Gandhi Biotechnology Centre Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur under Star College Scheme of DBT.	29 th to 30 th July 2020
Workshops		
27.	Participated in online one day workshop on “Computer Aided Drug Designing” organized by Priyadarshini J. L. College of Pharmacy, Nagpur.	1 st May 2020
28.	Participated in online one day National Level Workshop on “Research Ethics and Plagiarism Control” organized by Anna Leela College of Commerce and Economics and Shobha Jayram Shetty College for BMS.	15 th May 2020
29.	Participated in online one day National Level Workshop on “Office Management and Stress Management” organized by Shivraj College of Arts, Commerce and D. S. Kadam Science College, Gadhinglaj.	26 th May 2020
30.	Participated in online two day National Level Workshop on “Google Apps for Education and Moodle” organized by Rajaram College, Kolhapur.	2 nd and 3 rd July 2020
31.	Participated in two day National Level E-Workshop on “Understanding OBS Studio & Streamyard for E-Content Creation and Live Streaming” organized by Faculty of Humanities and Science, Adayalampattu Phase -II campus (Dr. M. G. R. Educational and Research Institute, Chennai, Tamil Nadu)	10 th to 11 th July 2020
32.	Participated in online one day National Level Workshop on “Preparation of Bonsai & it’s Commercial values” organized by Waghire College, Saswad (Pune) under DBT-STAR college scheme.	14 th December 2020
33.	Participated in National Workshop on ‘Agro-business Opportunities in Biosciences’ organized by Incubation Center and IQAC, Krishna Mahavidyalaya, Rethare Bk.	1 st to 5 th February, 2021
34.	Participated in the online workshop on “Plant Nomenclature” organized by the Department of Botany, Shivaji University, Kolhapur	1 st to 5 th February, 2021
35.	Participated in the Science Academies’ Virtual Lecture Workshop on “Taxonomy, Floristics and Conservation” organized by the Department of Botany, PSGR Krishnammal College for Women, Coimbatore.	27 th to 28 th April 2021

36.	Participated in the 7 days National Workshop on “Mushroom Production and its Post Harvesting Technology” organized by the Department of Botany, Govt. N.P.G. College of Science, Raipur	5 th to 11 th May 2021
37.	Participated in the National Workshop on “State Level Online Workshop on Biodiversity and Sustainable Development” organized by the Department of Botany, Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar, Sangali	27 th May 2021
38.	Participated in Two day Research Ethics” Under UGC Scheme STRIDE Component – I (Research Capacity Building) organized by Department of Library, Vinayakrao Patil Mahavidyalaya, Vaijapur, Aurangabad.	7 th and 8 th June 2021
Course		
39.	Successfully Completed “3 Days Online Course on Biomedical Nanotechnology” with ‘A’ grade organized by Indian Academic Research Association, Tamil Nadu.	7 th to 9 th May 2020
40.	Successfully completed 5 Days Program on ‘IT Skills for Smart Teaching’ organized by Rotary International District 3132.	27 th to 31 st July 2020
41.	Successfully Completed “3 Month Online Course on Kitchen Gardening organized by Br. Balasaheb Khardekar College, Vengurla in collaboration with Gardens Club of Kolhapur.	23 rd July to 8 th October 2020
Short Term Course		
42.	Successfully Completed E-Short term course on “Teaching, Learning and Evaluation in Botany” with ‘A’ grade organized by Sahyadri Botanical Society, Kolhapur and Doodhsakhar Mahavidyalaya, Bidri, Dist. Kolhapur	12 th to 17 th May 2020
43.	Successfully Completed E-Short term course on “Online Teaching Using Google Classroom and Google Forms” organised by the Adarsh College of Pharmacy, Vita, Dist. Sangli	15 th May 2020
44.	Successfully completed One Week Online Interdisciplinary Short Term Course on “Basics of Organic Farming” organized by Athalye-Sapre-Pitre College (Autonomous), Devrukh, Dist: Ratnagiri.	31 st May to 06 th June 2020
45.	Successfully completed National Level Online One Week Short Term Course on “Green Audit” Organized by Department of Environmental Science, Osmania University and Environment Protection Training and Research Institute- (EPTRI), Hyderabad, Telangana, India.	09 th to 14 th August, 2020
Faculty Development Program		
46.	Successfully completed Two Weeks Faculty Development Programme on "Managing Online Classes and Co-creating	20 th April to 6 th

	Moocs" organized by Teaching and Learning Centre, Ramanujan College, University of Delhi.	May 2020
47.	Successfully completed Two Weeks Faculty Development Programme on " Tools for Online Teaching and Learning Process" organized by Department of Pharmacy, Government Polytechnic, Jalgaon approved by MSBTE, Mumbai.	20 th April to 17 th May 2020
48.	Successfully completed National level Faculty Development Program on "Decoding Examination During Post Covid-19" organized by SKILSLATE powered by Zovy studios, Pune.	8 th May 2020
49.	Successfully completed One Week National Online Faculty Development Program on "ICT Tools for Effective Teaching Learning" organized by Swami Ramanand Teerth Marathwada University, Nanded.	11 th to 16 th May 2020
50.	Successfully completed the Two Weeks Faculty Development Programme On "Empowerment Through Digital Technology and E-Learning" organised by Shreemati Nathibai Damodar Thackersey (SNDT) Women's University, Mumbai.	18 th to 30 th May 2020
51.	Successfully completed One Week National Level Online FDP for Trainers on "Mastering the Art of Handling Post Covid Challenges for Sustainable Development" organized by the Faculty of Humanities and Science, Adayalampattu Phase II campus, Maduravoyal, Chennai	19 th to 23 rd May 2020
52.	Successfully completed One Week National Level Online FDP on "E-Content Development and Delivery, Research Methodology and Autonomy" Organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur-24.	27 July to 1 August 2020
53.	Participated in two days FDP on "Updates and Upgrades in Education and Research" organized by acred Heart College, Tirupattur, Tirupattur district, Tamil Nadu.	4 th to 5 th September 2020
54.	Participated in Online National Level Seven Days Faculty Development Programme (FDP) on "Post- COVID and Higher Education" organized by Late Sow. Kamaltai Jamkar Mahila Mahavidyalaya, Parbhani.	19 th to 26 th April 2021
55.	Participated in Online National Level Seven Days Faculty Development Programme on "Research Methodology" organized by Kamala Neharu Mahavidyalaya, Nagpur	26 th to 1 st May 2021
Induction Training / Orientation Program		
56.	Successfully completed a 4-Week Induction / Orientation Programme for "Faculty in Universities / Colleges / Institutes of Higher Education" organized by Teaching and Learning Centre, Ramanujan College, University of Delhi.	4 th June to 1 st July 2020

	(A ⁺ Grade)	
Webinars		
57.	Participated in online webinar on “E-Content Development Tools and Technique” organized by S.M.Joshi College,Hadapsar,Pune.	2 nd May 2020
58.	Participated in international webinar on “Plant-derived smoke compound as bio-stimulants and their application in crops” organized by KLE Society’s Science & Commerce College Kalamboli, Navi Mumbai, India	9 th May 2020
59.	Participated in international webinar on “Covid-19: Considerations for Vaccine” organized by Mithibai College of Arts, Chauhan institute of Science and Amrutaben Jivanlal College of Commerce and Economics, Vileparle, Mumbai	12 th May 2020
60.	Participated in international webinar on “Intellectual Property Rights, An Overview: Myth & Realities” organized by KLE Society’s Science & Commerce College Kalamboli, Navi Mumbai, India	6 th June 2020
61.	Participated in Three Day National Webinar “Covid 19 : Challenges and Road Ahead” organized by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.	7 th to 9 th May 2020
62.	Participated in Seven Day National Webinar series “Teaching Learning Tools for the Digital Era” organized by Shri Ramkrishna Collge of Arts and Science for Woman.	11 th to 16 th May 2020
63.	Participated in the webinar on “Evolution of science seen from historical perspective” Conducted by the Department of Botany, Deshbandhu College, University of Delhi.	12 th to 13 th May 2020
64.	Participated in the AARI Bioscience Webinar Series Session-III, entitled "Seaweed Biodiversity of India: Current Knowledge-base and identifying gaps, challenges, and Opportunities" organized by Annakkili Amma Research Institute (AARI), Tamil Nadu.	16 th May 2020
65.	Participated in the National Webinar "Biodiversiy and Public Health" organized by Eco Club Shivaji College, University of Delhi.	19 th May 2020
66.	Participated in the National Webinar on "Molecular Taxonomy and DNA Barcoding: Concepts Methods and Applications" organized by R. D. & S. H. National College and S.W. A. Science College, Bandra, Mumbai.	20 th May 2020
67.	Participated in the National Webinar on "New opportunities in Medicinal Plants Sector for Farmers and Entrepreneurs" organized by Mansarovar Global University.	24 th May 2020
68.	Participated in the National Webinar on "Attracting, Motivating and Sustaining Youth in Agriculture –	27 th May 2020

	Opportunities, Challenges and the way Forward in Post Covid-19 era" organized by Madras Christian College.	
69.	Participated in the AARI Bioscience Webinar Series Session-III, entitled "Importance of Myco-taxonomy & need of Myco-Databases documentation" organized by Annakkili Amma Research Institute (AARI), Tamil Nadu.	28 th May 2020
70.	Participated in the National Webinar on "Covid-19 and Geonomics" organized by Chhatrapati Shivaji College, Satara.	28 th May 2020
71.	Participated in the National Webinar on "IPR and Its Dimensions" organized by Shri Pancham Khemraj Mahavidyalaya, Sawantwadi.	29 th May 2020
72.	Participated in the National Webinar on "Importance of Environment Consciousness and Sustainability in Accreditation of Higher Educational Institutions" organized by T. K. M. College of Arts and Science, Kollam.	29 th May 2020
73.	Participated in the National Webinar on "Human, Health & Herbs-3H" organized by Mahila Vidyalaya Degree College, Aminabad, Lucknow	30 th May 2020
74.	Participated in the AARI Bioscience Webinar Series Session-III, entitled "Need of the study of rust fungi in plant pathology" organized by Annakkili Amma Research Institute (AARI), Tamil Nadu.	31 st May 2020
75.	Participated in the National Webinar on "Mycorrhizal Fungi for Sustainable Agriculture" organized by Mycological Society of India, Mumbai.	1 st June 2020
76.	Participated in the National Webinar on "Mangrove diversity of Maharashtra" organized by Dapoli Urban Bank Senior Science College, Dapoli-Ratnagiri.	2 nd June 2020
77.	Participated in the National Webinar on "Biodiversity and Man" organized by Dyal Singh College, University of Delhi, in collaboration with Society for Ecological Research and Natural Resources Management.	5 th June 2020
78.	Participated in the National Webinar on "Education platform for online teaching and learning" organized by Sharadchandra Pawar Mahavidyalaya, Lonand.	26 th June 2020
79.	Participated in the National Webinar on "Reaccreditation Framework" organized by Sharadchandra Pawar Mahavidyalaya, Lonand.	27 th June 2020
80.	Participated in the National Webinar on "Problems and Opportunities in Human Resource and Development: During and Post COVID-19" organized by Sharadchandra Pawar Mahavidyalaya, Lonand.	28 th June 2020
81.	Worked as Coordinator for the National Webinar on "Plant Diversity of Konkan" Organized by Department of Botany, Sharadchandra Pawar Mahavidyalaya, Lonand.	29 th June 2020

82.	Participated in the State Level Webinar on “Rajarshi Shahu Maharaj Yanche Samajik Jadanghadanitul Yogdan” organized by Sharadchandra Pawar Mahavidyalaya, Lonand.	7 th July 2020
83.	Participated in the National Webinar on “The Covid-19 Outbreak and Immunity: Mediating Role of Aerobic Exercise and Yoga Practice” organized by Sharadchandra Pawar Mahavidyalaya, Lonand.	9 th July 2020
84.	Participated in the AARI Bioscience Webinar Series Session-III, entitled "Plant Evolution: Endemic Radiation in Speciation" organized by Annakkili Amma Research Institute (AARI), Tamil Nadu.	10 th July 2020
85.	Participated in the National Webinar on “Techniques in Genomics & Proteomics” organized by Rajarshi Chhatrapati Shahu College, Kolhapur.	11 th July 2020
86.	Participated in the AARI Bioscience Webinar Series Session-III, entitled "Herbal Drug Technology" organized by Annakkili Amma Research Institute, Tamil Nadu.	18 th July 2020
87.	Participated in the AARI Bioscience Webinar Series Session-III, entitled “The Nivaarana For Your Dosha Through Ayurveda” organized by Annakkili Amma Research Institute (AARI), Tamil Nadu.	20 th July 2020
88.	Participated in the State Level Webinar on “Snakes: myths and facts” organized by Shri Vijaysinha Yadav College, Peth Vadgaon, Dist. Kolhapur	22 nd July 2020
89.	Participated in the State Level Webinar on “Covid 19 and Mental Health” organized by Sou. Mangaltai Ramchandra Jagtap Mahila Mahavidyalaya, Umbraj.	24 th July 2020
90.	Participated in the State Level Webinar on “Biodiversity and Community Involvement in it's Conservation” organized by Dapoli Urban Bank Senior Science College, Dapoli- Ratnagiri.	24 th July 2020
91.	Participated in the National Webinar on “New Plant Discoveries and Their Implications” organized by Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.	27 th July 2020
92.	Participated in the National Webinar on "Plant Through Ages: Extinct to Extant" organized by Mrinalini Datta Mahavidyapith Birati, Kolkata, West Bengal, India.	4 th August 2020
93.	Participated in the State Level Webinar on "Plant Tissue Culture” organized by Bhairavnath Vidnyan Mahavidyalaya, Daund, Pune.	6 th August 2020
94.	Participated in the National Webinar on “Marine Biotechnology: A Sustainable Source for Future of Mankind” organized by The New College, Kolhapur.	7 th August 2020

95.	Participated in the National Webinar on ““Biodiversity and Its Conservation” organized by Anandrao Dhonde Alias Babaji Art’s, Commerce and Science College, Kada. Tal- Ashti; Dist- Beed.	10 th August 2020
96.	Participated in the National Webinar on "Role of Induced Mutation in Crop Improvement and Crop Protection” organized by Department of Botany and IQAC, Athalye-Sapre-Pitre College Devrukh, Dist. Ratnagiri.	19 th August 2020
97.	Participated in the Two Days Online Webinar on “Significance of Meditation during COVID Pandemic & Importance of Coaches in Sports Education” conducted by Sharadchandra Pawar Mahavidyalaya, Lonand.	21 st and 22 nd May 2021
98.	Participated in the online webinar on "Corona and Mental Health" organized by Department of English, Sharadchandra Pawar Mahavidyalaya, Lonand.	4 th June 2021
99.	Participated in National Web-Seminar on ‘Treasure of Medicinal Plants: Western Ghats’ organized by Department of Botany, Prof. N. D. Patil Mahavidyalaya, Malakapur in collaboration with MONERA Foundation, Amba.	12 th June 2021

PERSONAL PROFILE

- **Name** : Dr. Makarand Mohanrao Aitawade
 - **Name of Father** : Shri. Mohanrao Narayan Aitawade
 - **Name of Mother** : Smt. Nanda Mohanrao Aitawade
 - **Date of Birth** : 26th February, 1984.
 - **Gender** : Male
 - **Nationality** : Indian
 - **Marital status** : Married
 - **Religion/ Caste** : Hindu-Namdev Shimpi
 - **Languages Known** : Marathi, Hindi, English
 - **Contact Numbers** : Mobile: 8208437839 & 8552958096
 - **E-mail** : meetmh@gmail.com, meetmh@rediffmail.com
-

REFERENCE:

1) Prof. S. R. Yadav
Former Professor and Head,
INSA Senior Scientist
Department of Botany,
Shivaji University, Kolhapur.
Mo.: 9421102350

2) Dr. M. Y. Bachulkar
Former Principal,
Shri Vijaysinh Yadav Arts Commerce and Science College,
Pethwadgaon, Kolhapur.
Mo.: 9730399668

3) Prof. N. B. Gaikwad
Professor,
Department of Botany,
Shivaji University, Kolhapur.
Mo.: 9422423369

✓ To the best of my knowledge the above information is true.

Yours Sincerely,

(Dr. Makarand Mohanrao Aitawade)