

Profile of the Faculty

Name : DR. RAJIV SAVANTA KARPE

Department: : Botany

Designation : Assistant Professor

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Qualification : M.Sc., Ph. D., SET, B.Ed.

Academic Qualification

Examination	University	Subject	Year of Passing	Percentage/Grade
Ph. D	Shivaji	Botany	2022	As per UGC norms.
SET	Pune	Life Science	2016	Qualified
M.Sc.	Shivaji	Botany	1995	B+
M.Sc.	YCMOU	Subject communication	2018	A
B.Ed.	Shivaji	Science & Mathematics	1996	A
B Sc.	Shivaji	Botany	1993	A

Orientation / Refresher / FDP/Short term Course Completed

Sr. No.	Course	Duration	Place	Sponsored Agency
1	Orientation Program/ Faculty Induction Program	21 st March 2022 to 19 th April 2022	Teaching Learning Centre Ramanujan College, New Delhi.	Ministry of Education
2	Refresher Course in Biology	17/11/2015 to 08/12/2015	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	UGC-HRDC
3	Refresher Course	13 th July 2022 to 27 th July 2022	Teaching Learning Centre Ramanujan College, New Delhi.	Ministry of Education
4	One Week Faculty Development Program & online training on Scilab	01/05/2020 to 07/05/2020	Rajshri Shahu Mahavidyalaya, Latur and IIT Bombay	Rajarshi Shahu Mahavidyalaya, Latur and IIT Bombay.
5	One Week Faculty Development Program	11 th to 16 th May 2020	Swami Ramanand Teerth Marathwada University, Nanded	SRTM University, Nanded.
6	One Week Faculty Development Program	21 st -26 th May 2020	Guru Angad Dev Teaching Center of MHRD, Khalsa College, University of Delhi.	MHRD
7	One Week Faculty Development Program	26 th Sept 2023 to 02 nd Octo- 2023	TLC, Ramanujan collage, Delhi	HRDC

Teaching Experience : - UG- 27 years

Position Occupied at University Bodies : --

Membership of Academic Associations : Member of Shivaji University Teachers Association.

Participation in Seminars, Workshop and Conferences (Number): 54

- **International Level** :06
- **National Level** :28
- **State Level** :14
- **Other:** :06

Research Project Undertaken: - 01

Sr. No.	Research Stage	Title of Project	Agency	Where the work was carried out
1	Complete	Minor Research Project under the title “ Study & Analysis of Soil Fertility in Ajara Taluka. ”	Sponsored by U.G.C. (Amount Rs.1,45000/)	Ajara Mahavidyalaya, Ajara

Research Paper Published (National and International Journal): - 14

1. Research article entitled, “Weed Manure as an Alternative to Fertilizer Nitrogen in Intensive Farming System” published in International Journal *Bionano Frontier (Special Issue)* Mumbai, Page No. 100-103, ISSN No. 0974-0678 on Jan., 2011.
2. Research article entitled, Effect of *Parthenium hysterophorous* L. on soil algal flora published in an International Journal, *Biochemical Science*. Vol. I Pag.No.53- 55 ISSN No. 2230-8474 on Jan. 2011.
3. Research article entitled, Use of Weed Biomass for Biogas Production published in national journal, *Journal of Science Information*, ISSN No. 2229-5836, Page 131-134 on Feb, 2011.
4. Research article entitled, Study and Analysis of Physico- chemical Properties of Soil from Ajara Taluka Dist. Kolhapur (MS) in national journal, *Journal of Science Information*, ISSN No. 2229-5836 Page 113-115, on August, 2011.
5. Research article entitled, Study of the weed species composition in maize field of Ajara Dist. Kolhapur (M.S.) in national journal, *Life Science Bulletin* ISSN No. 0973-5453 Vol.9 (1) Page No. 161-164 on May. 2012
6. Research article entitled, Influence of Temperature and Different Cultural Media on Growth of *Fusarium Oxysporum* f. sp.*coriandrii* Causing Wilt of Coriander , in international Journal, *Review of Research*, ISSN No. 2249-894X Vol-8 Issue- 8 Page. 19-22, on May 2019.
7. Research article entitled, Studies on Cultural and Morphological Variation Among Isolates of *Fusarium oxysporum*f. Sp. *Coriandrii* Causing Wilt of *Coriandrum sativum*, in International Journal, *World Journal of Pharmaceutical Research*, ISSN No. 2277-7105 on 8th Oct.2019.
8. Research article entitled, Efficacy of Benomyl against Wilt of *Coriandrum sativum* Linn., caused by *Fusarium oxysporum* f. sp. *coriandrii*, in an

International multidisciplinary half yearly research journal, ISSN No. 2319-359X on March-Aug. 2021.

9. Research article entitled, Effect of different Nitrogen sources on the growth of *Fusarium oxysporum* f. sp. *coriandrii* causing wilt of Coriander in *International Journal of Science and Research*, ISSN No.2319-7064 on July 2022.
10. Research article entitled, Effect of different Nitrogen sources on the growth of *Fusarium oxysporum* f. sp. *coriandrii* causing wilt of Coriander in national journal, *Indian journal of Applied Research* ISSN No. 2249-555X on Aug. 2022.
11. Research article entitled, Effect of PH on Growth of *Fusarium oxysporum* f. sp. *coriandrii* causing Wilt of Coriander, in book, 'Emerging Trends in Basic and Applied Sciences' Volume II ISBN: 978-93-88901-24-6 on Jan 2023.
12. Research article entitled, Soil Analysis of Sacred Groves of Chaloba, Devkandgoan and Ramtirth in Ajara Tahsil in *International Journal of Advance and Applied Research*, ISSN – 2347-7075 January – February 2023.
13. Research article entitled, *Hypocrea peltata* (Jung.) Berk., A New Record to Maharashtra State (India), in National journal *Bioinfolet* Volume: 20 Issue: 2 (a) 204-206, ISSN 0973-1431 on 2023.
14. Research article entitled, Bio-control of *Fusarium oxysporum* f.sp. *corandrii* causing Coriander wilt by using *Trichoderma* species in *International Journal of Advance Research In Multidisciplinary* in Volume 3; Issue 1; 2025; Pag No. 110-112, E-ISSN:2583-9667 on 2024.

Research Paper Presented: 07

1. Research article presented in National Conference on, Frontiers of Plant Sciences for Sustainable Agriculture and Rural Development under the title, Effect of Biochemical Changes on Leafy Vegetable Crops by Drying Method, in Arts, Science and Commerce College, Naldurg, Dist. Usamanabad on 28th , 29th Jan.2011.
2. Research article presented in International Conference on, “Emerging Trends in Basic and Applied Sciences” held in K.H., College, Gargoti Dist. Kolhapur (M.S.) under the title, Study of Soil Profile from Ajara Taluka Dist. Kolhapur (M.S.) on 10 March 2015.
3. Research article presented in National Conference on, Innovative Research in Physical, Chemical & Life sciences held in M. H. Shinde College, Tisangi Dist. Kolhapur (MS) on 24 Feb. 2018.
4. Research article presented in National Conference on, Innovative Approaches in Pure and Applied Sciences held in Bhogawati Mahavidyalaya, Kurukli Dist. Kolhapur (MS) on 7th Feb. 2019.
5. Research article presented in One Day National seminar on Emerging Trends and innovations in Science and Technology held in Y.C. M. Halkarni. Dist. Kolhapur (MS) on 1st Feb. 2020.
6. Research article presented in Interdisciplinary National Conference on Environmental Sustainability (INCES-2023) held in Deshbhakt Anandrao Balwantrao Naik Arts and Science College, Chikhali Dist. Sangli (MS) on 24 and 25 March 2023.
7. Research article presented in National Conference on Emerging trends in science and technology 2024 held in Y.C. Mahavidyalaya, Halkarni Dist. Kolhapur Maharashtra, on 20th January 2024.

Participation in Seminars, Workshop and Conferences:- 54

Sr. No.	Activity	Organizing Institute	Sponsorship	Date	Level
1	Workshop on U.G.C. Syllabus of B. Sc. II	Y. C. College of Science,Karad	Shivaji University	26,27,28 th Aug.2004	University
2	Training Workshop on Cultivation of Medicinal Plants	Department of Botany, Ajara Mahavidyalaya.	SUK	10,11 & 12 th Jan.2005	University
3	Workshop on U.G.C. Syllabus of Botany B.Sc.III	Y.C.Warana M/V Warananagar	Shivaji University	11- 16 th Sept.2005	University
4	Two Day state level seminar on, “Role of IQUAC in Reaccreditation “	A. C. S. College Chandgad	NAAC	13&14 th Dec.2008	University
5	Two Day National Level Seminar On, ” Environmental Assets and Threats”	R.B.Madkholkar Mahavidyalaya, Chandgad.	U.G.C.	16 th & 17 th March 2009	National
6	National Seminar on “ The impact of Wetlands on Agricultural & Fisheries productivity”	P.D.V P. Mahavidyalaya, Tasgaon, Dist.- Sangli	U.G.C.	17 & 18 th Dec.2009	National
7	National Conference on Frontiers of Plant Science for Sustainable Agriculture and Rural Development	BSS’s Arts, Science & Commerce College, Naldurg, Dist- Osmanabad.	U.G.C.	28 th & 29 th Jan.2011	National
8	Two Day State Level Seminar on, “Conservation of Traditional Medicinal Plants”	R.B.Madkholkar Mahavidyalaya, Chandgad.	U.G.C.	17 th & 18 th Feb.2011.	State Level
9	National Conference on, ‘Plant Biotechnology for Agriculture and Rural Development’	Shri.Mahadevrao Patil Mahavidyalaya, Murum,Dist. Osmanabad	U.G.C.	17 th 18 th Jan.2011	National
10	One Day Teachers Workshop on Revised Syllabus of Botany B. Sc II	Dahiwadi College, Dahivadi	UGC	27July 2012	University
11	National Seminar on ,Recent Advances in Agricultural	Devchand College, Arjunanagar.	UGC	27 & 28 Sept. 2012	National

	Botany				
12	One Day Teachers Workshop on Revised Syllabus of Botany B.Sc II Paper III & IV	M.S.KanyaMahavidyalaya Kadegaon, Sangli	UGC	25 Nov. 2013	University
13	One Day Teachers Workshop on, “ Role of IQAC in Higher Education	Kowad Mahavidyalaya, Kowad.	Shivaji University	24 Oct. 2013	University
14	National Seminar on, Recent Trends in Biophysics	Devchand College, Arjunanagar.	UGC	19 & 20 Sept. 2014	National
15	International Conferences on, Emerging Trends in Basic & Applied Sciences on	K. H. College, Gargoti.	ETBAS	10 March 2015	International
16	National Seminar on, “Right of Education Quality Concerns, Issues and Challenges”	Achary Jawadekar College of Education, Gargoti.	UGC	15 March 2015	National
17	One Day Workshop on Revised Syllabus of B.Sc III Paper IX- XII	Ajara Mahavidyalaya, Ajara.	SUK	24 Aug. 2015	University
18	One Day Workshop on Revised Syllabus of B.Sc III Paper XIII- XVI	D. K. Arts, Science, Commerce College, Ichalkaranji	UGC	23 Sept. 2015	University
19	One Day Workshop on, The Maharashtra University Act. 2016	Shivaji University, Kolhapur	SUTA	19 March 2017	State Level
20	One Day State Level Seminar on, Revised Process of Assessment & Accreditation by NAAC	D. D. Shinde Sarakar College, Kolhapur.	SUTA	9 Sept. 2017	State Level
21	National Conference on, Innovative Research in Physical, Chemical & Life sciences	Tisangi, College At Shivaji University, Kolhapur.	UGC	24 Feb. 2018	National

22	National Workshop on, Dissemination of Apiculture Technology	Shivaji University Organised at Ajara Mahavidyalaya, Ajara.	Gov.of Maharashtra	9 March 2018	National
23	National Conference on, Innovative Approaches in Pure and Applied Sciences	Bhogawati Mahavidyalaya, Kurukli Dist. Kolhapur	UGC	7 th Feb. 2019	National
24	One Day National seminar on Emerging Trends and innovations in Science and Technology	Y. C. Mahavidyalaya. Halkarni. Dist. Kolhapur.	Y. C. Mahavidyalaya. Halkarni. Dist. Kolhapur.	1 st Feb. 2020	National
25	Online International Conference on, “Climate Change, Mangroves and Sustainable Management”.	Shri Pancham Khemraj Mahavidyalaya, Sawantwadi, (M.S.)		24 th April 2020	International
26	National Webinar entitled, “Challenges and Opportunities before Indian Higher Education due to Covid-19	GADTLC, SGTB, Khalasa College. Delhi.	MHRD	2 nd May 2020	National
27	International Webinar on the, “The Nomenclatural Code and its Relevance to fungi.	Sir Aurobindo College, and Prof. Rupam Kumar University, Delhi.	Rupam Kumar University, Delhi	4 th May 2020	International
28	National Webinar entitled, “Challenges and Opportunities before Indian Higher Education for 21 st Century.	GADTLC, SGTB, Khalasa College. Delhi.	MHRD and Hindu College NewDelhi.	8 May, 2020	National
29	National Webinar entitled, “e-Content Development Methodology: Four Quadrant Model, OER and Copy right.	GADTLC, SGTB, Khalasa College. Delhi.	MHRD	15 May 2020	National
30	National Webinar entitled, “Women in higher Education Issues and Challenges during Corona Pandemic.	GADTLC, SGTB, Khalasa College. New Delhi.	MHRD	27 th May 2020	National
31	International Webinar on Intellectual Property Right, An	Science and Commerce college,	Science and Commerce	6 th June 2020	International

	overview: Myth and Realities.	Kalamboli Navimumbai.	college, Navimumbai.		
32	National webinar on Online Teaching Scenario.	B.J. Patel Science College, Taloda.	B.J. Patel Science College, Taloda.	8 th June 2020	National
33	National webinar entitled, "Teaching during and Post covid time.	GADTLC, SGTB, Khalasa College. New Delhi.	MHRD	12 th June 2020	National
34	National webinar on, Role of education institutes in biodiversity conservation	A. C. S. college, Tryambakeshwar, Nashik.	M.V.P. Samaj's Arts, Commerce and Science college, Tryambakeshwar	15 th June 2020	National
35	National webinar on Covi-19: Molecular Diagnostic Techniques and Approaches Towards vaccine Development.	L.B.S. College, Satara.	Department of Microbiology, L.B.S. College, Satara.	21 st June 2020	National
36	National webinar on Intellectual Property Right and Industry Academia Collaboration	Devchand College, Arjunnagar Dist. Kolhapur	Devchand College, Arjunnagar Dist. Kolhapur	25 th June 2020	National
37	National webinar on, Archaeobotanical studies in Ancient Plasters of Ellora Caves.	PDVP Mahavidyalaya, Tasgaon.	IQAC PDVP Mahavidyalaya, Tasgaon.	2 nd July 2020	National
38	One Day National Webinar entitled; ICT enabled Higher Education in India.	GADTLC, SGTB, Khalasa College. New Delhi	MHRD	13 th July 2020	National
39	National webinar on Marine Biotechnology: A sustainable source for future of mankind.	New college, Kolhapur.	IQAC New college, Kolhapur.	7 th Aug. 2020	National
40	One Day Online Teachers Workshop on the Revised	M. H. Shinde Mahavidyalaya,	Shivaji University	6 th Feb. 2021	University

	(CBCS) Syllabus of B.Sc.III Botany paper IX and X	Tisangi, Dist. Kolhapur.			
41	One Day Online Teachers Workshop on the Revised (CBCS) Syllabus of B.Sc.III Botany paper XI and XII	R. B. Madkholkar Mahavidyalaya, Chandagad.	Shivaji University	9 th Feb. 2021	University
42	One Day Online Teachers Workshop on the Revised (CBCS) Syllabus of B.Sc.III Botany Practical III and IV	Dahiwadi college, Dahiwadi Dist: Satara.	Shivaji University	16 th Feb.2021	University
43	Workshop on “Intellectual Property Right, Plagiarism and Student”	Arts, Commerce and Science College, Gadhinglaj. Dist - Kolhapur	Lead college	12 July 2021	University
44	Covid-19: Caution and Care	V. K. Chavan Patil College, Karve Dist. Chandgad.	Lead College	14 th July 2021	University
45	One Day National Webinar on “Academic and Administrative Audits of HEI’s” organized.	Tukaram Krishnaji Kolekar Arts and Commerce College, Nesari Dist. Kolhapur	IQAC, Shivaji University Kolhapur	23 rd Oct, 2021.	National
46	National Level Workshop on “Format of New AQAR 20-21”	Maharashtra College of Arts, Commerce and Science, Mumbai.	IQAC Cluster Maharashtra	4 th Dec. 2021	National
47	National Webinar on “Remote Sensing”	Y. C. Mahavidyalaya, Tulajapur. Dist. Osmanabad	IEE Geoscience & Remote Sensing Bombay.	16 Dec. 2021	National
48	Workshop on “Rice Production, Processing and Marketing	A.S.C. College Gadhingalaj,	Lead College Cluster	8 th Jan. 2022	University
49	National webinar on, Sustainability Science: A Multidisciplinary Approach	Y.C.C.of Science, Karad,	IQAC and Department of Botany	9 th Feb.2022	National

50	Biodiversity Conservation and Nursery Technique	Ajara Mahavidyalaya Ajara.	Lead college	23 rd March 2022	Organization
51	Interdisciplinary National Conference on Environmental Sustainability (INCES-2023)	Deshbhakt Anandrao Balwantrao Naik Arts and Science College, Chikhali	SUK	24 and 25 March 2023	National
52	Emerging Trends in Basic and Applied Sciences (ETBAS-2023)	K. H. College Gargoti Dist. Kolhapur	OES Research Centre, Chonnam National University, Gwanju, South Korea	17 January 2023	International
53	National Conference on Emerging trends in science and technology 2024	Y.C. Mahavidyalaya, Halkarni Dist. Kolhapur Maharashtra	Shivaji University	20 th January 2024	National
54	One Day State Level Workshop on “Use of AI in Teaching and Learning”	S.V. N. Mahila Mahavidyalaya, Pusad	Sudhakar Rao Naik Institute Of Pharmacy, Pusad	16 April 2025	State Level

Research Work:

Sr. No.	Research Stage	Title of work / Thesis	Where the work was carried out
1	Ph.D.	Management of Wilt of Coriander caused by <i>Fusarium Oxysporum</i> F. Sp. <i>coriandrii</i> .	Shivaji University, Kolhapur

Extension Activity (Extra Information)

1. Organized One Day Teachers' Training Workshop on Revised Syllabus of Botany for B. Sc. III Paper No. IX to XII held on 24 Aug., 2015 at Ajara Mahavidyalaya, Ajara, Dist. Kolhapur.
2. Organized workshop on 'Cultivation of Medicinal Plant' collaboration with Department of Lifelong Learning & Extension Education, Shivaji University, Kolhapur and Department of Botany, Ajara Mahavidyalaya, Ajara during 10th Jan to 12th Jan 2005.
3. Worked as Director of J. P. Naik Shikshan Sevakanchi Patsanstha Maryadit, Ajara Dist. Kolhapur.
4. Worked as a judge in 42nd Taluka Level Science Exhibition Competition held at Bhadawan Highschool, Bhadawan, Tal. Ajara Dist. Kolhapur during 30 Nov, 1 & 2 Dec. 2016.
5. Worked as Assistant Program Officer of National Service Scheme during 1999 to 2003.
6. M.Sc. Course in Subject communication completed in 2018.
7. A lecture delivered on the subject, "Carrier in Botany" organized by Department of Botany, Devachand College, Arjunnagar on 10th June 2022.
8. A lecture delivered on the subject, 'Millets' in an occasion of "National Science Day" and "International Millets year, 2023" on 28th Feb 2023.
9. Worked as scrutiny committee member to scrutinize the application form of Assistant professor in Botany in Yashawantrao Chavan Mahavidyalaya, Halakarani Dist. Kolhapur on 11 March 2023.
10. Worked as a subject expert in Botany on Local Selection Committee Member at Dr. Ghali College, Gadhinglaj, Dist. Kol;hapur on 7th June, 2023.
11. Worked as a subject expert in Botany on Local Selection Committee Member at Dr. Ghali College, Gadhinglaj, Dist. Kol;hapur on 25th June, 2024.

- 12.Organized One Day Teachers' Training Workshop on Revised Syllabus of Botany for B. Sc. III Paper No. IX to XII held on 10 Aug., 2024 at Ajara Mahavidyalaya, Ajara, Dist. Kolhapur.
- 13.Worked as co-ordinator of Clay Molding and Natyasangit Competition in Central Youth Festival, Shivaji University Kolhapur held on 29 Sept. to 1 Octo, 2024.
- 14.Working as IQAC Committee Member from 2011--.
- 15.Worked as member of College Development Committee (CDC) since 2024.
- 16.Worked as Chairmen and Paper Setter of B.Sc. examination of Shivaji University Kolhapur.

DR. RAJIV SAVANTA KARPE