

Profile

1. Name of the faculty: Dr. Dattatray Karbhari Aher
2. Name of the Department: Botany
3. Educational qualifications: M. Sc. Ph. D.
4. Present position: Associate Professor
5. Address for correspondence: “Karta” Shivaji nagar, DEOLA, Dist- Nashik. (423102)
6. E-mail: dkaher1966@gmail.com,
- Contact number: 9421257205
7. Specialization: Plant Physiology
8. Total teaching experience: 30 years
9. Courses taught: Industrial Botany I and II, Plant Physiology, Plant Anatomy and Embryology, Genetics and Evolution, Plant Physiology and Biochemistry.
10. Research experience: 8 years
11. Minor research projects completed: One
 Title of the project: “Physico-chemical analysis of Water supply Scheme Reservoir, Kishor Sagar of Deola Tahsil, Maharashtra.”
- Date of sanction:
 Duration: Two years
 Grant received: 92,750/-
 Funding agency: University Grand Commission (WRO)
 (Principle Investigator)
12. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.

State Level Seminars / Conferences attended:-

Sr. No.	Name of State Level seminar / Conference attended	Name of the sponsoring Agency	Place	Date	Duration
1	State level Seminar on recent trends in Taxonomy.	Pune University	KTHM College, Nashik	4 th & 5 th Jan.2008	2 Days
2	State level Seminar on Recent Advances In Biodiversity & Biotechnology.	Pune University	MSG College, Malegaon	24 th Jan. 2009	1 Days
3	State level Seminar on recent trends in Biodiversity.	Pune University	ASC College, Satana	28 th & 29 th Dec.2009	2 Days
4	State level Seminar on Biodiversity & Environmental Awareness.	Pune University	ASC College, Lasalgaon	7 th & 8 th Dec.2011	2 Days
5	Awareness, Motivation & Technology Transfer for Development of Beekeeping in Rural Areas.	UGC-WRO Pune	M. S. G. College Malegaon	8 th & 9 th Feb. 2013	2 Days
6	State level Seminar on “Environmental Crisis.”	Pune University	ASC College, Saikheda	26 th March 2013	1 Days
7	State level Seminar on “Awareness, Motivation & Technology transfer for Development of Beekeeping in rural Areas”	UGC-WRO Pune	MSG College, Malegaon	8 th & 9 th Feb. 2013	2 Days

8	State level Seminar on “Advances in Biotechnology.”	BCUD Pune	MSG College, Malegaon	29 th & 30 th March 2013	2 Days
9	State level Seminar on “Recent trends In wild life & its Conservation”	UGC-WRO Pune	MSG College, Malegaon	20 th & 21 st September 2013	2 Days
10	State level Seminar on “Scenario & Challenges of Changing Environment & Biodiversity”	SPPU	ASC College, Saikheda	6 th Jan. 2018	1 Day

➤ National Seminars / Conferences attended:-

Sr. No.	Name of National seminar / Conference attended	Name of the sponsoring Agency	Place	Date	Duration
1	Seminar on Plant Resource Development	UGC	Dr. BAMU Aurangabad	9 th Dec. 2000	1 Day
2	National seminar on Recent Advances in Mycology, plant Pathology & Biotechnology	Pune University.	P.V.P. College Praveranagar	6 th & 7 th April 2001	2 Days
3	National Conference on Botany for Human Welfare	UGC	Mrs. KSK College, Beed.	4 th & 5 th January 2003	2 Days
4	National Conference on Recent Advances in Flora & Fauna as National Wealth.	UGC	ASC College, Satana	20 th , 21 st & 22 nd Jan. 2011	3 Days
5	National Conference on Biodiversity, Biotechnology And Climate Change	SPPU	Dept. of Life Sciences ASC College Sonai	22 nd & 23 rd Jan. 2016	2 Days
6	XXIX Statutory Conference 2017	AIFUCTO	SFPPUCTO, Shirdy	18 th , 19 th & 20 th Dec. 2017	3 Days
7	National Conference on “Advances In Life Sciences”	SPPU	Dept. of Botany, Chandwad College	19 th & 20 th Jan. 2018	2 Days

➤ Paper presented at National Conferences :-

Sr. No.	Name of National seminar / Conference	Name of The Paper	Place	Date	Duration
1	National Conference on “Recent Advances in Biology.”	Effect of Rhizobium Biofertilizer Bio-technology for groundnut crop production in northern Part of Nashik District.	S.N.Mor Art’s, Comm. & Sci. College Tumsar Dist: Bhandara (M.S.)	2 nd & 3 rd February 2007	2 Days
2	National seminar on “In The Role of Care-Takers Of Biosphere.”	Communication of Rhizobium biofertilizer technology for Groundnut production in rural Agriculture of in northern part of Nashik District.	Art’s, Comm. & Sci. College Baramati Dist: Pune (M.S.)	14 th , 15 th & 16 th February 2008	3 Days

3	National Conference on "Biotechnological Approaches In plant Sciences."	"Effect of Rhizobium biofertilizer on yield and adoption by groundnut producing farmers in DEOLA & KALWAN tahsil of Nashik District."	B.N.Sarda Science College Sangamner Dist: A.nagar (M.S.)	16 th & 17 th September 2008	2 Days
4	National conference on "Recent trends in BOTANY."	"Use of Rhizobium biofertilizer technology for production of Groundnut by using different communication modes in Deola and Kalwan Tahsils of Nashik District."	K. J. Somaiya College Kopargaon Dist: A.nagar (M.S.)	28 th , 29 th & 30 th January, 2010	3 Days
5	National seminar on "Recent Advances in Botany in relation To crop improvement."	"Adoption of improved Technology by farmers in rural area"	PVP College Praveranagar, Loni, Dist-A. Nagar.	29 th to & 31 th January, 2010	3 Days
6	National seminar on "Recent Advances In Botany In Relation To Crop Improvement."	"Use of effective communication reach the Rhizobium Biofertilizer technology in Rural Agriculture."	Art's, Comm. & Sci. College, Satral Dist: A.nagar(M.S.)	29 th to & 31 th January, 2010	3 Days
7	National conference on Biodiversity, Biotechnology and Climate change	"Agro-technologies used by Rural farmers increases yield of groundnut pods."	Dept. of Life Sciences ASC College Sonai	26 th & 28 th July 2012	3 Days
8	National Conference on "Status, Opportunities & Challenges in life Sciences"	"Physico-chemical analysis of Water in wells & tube wells From Deola Tahsil"	Radhabai kale Mahila Mahavidyalaya, A. Nagar	17 th to 19 th September 2013	3 Days
9	National Conference on Biodiversity, Biotechnology And Climate Change	"Exogenous application of Rhizobium to seeds of Groundnut pod yield."	Dept. of Life Sciences ASC College Sonai	22 nd & 23 rd Jan. 2016	2 Days

Paper presented at International Conferences :-

Sr. No.	Name of International seminar / Conference	Name of the Paper	Place	Date	Duration
1	1st World Congress for Man and Nature	"Adoption of Rhizobium biofertilizer technology yield of groundnut pods by tribal farmers of Nashik District."	Gurukul Kangri Vishwavidyalaya, Haridwar (Uttara khand)	11 th & 13 th Nov. 2011	3 Days
2	International conference on Issues & Challenges in Commerce, Management, Technology, Engineering And Social Science	"Rhizobium bio-fertilizer technology increases yield of Groundnut & subsequent crop"	Choice College of Arts & Commerce Pune-38	27 th & 28 th Jul 2012	2 Days
3	International conference On Environment & Humanity "ECO REVOLUTION-2012"	"Use of Rhizobium bio-Fertilizer is Environment friendly"	Colombo, Sri Lanka	18 th & 20 th August 2012	3 Days

4	3 rd International Science Congress (ISC-2013)	Effective communication modes Increases yield of Groundnut in Rural Agriculture of Kalwan Tahsil of Nashik District.	Karunya University, Coimbatore, Tamil Nadu, India.	8 th & 9 th Dec. 2013	2 Days
5	ETCST-Mumbai & Sinsil International Ltd.(India)	“Physico-chemical analysis of Water in tube wells of Kalwan Tahsil, Maharashtra”	Montien Hotel, 54 Surawongse rd, Bangkok-10500, Thailand	3 rd -5 th Nov. 2014	3 Days
6	International conference On Pure & Applied Sciences 2016	“Constraints faced by target farmers in adoption Of Rhizobium biofertilizer technology in Deola Tehsil of Nashik district, Maharashtra.”	MSG College Malegaon, Dist- Nashik.	12th -14th Dec. 2016	3 Days

➤ Details of Workshops Attended:-

Sr. No.	Name of workshop	Name of the sponsoring Agency	Place	Date	Duration
1	Workshop in Applied Botany	Pune University	Y.M. College, Pune	7th & 8th Feb.94	2 Days
2	Bio-control: A Natural Method of Integrated Pest Management.	Pune University	P.V.P.College, Praveranagar	25th & 25th March 95	2 Days
3	Workshop on F.Y.B.Sc. & S.Y.B.Sc. Botany Syllabus.	Pune University	ASC College, Devalali camp	28th & 29th Dec.96	2 Days
4	Workshop on implementation of revised Botany Syllabus.	Pune University	Sangamner College, Sangamner	7th & 8th Oct.97	2 Days
5	Workshop on S.Y.B.Sc. & T.Y.B.Sc. Botany Syllabus.	Pune University	ASC College, Devalali camp	20th & 21st Dec.97	2 Days
6	Workshop on T.Y.B.Sc. Botany Syllabus.	Pune University	Jijamata college, Dynaneshwar A.Nagar	8th & 9th Feb.98	2 Days
7	Workshop on S.Y.B.Sc. & T.Y.B.Sc. Botany Syllabus.	Pune University	ASC College, Devalali camp	20th ,21st & 22nd Feb.99	3 Days
8	Workshop on Biometrics & Computer Appliations.	Pune University	P.V.P.College, Praveranagar	14th & 15th March 99	2 Days
9	Seminar on recent trends in botanical Studies.	Pune University	ASC College, Satana	12th Feb. 2001	1 Days
10	Workshop on recent advances in Botany	Pune University	ASC College, Deola	25th Jan. 2002	1 Days
11	Workshop on S.Y.B.Sc. Syllabus in Botany.	Pune University	M.S.G. College, Malegaon	11th Dec. 2002	1 Days
12	Orientation workshop on framing of S.Y.B.Sc. Syllabus.	Pune University	ASC College, Rahuri	22nd & 23rd Dec.2002	2 Days
13	Workshop on basic & applied aspects In Botany	Pune University	ASC College, Akole	1st & 2nd Feb. 2003	2 Days
14	Workshop on S.Y.B.Sc. Botany practicals.	Pune University	ASC College, CIDCO, Nashik.	6th Sep. 2003	1 Days
15	Workshop on Angiosperms Taxonomy	Pune University	S.P.H.M.M. Malegaon	10th Dec. 2003	1 Days
16	Workshop on restructuring of T.Y.B.Sc.	Pune University	ASC College,	29th Dec.	1 Days

	Botany Syllabus.		Deola	2003	
17	Seminar on environmental awareness: A need of time.	Pune University	ASC College, Satana	29th Sep. 2004	1 Days
18	Workshop on biotechnology & Information technology	Pune University	ASC College, Kalwan	16th & 17th March 2005	2 Days
19	Problems in Higher Education	PUCTO	Nashik	3 rd July 2005	
20	Regional Seminar on recent advances In environmental sciences.	Pune University	S.P.H.M.M. Malegaon	28th Jan. 2006	1 Days
21	Workshop on Career Opportunities in Call Centre & B.P.O.	Pune University	G.D. Sawant College, Nashik.	27th Dec. 2006	1 Days
22	Workshop on discussion on Reconstruction of B.Sc. syllabus	Pune University	B.G. College, Sangvi, Pune	6th Jan. 2007	1 Days
23	One Day Seminar on Biodiversity & it's Conservation.	Pune University	ASC College, Manmad	12th Feb. 2007	1 Days
24	State level Seminar on recent trends in Taxonomy.	Pune University	KTHM College, Nashik	4th & 5th Jan.2008	2 Days
25	Workshop on implementation of revised F.Y.B.Sc Botany Syllabus.	Pune University	HPT,RYK College, Nashik.	25th July 2008	1 Days
26	Orientation Workshop on AVISHKAR 08-09	BCUD	ASC, Satana	13th Aug. 2008	1 Days
27	Workshop on Advances in Genetics & Molecular Biology.	Pune University	HPT,RYK College, Nashik	30th & 31st Jan. 2009	2 Days
28	Workshop on Restructuring of S.Y.B.Sc. Botany Theory Syllabus.	Pune University	KTHM College, Nashik	9th Feb. 2009	1 Days
29	Reorientation Workshop on Teaching Revised Syllabi in Botany.	Pune University	Dept. of Botany Pune University	21st March 2009	1 Days
30	One day workshop for "Academic and Research Coordinators".	BCUD Pune University	Pune University	30th June 2009	1 Day
31	One day seminar on "Availability, Utilization & Conservation of plant wealth"	Pune University	ASC College, Manmad	11th Jan. 2010	1 Day
32	One day seminar on "Biodiversity & its Conservation."	Pune University	LVH Mahavidyalaya Nashik	16th Jan. 2010	1 Day
33	A workshop for Academic and Research Coordinators on Action and Research Followed by Innovative Product/Service"	BCUD Pune University	Baha'i Academy Panchgani.	1st May to 4th May 2010	5 Day
34	Academic Performance Indicators for of Teachers& Organizational Development	PUCTO	Nashik	26 th Sep. 2010	1 Day
35	Nano Materials	BCUD Pune University	ASC College, Kalwan	18 th Jan. 2011	1 Day
36	One day seminar on "Availability, Utilization & Protection of Plant Wealth"	BCUD Pune University	LVH Mahavidyalaya Nashik	21 st Feb. 2011	1 Day
37	One day workshop for " Central Audit Pre-Planning Workshop"	Board of student welfare &NSS	Pune University	8/3/2014	1 Day
38	One day workshop on AVISHKAR 2014	BCUD, SPPU Pune	SNJB'S KKHA Arts SMGL Comm. & SPHJ Sci. College, Chandwad	21/09/2014	1 Day
39	One day workshop on Graduation Ceremony	BCUD, SPPU Pune	KTHM College, Nashik	9/01/2016	1 Day

40	One day workshop on Disaster Management	Dr. BAMU, Aurangabad	Dr. BAMU, Aurangabad	5/5/2018	1 Day
41	One day workshop on Water Conservation	SPPU, Pune	SPPU, Pune	21/4/2018	1 Day
42	Workshop on Quality enhancement in Examination and Evaluation	SPPU, Pune	CT Bora College Shirur	21-22 Dec. 2018	2 Days
43	Two days State level workshop for NSS Programme officers.	NSS, SPPU and Dept of Higher & Technical education Maharashtra state	Balewadi, Pune	23 rd & 24 th February 2019	2 Days

17. Innovative processes developed in teaching and learning:- Use of Internet, PPT, Field visit, Seminars etc.

18. Participation in curricular development:- F. Y. B. Sc, S. Y. B. Sc, T. Y. B. Sc Botany Syllabus

19. Participation in co-curricular and extra-curricular activities:-

- ✚ Lectures given at NSS annual training camps on subjects like Organic Farming, First Aid, Role of Medicinal Plants in Ayurveda Therapy, Interview Technique, Personality Development, Global Warming etc.

Lecture given at:-

- ✚ Janata Vidyalaya Lohner, Tal- Deola on “Importance of Trees to the society”.

- ✚ Art’s College Abhone, Tal- Kalwan on “Global Warming, problems, Consequences & remedies”.

- ✚ Art’s & Comm. College Dangsaundane, Tal- Baglan & Art’s Sci. & Comm. College Deola, Tal-Deola on Interview techniques in Soft Skill Programme.

- ✚ Worked as a Care Taker Officer in NCC at Art’s Sci. & Comm. College Deola, Dist- Nashik.

- ✚ Member for Taluka selection committee of Sant Tukaram Van gram Yojana (2007-08, 2008-09, and 2009-2010).

- ✚ Member of “Nature Club “and, Vyasankh Manch Deola.

- ✚ Delivered Speech on All India Radio Nashik on Rhizobium Biofertilizer for farmers.

- ✚ Former Coordinator, Competitive Examination Centre, ASC, college, Deola.

- ✚ Coordinator, Placement Cell, ASC, college, Deola.

- ✚ Former Member of LMC, ASC, college, Deola.

- ✚ Worked in University examination as a Paper setter (Chairman), Senior Supervisor, Examiner, Moderator etc.

- ✚ Worked as examiner for MPSC.

- ✚ Articles published in Daily News Papers like Gavkary.

- ✚ Worked as examiner for All Indian Science Association, Panchayat Samiti Deola.

- ✚ Programme Officer & District Coordinator of NSS, Nashik District.

- ✚ Worked as selector for pre SRD/NRD camp at SPPU, Pune.

- ✚ Worked as selector for Aavhan 2016, 2018.

- ✚ Academic and Research Coordinator BCUD, Pune University.

- ✚ College Examination Officer (CEO) appointed by SPPU.

- ✚ Life member of Indian Science Congress.

- ✚ Campus Ambassador (2016-2020) for SVEEP Programme.

- ✚ Worked as a Team Leader for NRD/SRD SP Pune University.

- ✚ Organized Blood donation Camp

- ✚ LMC Member, in MVP’s Janta Vidyalaya, Deola.

- ✚ Member of Shivnishchal Trust, Pune.

- ✚ Worked as examiner for Intra university student research convection at Sant Gadge baba Amravati University, Amravati.

20. Refresher and Orientation courses attended:-

Sr. No	Orientation / Refresher courses	Name of Institution	Period of courses	Dates	Subject
1	Orientation course	A.S.C. Pune University	4 weeks	3/6/91 to 30/6/91	General
2	Refresher course in Botany	A.S.C. Pune University	4 weeks	5/7/94 to 1/8/94	Botany
3	Refresher course in Environmental Science	A.S.C.Dr.B.A.M. University, Aurangabad	4 weeks	27/7/96 to 24/8/96	Environmental Science
4	Refresher course in Botany	A.S.C.Kurukshetra University, Kurukshetra	3 weeks	21/1/99 to 10/2/99	Botany
5	Refresher course in Botany	A.S.C.Himachal Pradesh University, Shimla	3 weeks	10/12/01 to 29/12/01	Botany
6	Orientation course of N.S.S. Programme officer	Ahmad Nagar College, Ahmad Nagar	10 Days	18/10/95 to 27/9/95	N.S.S.

21. Examination /Evaluation/reforms initiated: Participated in Preparation & revision of F. Y. B. Sc, S. Y. B. Sc, T. Y. B. Sc Botany Syllabus

22. Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS.

➤ **Publication of Research Papers in National Journal :**

Sr. No	Name of Journal	Title of Paper	Year	Volume	Page Nos.
1	BIOINFOLET (ISSN- 0973-1431)	Effect of Rhizobium biofertilizer technology for groundnut production in northern part of Nashik District.	2008	No.5	31, 32
2	BIOINFOLET (ISSN -0973-1431)	Effectiveness of Rhizobium biofertilizer technology through communication modes	2009	No.6	48, 49
3	BIODIVERSITY BIOTECHNOLOGY & CLIMATE CHANGE (ISBN- 978-93-81921-23-4)	Agro-technologies used by rural farmer's increases yield of Groundnut pods	2012	Proceeding	79-80
4	RESEARCH JOURNAL OF RECENT SCIENCES	Effective Communication modes Increases yield of Groundnut in Rural Agriculture of Kalwan Tahsil of Nashik District, Maharashtra, India	2014	Vol. 3 (ISC-2013)	6-8

Publication of Research Papers in International Journal:

Sr. No	Name of Journal	Title of Paper	Year	Volume	Page Nos.
1	BIONANO FRONTIER (ISSN-074-0678)	Effect of Rhizobium biofertilizer technology for groundnut production in rural Agriculture of in northern part of Nashik District.	2009	Sci. day spl. issue	81, 82
2	FLORA AND FAUNA (ISSN-0971-6920)	"Use of Rhizobium biofertilizer technology for production of Groundnut by using different communication modes in Deola and Kalwan Tahsil of Nashik District."	2010	Special issue	48, 49

3	INTERNATIONAL JOURNAL OF ADVANCES IN MANAGEMENT, TECHNOLOGY & ENGINEERING SCIENCES (ISSN-2249-7455)	“Rhizobium bio-fertilizer technology increases yield of Groundnut & subsequent crop”	2012	Vol. I Issue 10	61-64
4	BIONANO FRONTIER (ISSN-074-0678)	“Use of Rhizobium bio-fertilizer for groundnut is environment friendly”	2012	Special issue	327-330
5	FLORA AND FAUNA (ISSN-0971-6920)	“Physico-chemical analysis of Water in wells & tube wells From Deola Tahsil”	2013	Vol. 19 Issue-1	227-229
6	BIONANO FRONTIER (ISSN-074-0678) Impact factor-4.856	“Physico-chemical analysis of Water supply Scheme Reservoir, Kishor Sagar of Deola Tahsil, Maharashtra.”	2014	Vol. 7 Issue-2	300-302
7	BIONANO FRONTIER (ISSN-074-0678)	“Physico-chemical analysis of Water in tube well of Kalwan Tahsil, Maharashtra.”	2015	Vol. 8 Issue-1	103-105
8	Researchers World (ISSN-2231-4172) Impact factor-3.19	“Constraints faced by target farmers in adoption Of Rhizobium biofertilizer technology in Deola Tehsil of Nashik district, Maharashtra.”	2016	Vol. VII Issue-4(5)	140-148

23. Books published: with ISBN No., Without ISBN No., Chapters in books.

Title of the book/chapter published	Name of the author/s	Name of Publisher	Year of publication	ISBN/ISSN number
T. Y. B. Sc. (Sem-IV) BO-342 Plant Ecology and Biodiversity	Prof. Dr. Changdeo S. Arsule Prof. Dr. Dattatray K. Aher Prof. Dr. Deelip G. Shimpi Prof. Dr. Balasaheb S. Gaikawad Prof. Dr. Dnyaneshwar S. Khandbahale	Success Publications, Pune	2015	ISBN: 978-93-5158-483-4
Chapter- Adoption of Rhizobium biofertilizer increases yield of Groundnut pods by tribal farmers of Nashik District.	Aher D. K.	Biotech Books, New Delhi.	2013	

24. Patents Applied/Granted: National. International, commercialized: Nil

25. Consultancy services provided and revenue generated: Nil

26. Conferences, seminars, symposia and workshops organized as convener/coordinator:

a) Two day seminar for farmers on “Use of Biofertilizers in Modern Agriculture.”

b) One day seminar for students of College cluster 3 A on “Goal setting & Time Management.”

c) One day seminar for students of College cluster 3 A on “Human values in Higher education.”

27. Number of collaborations: Nil

28. Awards /recognitions received: International, National, State, University level.

1-State Level award- Maharashtra Bhushan Mahakavi Wamandada Kardak Ideal Professor Award.

2- Best Citizens of India by International Publishing House, New Delhi.

3- Bharat Shiksha Ratan Award by Global Society for Health & Education Growth, Delhi.

4- Sanmanpatra: - Grampanchayat Deola, Dist- Nashik for development of funeral Place.

- 5- State level award- Rajshri Shahu Maharaj Adarsh Yeshwant Award.
- 6- Yuva Sanman Sohala 2019- District Coordinator NSS, by Savitribai Phule Pune University.

Declaration: - I Dr. D.K. Aher hereby declared that the above information given is correct according to my knowledge.

(Dr. D.K. AHER)