

CURRICULUM VITAE



Dr. Abhijit Suresh Kadam

Assistant Professor (CHB),
Department of Botany,
Yashavantrao Chavan Institute of Science,
Satara – 415 001, Maharashtra state, India.



❖ Personal Details

Residential address: **Dr. Abhijit Suresh Kadam**
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Date of Birth: 19th June, 1978

❖ Educational Qualifications (starting from graduation onwards):

Bachelor of Science in Botany : **67.48 % (1999)**
(Botany-Plant Protection) Y. C. I. Science, Satara
Shivaji University, Kolhapur, MS, India.

Master of Science in Botany : **64.29 % (2001)**
(Botany-Plant Protection) Y. C. I. Science, Satara
Shivaji University, Kolhapur, MS, India.

Bachelor of Education : **61.23 % (2002)**
Azad College of Education Satara

Doctor of Philosophy in Botany # : March 2022

Department of Botany,
Yashavantrao Chavan Institute of Science, Satara
Shivaji University, Kolhapur, MS, India.

Title of work : “ Studies on insect-pests and diseases of some polyhouse crops from Satara District ”

❖ Teaching Experience

U.G: 18.0 year, P.G : 18.0 years

(In Rayat Shikshan Sanstha)

Sr. No.	Class	Institute/University	Nature of Appointment	Duration
1	B. Sc. & M.Sc. (Botany)	Department of Botany, Yashavantrao Chavan Institute of Science, Satara	CHB	20/06/2006 to till Date
2	B.Sc. (Botany)	Department of Botany, Arts, Commerce And Science College, Malkapur(Kolhapur)	CHB	4/07/2005 to 30/04/2006
3	12 th	Department of Biology, Rayat shikshan Santha's Adarsh Mahavidhyalaya Shirval	CHB	01/12/2002 to 15/03/2003

❖ Research Specialization: Botany (Plant Pathology, Fungal Diversity, Biochemical analysis Entomology, Horticulture, Ecology).

❖ Familiar with the laboratory skills:

- Microscopic photography, Field Photography.
- Computer operated various instruments.
- Fungal Culture and isolation technique.
- Gel Documentation
- Microscopy
- Plant tissue culture

❖ Research experience: (10 years)

- ✓ Working on insect-pests and diseases of some polyhouse crops from Satara District

- ✓ Worked on *Neochetina bruchi* Hustache A biocontrol agent of *Eichhornia crassipes* in Satara Maharashtra.
- ✓ Worked on : In vitro studies in *Elettaria cardamomum*.
In vitro Antibacterial activity and phytochemical analysis of crude drugs of medicinal plants.
- ✓ Worked on Free Radical Scavenging (DPPH) And ferric Reducing Ability (FRAP) of Some Gymnosperm Species

❖ Publications

a. **Books published: (1)**

1. **Kadam A. S.** (2003). Biology Text Book for XII Students.

b. **Papers published: (11)**

- 1 **Kadam AS**, Namdas DD (2020) Weed Flora of Polyhouse Gerbera Fields from Satara District of Maharashtra. Research Journal of Agricultural Sciences 11(3), 697.
- 2 **Kadam AS**, Namdas DD (2021) Abnormal Pattern Formation in Vegetative and Floral Development in Polyhouse *Gerbera* Cultivation. Research Journal of Agricultural Sciences 12(2), 607-611.
- 3 **Kadam AS**, Kore BA (2017) Diversity of soil mycoflora of *Gerbera* cultivation in polyhouse from Satara Dist. (M.S., India.). Flora and Fauna 23, 50.
- 4 Pawar SD, Thite SV, **Kadam AS**, Kore BA (2018) First report of rust fungi *Puccinia duthiae* on *Dichanthium foveolatum* from India. Journal of Threatened Taxa 10(2), 11354-11355.
- 5 Kore B. A., Thite S. V. and **Kadam A. S.** (2015) Occurrence of *Neochetina bruchi* Hustache A biocontrol agent of *Eichhornia crassipes* (Martius.) solms in Satara Maharashtra. Journal of Zoo's Sprint Threatened Taxa. 7:17-19.
- 6 Pandhure N. B., Bhoite A. S., Kadam D. A., Shinde Y. T. and **Kadam A. S.** (2007) In vitro studies in *Elettaria cardamomum* (Linn.). Bionano Frontier. 1(1):67-69.
- 7 Yadav S. D., **Kadam A. S.**, Kadam D. A., Jadav S. N. and Apradh V. T. (2013) In vitro Antibacterial activity and phytochemical analysis of crude drugs of medicinal plants. World Journal of Pharmaceutical Research 2(3):1-11. (IF 5.99) (ISSN 2277-7105)
- 8 Chorage Priyanka, Kadam D. A., **Kadam A. S.**, Ghule Y. A., and Apradh V. T. (2013) Free Radical Scavenging (DPPH) And ferric Reducing Ability (FRAP) of Some Gymnosperm Species., International Journal of Research in Botany 3(2):34-36. (ISSN 2319-7854)
- 9 Patil D. T., Gurav K. D., **Kadam A. S.**, Thite S. V., Thoke R.B. and Kore B. A., (2013) Qualitative analysis of secondary metabolites from some Filicales members.

International Journal of Research in Pharmacy and Chemistry. 3(2):300-302. (ISSN 2231-2781)

- 10 Jadhav S.N. Kadam D.A. **Kadam A.S.** (2012) Efficacy of new molecules of Insecticides against white Grub, *Leucopholis lepidophora* Infesting Sugarcane In western Maharashtra Satara District
- 11 S.N. Jadhav, Dr. A. S. Bhoite, D.A. Kadam, **Abhijit Kadam** And V.T. Apradh,(2013) Indigenous Health Care Practices of the tribal of the western Ghat satara district (MS) India. International Research of Journal of Pharmaceutical and Applied Sciences, 3(2): 13-17.

12 Papers communicated: Nil

13 Papers presented in conferences/seminars/symposia: (20)

- 1 **Kadam A. S.**, Kore B. A. (2016) *Fusarium* wilt: a limiting factor for floriculture in polyhouses of Satara District, MS, INDIA. In International conference on Plant Research and resource management held at Department of Botany, T.C. College Baramati, Dated: 11-13 Feb.2016.
- 2 **Kadam A. S.**, Kore B. A. (2015) Occurrence of entomophagous fungus on nymphs of white fly infestation on polyhouse crop Gerbera. In National Conference on "Frontiers in Agrochemicals and Pest Management" held at Department of Agrochemical Pest Management, Shivaji University, Kolhapur. Dated 29-30 Jan. 2015.
- 3 **Kadam A. S.**, Kore B. A. (2014) Studies on plant parasitic nematodes associated with polyhouse crops from Satara District, MS, INDIA. In International Conference on "Innovation in Energy, polymer and Environmental Sciences 2014 Dated 10-12 Jan 2014.
- 4 Thite S. V., **Kadam A. S.** and Kore B. A. (2014) Occurrence of *Neochetina bruchi* Hustache A biocontrol agent of *Eichhornia crassipes* (Martius.) solms National Conference on life science :An Outlook and challenges held at Dhahiwadi college Dahiawadi on 12th -13th Sept.2014
- 5 S.N. Jadhav, **Abhijit Kadam**, D.A. Kadam, P.S. Jakhi, Chitali Jadhav Renuka Irannawadi.(2013) "Sacred groves From Satara District " National Conference on "Sacred groves as na repository for Ehtnomedicinal plants held at Rajaram College Kolhapur as on 1st -2nd Feb.2013.
- 6 S .N. Jadhav, Kadam D.A., **Kadam Abhijit**, Jakhi P.S., "Medicinal herbs, being used as natural healers, for fungal infection"(2013) National Conference on Resent trends in Botany held at Y.C.I. Sci. Satara on 18th &19th Jan 2013
- 7 S .N. Jadhav, Kadam D.A., **Kadam Abhijit**, Jakhi P.S., "Weed *Celosia argentea* linn. used us Ayurvedic medicine by rural people from Satara taluka (MS) "(2013) National Conference on Resent trends in Botany held at Y.C.I. Sci. Satara on 18th &19th Jan 2013

- 8 Patil Dipali., **Kadam A.S.** Thite S.V., And Kore B.A. "Qualitative analysis of secondary metabolites from some filicales members" National Conference on Resent trends in Botany held at Y.C.I. Sci. Satara on 18th &19th Jan 2013
- 9 Jadhav S.N., Kadam D.A., **Kadam Abhijit**, Jakhi P.S., Jadhav Chaitali "Sustainability Through organic Farming By Rural Farmers Of Satara Taluka."National seminar on Resent Trends In Life Science 28th -29th Jan 2013.
- 10 **Kadam Abhijit**, Jadhav S.N., Kadam D.A., Jakhi P.S. "Weed Amaranthus viridis Linn. Used in Ayurvedic Medicine by rural people From Satara Taluka(MS) National seminar on Resent Trends In Life Science 28th -29th Jan 2013
- 11 Jakhi P.S., Jadhav S.N., Kadam D.A., **Kadam Abhijit** "Antibacterial Effects From Various Plants Extracts" National seminar on Resent Trends In Life Science, Rajarshi Chhatrapati Shahu College, Kolhapur. 28th -29th Jan 2013
- 12 S.N. Jadhav A.S. Bhoite D.A. Kadam. **A.S. Kadam**," Indigenou health Care Practices of the tribal of western ghat, Satara Dist." In National seminar on Medicinal Plants: Status and future held at dept. of Botany Shivaji University Kolhapur on 6th -7th Nov 2012.
- 13 S.N. Jadhav, D.A. Kadam , **A.S. Kadam** (2012) "Seasonal Variation in fungal Species Isolates as Indoor and Soil Flora of microbiological labrotary of Yashwantrao Chavan Institute of Science Satara."National Conference on Integrated pest management & bioremediation Organized by Dept. Of Botany L.B.S. College Satara and Agricultural Department ZP Satara.
- 14 Y.A. Ghule, H.L Shinde, S.V. Thite, **A.S. Kadam** and J.J. Chavan "Survey and documentation of flowering plants of yawateshwar and Ganesh Ghat (Wai) of Satara District." In National seminar on Medicinal Plants: Status and future held at dept. of Botany Shivaji University Kolhapur on 6th -7th Nov 2012.
- 15 Jadhav S.N., A.S. Bhoite., **A.S. Kadam** And S.J. Ghadage "Occurrence of Epidemic infection of rust and root knot disease on gram from Satara" In National Conference on Plant Biodiversity at Y.C.I. Sci. Satara 23rd -24th April 2010
- 16 Kadam D.A., A.S. Bhoite, S.N. Jadhav and **Abhijit Kadam** (2010) An Overview of Forest Fire around Satara. In National Conference on Plant Biodiversity at Y.C.I. Sci. Satara 23rd -24th April 2010
- 17 S.N. Jadhav, A.S. Bhoite D.A. Kadam, **Abhijit Kadam** (2010) "Study of Atmospheric Fungal Flora From Pateshwar Forest" State level conference in botany on "Current status of plant sciences 19-20 March 2010 at Radhabai kale Mahila Mahavidyalaya, Ahmednagar, 2010.
- 18 V.P. Khandekar, P.B. Chavan, **A.S. Kadam** And D.S. Bhise (2007) Repronasty: A new term for movement of plant organs for reproduction in angiosperms. In International seminar on changing Scenario in Angiosperms Systematics. At Department of Botany Shivaji University Kolhapur 2007

19 Narayan Pandhure, D.A. Kadam, A.S. Bhoite And **Abhijit Kadam** (2007) "Multipurpose In-vitro clonal Propagation in *Musa paradisiaca* L." In International seminar on changing Scenario in Angiosperms Systematics At Department of Botany Shivaji University Kolhapur 2007.

20 Pandhure N.B., Kadam D.A., Bhoite A.S., And **Abhijit Kadam** "Pictorial Survey Of Angiosperms In Satara Region" State level Seminar

❖ **Workshops/Training programmes attended: (8) (UPDATED UPTO 2016)**

Sr. No.	Name of the workshop/ training programme	Place & Date
1	One day Teachers Workshop on "Revised Syllabus of Plant Protection B. Sc. II".	Department of Botany, Dahiwadi College, Dahiwadi. 9 th Feb 2008.
2	One day State level workshop on "NET/SET examination guidance".	Yashavantrao Chavan Institute of Science, Satara. 14 th Apr 2010
3	One day State level workshop on "NET/SET examination guidance".	Yashavantrao Chavan Institute of Science, Satara. 23 rd Feb 2011
4	One day State level workshop on "NET/SET examination guidance".	Yashavantrao Chavan Institute of Science, Satara. 12 th Mar 2012
5	Workshop on "Revised Syllabus of B. Sc. III".	Department of Botany, Yashavantrao Chavan Institute of Science, Satara. 9 th Aug 2012.
6.	One day workshop on "Faculty Training Program".	Yashavantrao Chavan Institute of Science, Satara. 24 th Feb 2015.
7.	Workshop on "Revised Practical Syllabus of B. Sc. III".	Department of Botany, Yashavantrao Chavan Institute of Science, Satara. 2 nd Sep 2015.
8.	One day workshop on "Research Methodology for PG students, Research Scholars and Faculty Members".	Yashavantrao Chavan Institute of Science, Satara. 6 th Feb 2016.

❖ **Conferences/Seminars/Symposia attended: (19) (UPDATED UPTO 2016)**

Sr. No.	Name of the conference/seminar/symposia	Place & Date
1	International seminar on "Changing Scenario in Angiosperm Systematics".	Department of Botany, Shivaji University, Kolhapur. 19 th – 21 st Nov 2007.
2	National conference on "Plant Biodiversity"	Department of Botany, Yashavantrao Chavan Institute of Science, Satara. 23 rd – 24 th Apr 2010.
3	One day Awareness Program on "Biodiversity	Department of Botany, Shivaji

	Conservation”.	University, Kolhapur and Department of Botany, Yashavantrao Chavan Institute of Science, Satara. 23 rd Aug 2011.
4	National conference on “Energy and Sustainable Development”	COE Pune and AMACS College, Rajapur Dist – Ratnagiri. 28 th – 29 th Feb 2012.
5	National conference on “Integrated Pest Management and Bioremediation”	Department of Botany, LBS College, Satara and Agriculture Department, ZP, Satara. 13 th – 14 th Aug 2012.
6	National conference on “Recent Trends in Botany”.	Department of Botany, Yashavantrao Chavan Institute of Science, Satara. 18 th and 19 th Jan 2013.
7	National seminar on “Recent Trends in Life Science”.	Rajarshi Chhatrapati Shahu College, Kolhapur. 28 th – 29 th Jan 2013.
8	National Seminar on “Recent Trends In Botany”.	Department of Botany, A.S.C. College, Ramanandnagar. 8 th Feb 2013.
9	State level seminar on “Patent Process”.	Rayat Vidnyan Parishad and Yashavantrao Chavan Institute of Science, Satara. 20 th Apr 2013.
10	National Conference on “Current Trends in Life Science”	Department of Botany, A. A. College, Manchar, Dist. Pune. 27 th – 28 th Sept 2013.
11	National conference on “Recent trends in Biology: Nanoscience”	Dahiwadi College, Dahiwadi. 13 th - 14 th Dec 2013.
12	International conference on “Innovations in Energy, Polymer and Environmental Sciences” (IEPES-2014).	Yashavantrao Chavan Institute of Science, Satara held on 10 th – 12 th Jan 2014.
13	National Conference on “Life Sciences: An outlook and Challenges”	Department of Botany and Zoology, Dahiwadi College, Dahiwadi. 12 th - 14 th Sept 2014.
14	National Seminar on “Biodiversity and Climate Change”.	Department of Botany, Shivaji University, Kolhapur. 31 st Jan 2015.
15	National Conference on “Frontiers in Agrochemical and Pest Management”	Department of Agrochemical and Pest Management, Shivaji University, Kolhapur. 30 th - 31 st Jan 2015.

16	One day regional seminar on “Biodiversity Conservation and Bioprospecting”.	Department of Botany, Shivaji University, Kolhapur. 24 th Mar 2015
17	National Conference on “Recent advances and Applications of Taxonomy in Life Sciences”.	Department of Zoology, Yashavantrao Chavan Institute of Science, Satara. 6 th and 7 th Oct 2015
18	International conference on “Plant Research and Resource Management” (APSI Silver Jubilee Scientists meet 2016).	Department of Botany, T. C. College of Arts Sci. And Commerce, Baramati Dist – Pune. 11 th – 13 th Feb 2016.
19	International summit on “Technology and Innovations for Industry” (ISTII 2016)	Yashavantrao Chavan Institute of Science, Satara. 8 th - 9 th March 2016
20		

❖ **Worked As Member of Committee:**

1. **Committee Member:** Science Conference, Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara at Yashavantrao Chavan Institute of Science, Satara (2-4 March 2013).
2. **Organizing Committee Member** for ‘National Conference on Plant Biodiversity. (23rd -24th April)
3. **Committee Member** for National Service Scheme, Y C Institute of Science, Satara.
4. **Discipline committee** member from last few year Y C Institute of science Satara.

❖ **Resource person:** (UPDATED UPTO 2016)

1. Student camp under Rayat Inspire Project, Rayat Shikshan Sanstha, Satara at Yashavantrao Chavan Institute of Science Satara (01/12/2015 to 05/12/2015).
2. Maharashtra State Vidnyan Mancha Parishad and Y C Institute of Science, Satara (08/12/2012)
3. Under National Service Scheme delivered a guest lecture on “*Jal Jagruti Sapthah*” on 18th Mar 2016.
4. Worked as examiner for **5th Bio resonance:** an Intercollegiate Paper, Poster and model Presentation Competition on Monday held at Department of Biotechnology, Y.C.I. Sci. Satara.

❖ **Contribution in University Examination:**

1. Worked as Examiner in university practical examination for B.Sc. II Botany at SGM College, Karad. (06/04/2015 to 15/04/2015)
2. Worked as Examiner in university practical examination for B.Sc. II in Plant Protection at Mudhoji College, Phaltan. (16/04/2015 to 17/04/2015)
3. Worked as Examiner in university practical examination for B.Sc. II in Plant Protection at Yashwantrao Chavan Institute of Science, Satara. (22/03/2016 to 26/03/2016)
4. Worked as Examiner in university practical examination for B.Sc. II,III, M.Sc. I and II in Plant Protection at Yashwantrao Chavan Institute of Science, Satara.
5. Worked as Squad member for various exams conducted by Y C Institute of Science Satara

❖ **Computer proficiency:**

- Working Knowledge of Windows: Microsoft Word, Excel, Power Point, Adobe Photoshop and Internet applications.
- Working as departmental Chairman for Computer, Printer & Internet Committee at Y.C.I. Sci. Satara.

🌈 **Co-curricular activities:**

- Participated in NSS Programme for social work at Kshetra Mahuli, Satara (12th Feb 2016 to 18th Feb 2016)
- Participated in blood donation camp (2004 and 2012).
- Participated and Won prize in various body building competitions.
- Participated in state level Nisarga Krushi Pradarshan, 2011.

Place & Date : Satara

Mr. Abhijit Suresh Kadam