



**Faculty Name :** Prof.(Dr.) K.M. Khalkar

**Specialization :** Mycology and plant pathology

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**Qualification:**

Sr. No	Degree	University / Institution	Grade	Year of Passing	Specialization
1	B. Sc.	Savitribai Phule Pune University, Pune.	First Class	1988	Botany
2	M. Sc.	Savitribai Phule Pune University, Pune.	First Class	1991	Botany
3	M. Phil.	Yashvantrao Chavan Maharashtra Open University, Nashik.	First Class	2009	Environmental Science
4	Ph. D.	Savitribai Phule Pune University, Pune.	-	2017	Botany

## Experience:

Name & Address of Employer	Post Held	Period of service	Nature of Duties
M.V.P.Samaj,Arts, Commerce and Science College, <b>Satana</b> , Nashik.	Lecturer	29/11/1991 to 14/06/1996	Teaching (U.G.& P.G) and Research
M.V.P.Samaj,K. S. K. W. Arts, Science and commerce College, <b>CIDCO</b> , Nashik.	Assistant Professor	15/06/1996 to 31/12/2018	Teaching (U.G.) and Research
M.V.P.Samaj,S. V. K. T. Arts, Science and Commerce College, <b>Deolali Camp</b> , Nashik.	Associate Professor	01/01/2019 to 09/07/2019	Teaching (U.G.) and Research
M.V.P.Samaj,KRT Arts, BH Commerce and AM Science College,( <b>K.T.H.M.</b> ) Nashik.	Professor & Head	10/07/2019- till today	Teaching (U.G.& P.G.) and Research

## Papers in International Refereed Journals:

Sr. No	Name of Author(s)	Full Title of the Paper	Journal Name	Volume No	Issue No.	Year of Publication	From Page To Page (pp)
1.	D S Khandbahale, K M Khalkar, R.K.Patil,& K. U. Gaikwad,	Study of a Negative Listed Plant [of India]: <i>Frerea indica</i> Dalz. From Nashik District, Maharashtra.	International Journal of Research and Analytical Review (IJRAR)	11	1	2024	702 to 705
2.	A.M. Aadsare, K.M. Khalkar & S.S.Gaikwad	Histochemical investigation of Exotic Weed <i>Lantana camera</i> L.	Journal of Drug Delivery and Therapeutics (JDDT)	14	2	2024	113 to 115
3.	K. M. Khalkar, D.S.Khandbahale &	Moulds of Different Seed Categories	International Journal of Research and	10	1	2023	

	V.B.Kadam	of <i>Pennisetum typhoides</i> L. Pearl millet plant.	Analytical Review (IJRAR)				
4.	V. B. Kadam , K. M. Khalkar & D. S. Khandbahale	Studies on Seasonal Influence of <i>Azadirachta indica</i> A. Juss. and <i>Melia azedarach</i> Linn.	International Journal of Research and Analytical Review (IJRAR)	10	1	2023	
5.	D S Khandbahale, K. N. Gaikwad, K M Khalkar, & M. R. Bhamare,	Investigation of ‘African tulip tree-calyx water’ as a novel Source water, food and medicine.	Science, Technology and Development, Journal	11	2	2022	442 to 451
6.	M.R. Bhamare*, Kantu Khalkar, D.S. Khandbahale, K.N. Gaikwad	Nutritional profiling of wild edible fruits of <i>Meyna laxiflora</i> Robyns	International Journal of Botany Studies.	7	2	2022	368 to 373
7.	D.S. Khandbahale, K.N. Gaikwad, K.M. Khalkar & M.R. Bhamare	Ethnobotanical survey on folk medicinal plants of Igatpuri Tehsil, district Nasik, Maharashtra state	International Journal of Botany Studies.	7	2	2022	362 to 367
8.	K..N.Gaikwad, D.S. Khandbahale, K.M. Khalkar, Bhamare	Ethanomedicinal potential of Salher-Mulher forest Nashik district (Maharashtra)	International Journal of Botany Studies.	7	3	2022	68 to 71
9.	K.. M. Khalkar, M.R. Bhamare D.S. Khandbahale, K.N. Gaikwad.	Preliminary Phytochemical analysis and Antimicrobial Potential of <i>Terminalia arjuna</i> (Roxb)Wight & Arn.	International Journal of Botany Studies.	7	3	2022	136 to 141

10.	Kantu M. Khalkar	Biochemical profile of <i>Boswellia serrata</i> and <i>Rhus mysorensis</i>	Journal of Drug Delivery and Therapeutics (JDDT)	11	4	2021	131 to 133
11.	Kantu M. Khalkar	The Impact of Distillery Effluents on Fertility of Soil and Growth Characteristics of <i>Cajanus cajan</i> L. (Pigeon pea).	International Journal of Researches in Biosciences, Agriculture and Technology	Special Issue	17	2021	627 to 633
12.	Kantu M. Khalkar & V. B. Kadam	Biochemical Evaluation of Some Liverworts Pigments and Phenolics	Journal of Drug Delivery and Therapeutics (JDDT)	11	4	2021	78 to 80
13.	Kantu M. Khalkar & K.N.Gaikwad	Studies on effect of Distillery effluents on growth characteristics and Rhizosphere mycoflora of <i>Glycine max</i> L.(Soybean)	IJRAR INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)	8	2	2021	Online
14.	Kantu M. Khalkar & K.N.Gaikwad	Comparative study of Rhizosphere Mycoflora of Onion crop in the Chadwad Tehsil of Nashik District.	IJRAR INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)	8	2	2021	Online
15.	Kantu M. Khalkar & K.N.Gaikwad	Impact of Distillery effluents on growth characteristics of <i>Capsicum annum</i> L. (Chilly) plant	IJRAR INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)	8	2	2021	Online
16.	Kantu M. Khalkar & K.N.Gaikwad	Study of Rhizosphere Mycoflora of Onion from	IJRAR INTERNATIONAL JOURNAL OF RESEARCH AND	8	2	2021	Online

		<b>Chadwad Tehsil of Nashik District.(M.S.)</b>	<b>ANALYTICAL REVIEWS (IJRAR)</b>				
17.	<b>Kantu M. Khalkar and R. S. Saler</b>	<b>Impact of distillery effluents on soil and growth characteristics of Arachis hypogaea L. plant</b>	<b>Bionano Frontier</b>	<b>9</b>	<b>2</b>	<b>2016</b>	<b>311 to 314</b>
18.	<b>Kantu M. Khalkar and R. S. Saler</b>	<b>Impact of Distillery effluents on growth characteristics and Rhizosphere mycoflora of Allium cepa L.( Onion)</b>	<b>Bionano Frontier</b>	<b>8</b>	<b>3</b>	<b>2015</b>	<b>125 to 127</b>
19.	<b>Kantu M. Khalkar and R. S. Saler</b>	<b>Impact of Distillery effluents on growth characteristics and Rhizosphere mycoflora of Allium cepa L.( Onion)</b>	<b>Journal of Basic Sciences</b>	<b>-</b>	<b>-</b>	<b>2015</b>	<b>Online</b>

### **Papers in International Conference:**

<b>Sr. No</b>	<b>Name of Author(s)</b>	<b>Full Title of the Paper</b>	<b>Conference Name</b>	<b>Conference held at</b>	<b>Duration of Conference</b>
	Kantu. M. Khalkar	Biological Treatment of Distillery Effluents: Various Methods.	International Symposium on “New Trends in Science and Technology –2021”	New Arts, Commerce & Science College, Parner, Dist. Ahmednagar (Maharashtra).	5 <sup>th</sup> & 6 <sup>th</sup> August, 2021
1	Kantu M. Khalkar	Studies on Bio-Physicochemical Properties of Water Calyx Fluid in the Spathodea campanulata P. Beauv.	Two-Day International E-Conference on Current Research in Applied and Fundamental Sciences - 2021	Sandip University, Nashik	12 and 13 July 2021

2	Kantu M. Khalkar	Studies on impact of distillery effluents on soil and growth characteristics of <i>Trachyspermum ammi</i> (Ajwan) plant.	International Conference on Climate Change and its Effect on Environment, Food & Society (ICCEFS-2021)	Arts, Commerce & Science College, Sonai Tal: Newasa, Dist: Ahmednagar, Maharashtra, India,	June 2021
3	Kantu M. Khalkar and R. S. Saler	Impact of distillery effluents on soil and growth characteristics of <i>Arachis hypogaea</i> L. plant	International Conference on Nutrigenomics & Nutrigenetics	K. T. H. M. College, Nashik	January 2016
4	Kantu M. Khalkar and R. S. Saler	Impact of Distillery effluents on growth characteristics and Rhizosphere mycoflora of <i>Allium cepa</i> L.	International Conference on Biodiversity	NDMVP. Samajs, Arts, Com. & Sci.College, Nandgaon,Dist. Nashik-.in Association with INDO-EUROPE EDUCATIONAL PROGRAM.	22 to 24 Jan. 15
5	Kantu M. Khalkar	Impact of Distillery effluents on growth characteristics and Rhizosphere mycoflora of <i>Solanum melongena</i> L. (Brinjal) Plant.	Bionano Frontier, International Conf.On, Emerging Trends and Challenges in Science and Technology. Bangkok-10500.	Bangkok, Thailand.	November 2014
6	Kantu M. Khalkar	Effect of distillery effluents on Rizosphere Mycoflora of <i>Lens culinaris</i> Medic (Masur)	International Conference on Biodiversity and its Conservation	Modern College of Arts, Science & Commerce, Pune	January 2011

### **Papers in National Conference:**

Sr. No	Name of Author(s)	Full Title of the Paper	Conference Name	Conference held at	Duration of Conference
1	Kantu M. Khalkar	Studies on effect of distillery effluents on Rizosphere Mycoflora of Capsicum Annum L. (Chilly)	National Conference on Climate Change and Challenges in Biodiversity Conservation	Fergusson College, Pune	December 2009
2	Kantu M. Khalkar	Studies on effect of distillery effluents on Seed Germination, Dry Matter, and Seed Mycoflora of Some crop plant.	National Conference on Biotechnological Approaches in Plant Sciences.	SP Sanstha's S.N. Arts, D.J. M. Com. & B.N.S. Sci. College, Sangamner.Dist. Ahmadnagar	16 <sup>th</sup> & 17 <sup>th</sup> Sept., 2008.

### **Conference/ Workshop Attended:**

Sr. No	Name of the Conference/ Symposium / Workshop	International/ National	Place	Date	Paper / poster Presentations (Give Title) / attended
1	National Conference on Plant diversity & Biotech	National	S.S.V.P's L.K.Dr.P.R.Ghogrey Sci,College Dhule	10,11,Dec 2004	Attended
2	National Training Workshop on Electronic Herbarium Digital Database Preparation	National	The Institute of Sci. Dept of botany Mumbai.	10,11, Feb,2004	Attended
3	National Seminar on Recent advances in Botany & Conservation of Biodiversity.	National	Arts, Science & Commerce, College Hadapsar, Pune	27,28,29 Jan, 2006	Paper Presented
4	National Conference on Plants in Relation to Man & Biosphere. Paper	National	St. Xauier's College Mumbai	16,17 Nov,2007	Poster Presented

	Presentation				
5	National Conference on Biotechnology approaches in Plant Science.	National	S.N.Arts,D.J.Malpan i Com. &B.N.Sarda Sci. College SangamnerDist- A. Nagar	16,17 Sept. 2008	Paper Presented
6	National Conference on Climate Change & Challenges in Biodiversity Conservation.	National	Fergusson College Pune	11,12,Dec. 2009	Paper Presented
7	International conference on Biodiversity & its conservation	International	Modern College, Pune	28 - 30 Jan 2011	Paper Presented
8	International conference on current Trend in medicinal Plants Research	International	University of Pune, Pune	10 <sup>th</sup> -12 <sup>th</sup> Jan- 2012	Paper Presented
9	One day workshop on Phy to Chemical analysis of medicinal Plant	International	University of Pune, Pune	13 <sup>th</sup> Jan 2012	Attended
10	Emerging Trends and Challenges in Science and Technology (ETCST-2014)	International	Montien Hotel, Bangkok - 10500 Thailand	3 - 5 Nov. 2014	Paper Presented
11	International Conference on Biodiversity	International	Arts, Commerce and Science College, Nandgaon, Nashik and Indo - Europe Education Programme	22 - 24 Jan. 2015	Paper Presented
12	Chemistry for Overall development of Human Being	National	K. S. K. W. Arts, Science and Commerce College, Nashik	16, 17 Jan 2015	Attended
13	International Conference on Nutrigenomics & Nutrigenetics: present and Future scenario	International	K.T.H.M.College, Nashik	29 <sup>th</sup> & 30 <sup>th</sup> Jan 2016	Paper Presented
14	Conservation of Environment for Human Sustenance	National	SVKT Arts, Commerce and Science College, Deolali Camp	5, 6 Jan 2017	Attended



15	Computer Application and Use of Recent Technique in Science	National	K. S. K. W. Arts, Science and Commerce College, Nashik	28, 29 Dec. 2018	Attended
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Sr.No.	Title of the Conference/ Seminar/ Workshop	Worked as-	Funding Agency	Date
01	“Chief Guest & Speaker for Science Association”.	Chief Guest & Resource Person. Dr.K.M. Khalkar	Savitribai Phule Pune University, Pune	27 <sup>th</sup> September 2023.
02	“Subject Specific Advanced Level Ph.D. Course work” for Ph.D. Research student, Remediation of degraded/ contaminated ecosystem by plants microbes	Resource Person	Savitribai Phule Pune University, Pune	To 12/08/2021
03	“Subject Specific Advanced Level Ph.D. Course work” for Ph.D. Research student, on the Biodiversity Conservation’	Resource Person	Savitribai Phule Pune University, Pune	4 <sup>th</sup> February 2023,
04	One day workshop on “Biotechnology & Biodiversity”.	Co-Ordinator, Prof.K.M. Khalkar	B.C.U.D. Savitribai phule Pune University,Pune.	13 <sup>th</sup> February 2007.
05	State level Seminar on Effect of Pollution on Biodiversity	Co-Ordinator, Prof.K.M. Khalkar	B.C.U.D. Savitribai phule Pune University,Pune.	21 <sup>th</sup> & 22 <sup>nd</sup> January, 2011
06	Two Days State Level Seminar on “ADVANCED RESEARCH TECHNIQUES IN LIFE SCIENCES”	Co-Ordinator, Prof.K.M. Khalkar	B.C.U.D. Savitribai phule Pune University,Pune.	20 <sup>th</sup> & 21 <sup>th</sup> January, 2016
06	Two Days National Conference on “RECENT RESEARCH TRENDS IN PLANT SCIENCES”	Co-Ordinator, Prof.K.M. Khalkar	U.G.C.New Delhi.  Under STRIDE Scheme.	24 <sup>th</sup> & 25 <sup>th</sup> August, 2021.
07	State Level Seminar on ”Awareness of Human Health with Respective Side Effect of Plants Animal and Chemical”	Resource Person, Dr.K.M. Khalkar	B.C.U.D. Savitribai Phule Pune University,Pune.	09 <sup>th</sup> & 10 <sup>th</sup> January, 2018.

08	National Level Webinar “Emerging Research Trends in Plant Sciences”	Convener, Dr.K.M. Khalkar	University Grant Commission under STRIDE scheme	24/08/ 2021 to 27/ 08 /2021
09	Chief Guest & Resource Person.for “Convocation Ceremony” Organised by S.P.P.U ,Pune and MJM., Arts, Com.& Science, College, Karanjalii,Tal.-Peth. Dist. Nashik	Chief Guest & Resource Person. Dr.K.M. Khalkar	B.C.U.D. Savitribai Phule Pune University,Pune.	05 <sup>th</sup> , March 2018.
10	Resource Person for the N.S.S. Camp organised by S.P.P.U ,Pune and KSKW, Arts, Science &Com. College, DIDCO, Dist. Nashik at <b>Girnare</b> Tal. & Dist. Nashik	Resource Person, Prof.K.M. Khalkar	B.C.U.D. Savitribai phule Pune University,Pune.	25 <sup>th</sup> December 2010
11	Resource Person for the N.S.S. Camp organised by S.P.P.U ,Pune and KGDM, Arts, Science &Com.College, Niphad, Dist. Nashik at <b>Kothure</b> Tal. Niphad, Dist. Nashik	Resource Person, Prof.K.M. Khalkar	B.C.U.D. Savitribai phule Pune University,Pune.	06 <sup>th</sup> December 2007

### **List of Syllabus Restructured Seminar/Workshop Attended:-**

Sr.No.	Title of the Conference/Seminar/Workshop	Worked as-	Funding Agency	Place	Date
01	<b>One Day Workshop “On S.Y.B.Sc. Botany Syllabus Revision.”</b>	Participated Prof.K.M. Khalkar	B.C.U.D. Savitribai Phule Pune University,Pune.	MVP Samaj,Arts, Science & Commerce College, Ozar ( Mig), Dist. Nashik )	11 <sup>th</sup> December, 2013
02	<b>One Day Webinar On “Restructuring of S.Y.B.Sc. Botany Syllabus Revision.”</b>	Participated Dr..K.M. Khalkar	BOD,Savitribai Phule Pune University, Pune.	Vidya Pratisthans, Arts, Science & Com. College, Baramati Dist.Pune (Maharashtra).	27 <sup>th</sup> July, 2020
03	<b>One Day Webinar On “Restructuring of M.Sc. Botany Syllabus.”</b>	Participated Dr..K.M. Khalkar	BOD,Savitribai Phule Pune University, Pune.	BPHE Societys, Ahmadnagar College, Ahmadnagar Dist. Ahmadnagar)	29 <sup>th</sup> July, 2020
04	<b>One Day Workshop on “Syllabus Framing at F.Y.B.Sc. Botany as per NEP-2020.”</b>	Participated Dr..K.M. Khalkar	BOD,Savitribai Phule Pune University, Pune.	S.M.B.S.T. College, of Arts, Science & Commerce , Sangmner, Dist.-Ahmadnagar	21 <sup>st</sup> September 2023.

## **Patents :**

Sr.No.	Title of the Patent	Patent No.	National/ International	Details of Patent	Date
01	<b>“Multi chambered Device To Perform Phyto-chemical Analysis.”</b>	378965-001 Date- 09/02/2023	National Government of India  The Patent Office.	Certified that the design of which a copy is annexed here to has been registered as of the number and date given above in class <b>24-02</b> in respect of the application of such design to  <b>MULTICHAMBERED DEVICE TO PERFORM PHYTOCHEMICAL ANALYSIS</b> in the name of  1.Dr.Vasantrao Bhagwan Kadam 2.Dr.Kantu Madhavrao Khalkar	09, February, 2023.

## **Major/ Minor Research Project :**

Sr. No	Name of the faculty	Title of Project and File No.	Name of funding agency	Grant received (Rs)	Minor/ Major
1	Dr. Khalkar Shrikant (Kantu)Madhavrao	Studies on effect of distillery effluents on seed germination, growth, dry matter and Rhizosphere Mycoflora of <i>Capsicum annum L</i>	University Grant Commission, New Delhi	95000	Minor
2	Dr. Khalkar Shrikant (Kantu)Madhavrao	Studies of Physiochemical properties of distillery effluents & its effects on seed germination, growth & Rizosphere Mycoflora of <i>Cajanus cajan L</i> Plant	BCUD University of Pune	200000	Minor

## **Books Published :**

Sr. No	Author Name	Title/Chapter in Book	Edition	Publisher	ISBN/ISSN
01	Dr.Shrikant(Kantu) M. Khalkar	Plant Life and Utilization-II , Class-F.Y.B.Sc.	2019	Success Publication	973-93-89739-29-9

02	Dr.Shrikant(Kantu) M. Khalkar	Taxonomy of Angiosperm and Plant Ecology, Class- S.Y.B.Sc.	2020	Success Publication	978-93-87020- 54-2
03	Dr.Shrikant(Kantu) M. Khalkar	Algae and Fungi, Class - T. Y. B. Sc. (BO - 351)	2021	Success Publication	978-93-24457- 52-1

### **Other:**

### **List of Award Received:-**

Sr.No.	Title of the Award	Award	Award Agency	Working Place	Date
01	<b>Best “Students Welfare Officer Award”</b>	Trophy and <b>Rs.5000/-</b>	B.C.U.D. Savitribai Phule Pune University,Pune.	KSKW, Arts, Science &Com.College, DIDCO, Dist. Nashik (Maharashtra).	May, 2014.
02	<b>“Best Teacher Award”</b>	Trophy and Certificate	Sarvajanik Vachanalay Nashik	K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik,	Sept. 2024