

Name of the faculty: Dr. S. P. Khairnar



Designation	Professor
Name of the department	Botany
E-mail	<a href="mailto:Khairnarsp66@rediffmail.com">Khairnarsp66@rediffmail.com</a>
Qualification	M. Sc. Ph.D
Date of Appointment	09.10.1990
Mobile No.	9403708954
Teaching Experience	32 Years

**Research Papers Presented :-**

- \* International Conference: 13
- \* National Conference: 41
- \* State level Conference: 05
- \* University level Conference: 14

**Research Papers Published in national & international journals and  
Conference proceedings:-**

- \* 19 Papers Published

**Visits abroad to present research papers:-**

- \* Australia (Melbourne) 2011
- \* Srilanka (Colombo) 2013
- \* Bhutan (Kanglung) 2013
- \* UAE (Dubai) 2015

**Participation in national training programme:-**

- \* 10 days, Delhi University on Ecology Taxonomy & Conservation (Dec. 2009)

- \* 15 days, Bose Institute Kolkata on DNA Finger Printing (Feb. 2014)
- \* 15 days Refresher Course of Science Academies at Gandhi Institute Dindigul (Tamilnadu) (Dec. 2018)
- 7 days training programme on Orchid cultivation, Micro propagation & clonal fidelity testing sponsored by DST G.O.I. ( 14 – 20 Oct. 2022 ) at Botany dept. Rajiv Gandhi University Rono Hills, Doimukh, Arunachal Pradesh

#### **Academic Achievements:-**

- \* Elected as member, Board of studies in Botany in Pune University (2005-2009)
- \* Published two books of B.Sc. syllabus of SavitribaiPhule Pune University
- \* Published 20 popular articles on higher education agro technology transfer, environment awareness, in national level magazines like Yojana Agrobiosand newspapers like Loksatta, Sakal etc.,
- \* Life member of Indian Aerobiological Society.

#### **Awards Won:-**

- \* Late SumatiPatil memorial award for M.Sc. (Botany) SavitribaiPhulePune University. (1987)
- \* Botany Silver Jubilee Gold Medal award for M.Sc. (Botany) SavitribaiPhulePuneUniversity(1988).
- \* BharatjyotiPuraskar from Best Citizen Publishers, New Delhi (2017)
- \* Glory of India Gold Medalist from Best Citizen Publishers, New Delhi (2018)
- \* Global India excellence Achievements Award, Bharat Rattan Publishing House, New Delhi 2021.
- \* Life Time Golden Achievement Award, Bharat Rattan Publishing House, New Delhi 2021.
- \* National Gold Medalist Padma Award, Bharat Rattan Publishing House, New Delhi 2022.

#### **Fellowship / Scholarships won:-**

- \* Late Milind Gandhi Scholarship for M.Sc. (Botany) Pune University 1987.
- \* Teachers fellowship of UGC, New Delhi (IXth Plan)
- \* Fellowship of Indian Society of Life Sciences (2010)

### 1. Research Papers in Peer – reviewed Or UGC listed Journal

Sr. No.	Title with the Research paper	Title of the Journal	ISSN / ISBN No.	Whether peer reviewed. Impact Factor , if any
1	Illiteracy: An impediment in Paddy Technology Adoption.	Bio Journal Vol13(I-II) July2001 25-30	ISSN 0970-9444	Peer reviewed
2	BGA Technology : Adoption Behavior of Tribal Farmers :	BRI's JAST 5(I & II) Vol.1 <sup>st</sup> & 2 <sup>nd</sup> Page No.81 to 85 (2002) Dec.2002	ISSN No.0971-9563	Peer reviewed
3	Field Demonstration: an Effective Mode for Bio-Fertilizers Technology Communications : Vol.6(I&II) Page No.99-102 (Dec.2003)	BRI's JAST 5(I & II) Vol.1 <sup>st</sup> & 2 <sup>nd</sup> June – Dec.2003 Page 99-102	ISSN 0971-9563	Peer reviewed
4	Blue Green Alga Bio Fertilizers Eco Friendly Bio Technology for Paddy Vol.8 (2) (2011) page 269-272	Life Science Bulletin July 2011 Vol 8 (2) Page 303-306	ISSN No.09735453	Peer reviewed
5	Blue Green Algal (BGA) Bio Fertilizers as Eco Friendly Bio	Agro-bios Jodhpur Vol.10 Page 35-36 (2008)	ISBN (10) 81-7754-381-8	Peer reviewed

	Fertilizers			
6	Blue Green Algal (BGA) Bio Fertilizers an Indigenous Technology for Tribal Paddy Farmers	A Memoir Journal of International Conference of 2 <sup>nd</sup> Bio Tech Congress at RGBC RTM Uni. Nagpur Dec. 2006 Page No.151 & 152		Yes
7	Blue Green Algal (BGA) Bio Fertilizers as Indigenous Bio Technology	Proc. Of International Conference Bio Diversity Dhule 2011	Prashant publication Jalgaon ISBN 978-93-82414-44-5	Yes
8	Folk & Herbal Sources of Medicine from Surgana Forest	Proc. Of International Conference Dhule 2011	Prashant publication Jalgaon ISBN 978-93-82414-44-5	Yes
9	Traditional Medicolore Plant Diversity in Anjaneri Nashik District	Proc. Of International Conference on Advance in Environmental Sciences 2012 Kanglung Bhutan	ISBN 978-33-5030-155-5	No
10	Ethno medicinal Plant Diversity in Nashik District	Proc. Of International Conference on Environmental and Humanities Eco Revolution 2012 Colombo, Shrilanka.	ISBN 978-81-920431-2-8	No
<b>Proceeding of National Conference.</b>				
11	Effect of Communication Mode on Adoption of BGA Bio Fertilizers by Paddy Farmers of Nashik District	National Conference Plant Diversity & Bio Technology organized by SSVP's College, Dhule Dec. 2005 Page 254-257		Yes

12	Impact Analysis of Information Sources and Constraints in Adoption of BGA Bio Fertilizers	Proc. Of National Conference on Plant Diversity and Bio Technology Dhule (MS) Dec. 2004 Page 258-261		Yes
13	Impact of Socio Personal Characters Adoption of BGA Bio Fertilizers	Proc. Of National Conference on Plant Science Pravaranagar 2005 Page 484-487		No
14	Blue Green Algal (BGA) Bio Fertilizers as Eco Friendly Bio Technology for Paddy	Proc. National Conference BioDiversity sustainable Development and Human Welfare Jan. 2009 PP 182-186		No
15	Medicinal Plants used to cure Diarrhea by the tribal people of Nashik District (MS)	Special Issue of Research Journal of MVP's A.M.Sonawane College, Satana (Nashik) 2011 Vol.1, No.2 Page 29-34		Yes
16	Study of role & functions of plants in environment.	Current global reviewer, Special issue Vol-2 sept. 2020.	ISSN 2319-8648	Yes ( 7.139)
17	Effect of Eco Chemical parameters on algal blooms	Research Journals 2021	ISSN 2348-7143	Yes
18	Ayurvedic applications of Butea monosperma	International Research Journal	ISSN 2349-638X	Yes
19	Study of Bio indicators plants of Mausam river	Proceedings of Asia for Earth- 2022	ISBN 978-93-92106-18-7	Yes

## 2. Publications (other than Research papers)

### Books authored which are published by

Sr. No.	Title with Page No.	Type of Book & Authorship	year	ISSN / ISBN No.	Whether you are the main author
1	Plant Physiology	Shruti Publication	1997	-	yes
2	Plant Physiology	Vision Publication	2007	978-93-80111-46-09	yes

### Chapters/Article published in Books:

Sr. No.	Title with page Nos.	Books Title, editor & publisher	ISSN/ISBN No.	No.of Coauthors	Whether you are the main author
1	1)Plant Growth 2)Physiology of Flowering	Plant Physiology Dr.Apparao	Shruti Publication, Loni, Pravaranagar	5	No
2	Water absorption  Ascent of Sap	Fundamentals of Plant Physiology Dr.H.D.Sane Vision Publication Pune	ISSN No.978-93-80111-46-9  ISSN No.978-93-80111-46-9	4  4	No  No

### Popular Articles Published

Sr. No.	Title with page Nos.	Place & Date of & publication	State / National
1	Gregor John Mendal : Father of Genetics	Vidnyanyug Pune April, 1992	State Level Magazine
2	Environmental Hazards and Human Interference ISSN 0044-0515 ISBN 0971-8391	Yojana Mumbai October, 1993	National Level Monthly Magazine Govt. of India Publication in all languages
3	Dr. J.C. Bose- Kalpavruksha of Natural Science	Vidyaanyug Pune 1994	State Level Magazine
4	Green House Effect	Vidyaanyug 1996	State Level Magazine

5	Blue Green Algal Bio-Technology for Paddy Crop	Dial Sakal Nashik August 2005	State Level News Paper
6	Higher Educations Yesterday Today & Tomorrow ISSN 0044-0515 ISBN 0971-8391	Yojana Mumbai 2010 Loksatta Mumbai, 2010	National Level Magazine GOI Publication
7	Need of Total Auditing of Education	Daily Loksatta Mumbai October 2011	State Level News Paper
8	Eco Friendly Contribution of Bio Technology	Daily Loksatta Mumbai October 2012	State Level News Paper
09	Environment imbalance and its control measure	Daily Deshdoot Nashik	
10	Plants our relatives	Daily Lokmat Nashik 1998	
11	Blue green algae for Rice	Daily Gaonkari Nashik 2007	
12	Blue green algal technology for Agriculture	Daily Deshdoot Nashik 2007	
13	BGA Bio fertilizer production technology	Daily Deshdoot Nashik 2007	
14	Transplanted rice farming part 01	Daily Deshdoot Nashik 2007	
15	Transplanted rice farming part 02	Daily Deshdoot Nashik 2007	
16	DrArun Dixit the Man of Principle	Dhayasparva PUCTO Publication	
17	Factors influencing Higher Education	Daily Gaonkari Nashik 2009	
18	Psycopency in Education	Daily Gaonkari Nashik 2009	
19	Maintaining status of Higher Education	Daily Gaonkari Nashik 2010	

### **3. Creation of ICT mediated teaching Learning pedagogy and content development of New and Innovative courses and curricula.**

Sr. No.	Description
(a)	Development of Innovative pedagogy
(b)	Design of Ne curricula and courses
(c)	MOOC
(d)	e-content

**4. (a) Research Guidance: Nil**

**i) Ph. D.**

Sr. No.	Name of the Scholar	Title of the thesis	Name of the University	Month and year	Claimed score	Verified API score
	nil				00.0	

**ii) M. Phil. /P.G. dissertations: Nil**

Sr. No.	Name of the Scholar	Title of the thesis	Name of the University	Month and year

**(b) Research Projects completed:**

Sr. No	Title of the project	Funding agency	Grant sanctioned	Duration	Project status
01	Exploration of Traditional Sources of Plant medicines from tribal Belt of Nashik District	University Grant Commission New Delhi	77,000.00	Feb. 2009 to Feb. 2011	Completed

**5(a) Patents (International/National)**

<b>Sr. No.</b>	<b>Title of the patent</b>	<b>Funding agency</b>	<b>Details of patent/technology transfer</b>	<b>Major policy documents of central/state/WHO/UNO</b>
	Nil			

**(b) Policy documents submitted to International body/organization/Central/State Govt.):**  
**NIL**

**(c) Awards/Fellowships:**

<b>Sr. No.</b>	<b>Award/Fellowship</b>	<b>Award from reputed organization/Govt.</b>
<b>1</b>	Fellowship	Society of life Science 2010
<b>2</b>	Life membership	Indian Aerobiological Society 2016

**6. Invited Lectures/ResourcePerson/Papers presentation in Seminars/Conferences/Workshop etc.**

<b>Sr. No.</b>	<b>Invited Lecture Details</b>	<b>Date</b>
<b>1</b>	Delivered invited lecture to M.Phil. students at SSVP's Sci. College, Dhule on topic Research Methodology,	02-04-2007
<b>2</b>	Delivered two lectures under remedial teaching programme of Pune University at KKW College, Pimpalgaon,	24 Feb.2011
<b>3</b>	Worked as resource person at two days University level workshop on F.Y.BSc. Syllabus Framing at Akole College	on 7 and 8 Dec. 2007
<b>4</b>	Chaired session of International Conference on 21 <sup>st</sup> Century Challenges in life sciences organized by International digital organization Deira Dubai (UAE)	18 to 22 Nov. 2015
<b>5</b>	Worked as resource person at state level seminar on waste management strategies at surgana College	17 and 18 Jan. 2019

**Papers Presented in Seminars/Conferences:**

**(i) International Seminars/Conferences...**

<b>Sr. No.</b>	<b>Title of the papers presented</b>	<b>Title of Conference / Seminar</b>	<b>Organized by</b>
<b>1</b>	BGA inoculation : an ecofriendly bio fertilizer for Paddy	International Symposium on physiological Research Feb 25-27(2010)	BHU Varanasi
<b>2</b>	Threatened and Endemic plants in Nashik District	XIth IOPB 2010 2-4 Sept (2010)	Dr.BabasahebAmbedkarMarathwada University Aurangabad
<b>3</b>	Ethno Medico Botany of Tribal of Nashik District	Folk and Herbal Medicines (Nov. 25-27 , 2010	MohanlalSukhadia, University Udaipur RAJ.
<b>4</b>	Exploration of Traditional Sources of Medicinal Plants from Surgana	Folk and Herbal Medicines (Nov. 25-27 , 2010	MohanlalSukhadia University Udaipur RAJ.
<b>5</b>	BGA Bio Fertilizers an indigenous bio fertilizers	18 <sup>th</sup> International Botanical Congress 23-30 July 2011	Melbourne, Australia
<b>6</b>	Noise Pollution level in Nashik city	International Conference on Plant Diversity and Environmental Crisis 11-13 Feb 2011	SSVP College, Dhule
<b>7</b>	Folk and Herbal Medicinal Sources from Tribal Belt of Nashik District	International Conference on Plant Diversity and Environmental Crisis 2011	SSVP College, Dhule
<b>8</b>	Comparative study of Noise Pollution level in Nashik City	11 <sup>th</sup> International Conference of Environment and Tourism 22-24 Feb 2012	University of Mysore
<b>9</b>	Exploration of some ethno medicinal	Ethno pharmacology Institute 20 & 22 Feb. 2015	RTM University, Nagpur

<b>10</b>	Ethno medicinal Survey of Some plants	International digital organization Deira Dubai (UAE) 18 to 22 Nov2015	Dubai (UAE)
<b>11</b>	Ethno medicinal Plants Diversity in Nasik District (M.S.), India”	International Conference on Environment & Humanity ECO REVOLUTION – 2012 held on 18 <sup>th</sup> – 20 <sup>th</sup> 2012 at Colombo, Sri Lanka	University of Colombo
<b>12</b>	“Traditional Medicole Plants Diversity in Anjneri, Nasik District (M.S.) India”	Indo Bhutan International Seminar Advances in Environmental Sciences (AES 2012)	The Microbiological Society of India & Sherubtse College Bhutan on 11-12 May. 2012
<b>13</b>	Blue Green Algal (BGA) Bio Fertilizers an Indigenous Technology for Tribal Paddy Farmers	International Conference of 2 <sup>nd</sup> Bio Tech Congress in Innovation Biotechnology 18-21 Dec.2006	RGBC RTM Uni. Nagpur Dec. 2006 Page No.151 & 152

#### **PAPERS PRESENTED IN NATIONAL CONFERENCE.**

<b>Sr. No.</b>	<b>Title of the paper presented</b>	<b>Title of Conference</b>	<b>Organized by</b>
<b>1</b>	Two new species of Fungi from Maharashtra	79 <sup>th</sup> Indian Sci. Congress 1992	M.S.University Baroda 3 to 7 Jan. 1992
<b>2</b>	Limnological studies of Hartala Lake Jalgaon	Advances in Mycology & Biotechnology April 2001	PVP College, Pravaranagar, Dist. A’Nagar
<b>3</b>	Illiteracy : An impediment in Paddy Technology Adoption	Plant Biotechnology for Agriculture 7-8 Oct. 2001	V.N. Naik College, A”bad

<b>4</b>	Constraints of Paddy Technology Adoption by tribal of Nashik.	Frontiers in biotechnological aspects in plant science 30 -31 Jan2002	Dr. BabasahebAmbedkarMarathwada University Aurangabad.
<b>5</b>	Role of Improved Agrotechnology – Paddy Yield	Changing Biodiversity scenario in India 14-15 July , 2008	Dr. BabasahebAmbedkarMarathwada University Aurangabad.
<b>6</b>	Role of Field Demonstration of BGA Bio fertilizers	Recent advances in plant microbiology 22-23 March 2003	CT Bora College, Shirur, Pune.
<b>7</b>	BGA Bio Fertilizers technology an Eco Friendly bio technology for Paddy	National Symposium on Bio Technology 2004	School of Life Science North Maharashtra University, Jalgaon.
<b>8</b>	Yield Potential	National Seminar on Herbal Technology 28-29 jan.2005	M.S.University, Baroda
<b>9</b>	Impact of Socio Economic	National Conference on Plant Science 2005	PVP College,Pravarangar
<b>10</b>	BGA Bio Fertilizers an Indigenous Bio Fertilizers	National Seminar on Botany, 27-29 Jan.2006	Hadapsar College, Pune
<b>11</b>	Impact analysis of – BGA Bio Fertilizers	93 <sup>rd</sup> Indian Science Congress 3-7 Jan. 2006	N.G.Ranga University, Hyderabad (AP)
<b>12</b>	BGA Bio Fertilizers Adoption & Communication mode effects	93 <sup>rd</sup> Indian Science Congress 3-7 Jan. 2006	N.G.Ranga University, Hyderabad (AP)
<b>13</b>	Some Ethno medicinal Plants	Current Trends in Plant resource Utilization 26-27 Feb.2007	Pune University
<b>14</b>	BGA Inoculation..	National Conference on Present Scenario of Environment Pollution	Govt. College, Aurangabad, 2009
<b>15</b>	Medicinal Plants used.	Recent Advances in Flora Fauna	Satana College, 2011

<b>16</b>	Assessment of Noise... Nashik District	National Conference on Present Scenario Environment Pollution 2009	Govt. College, Aurangabad, 2009
<b>17</b>	Blue Green Algal... effect	94 <sup>th</sup> Indian Science Congress 3-7 Jan 2007	Annamalai University, Chidambaram (Tamilnadu)
<b>18</b>	Comparative Analysis— Paddy Yield	95 <sup>th</sup> Indian Science Congress, 3-7 Jan 2008	Andhra University, Vishakapatnam
<b>19</b>	Ethno medicinal Survey	Modern Trends in Plant Science 6-7 Oct 2007	Dr. Babasaheb Ambedkar Marathwada Uni. Aurangabad.
<b>20</b>	BGA Bio Fertilizers	National Conference on Bio Diversity	SSVP Sci. Collge, Dhule 2009
<b>21</b>	Ethno medicinal Plants Used	National Seminar on Changing Biodiversity 14-15 July 2008	Deogiri College, Aurangabad 2008
<b>22</b>	Survey of Some medicinal Plants	National Seminar on Caretakers of Biosphere 14-16 Feb. 2008	VidyaPratishtans Science Collge, Baramati. 2008
<b>23</b>	Blue Green Algal Bio Fertilizers—Eco Friendly	96 <sup>th</sup> Indian Science Congress 3-7 Jan 2009	North East Hill University, Shillong (Meghalaya)
<b>24</b>	Medicinal Plant Diversity	16 <sup>th</sup> National Conference Aerobiology 19-21 Nov 2010	Bapuji Institute of Engineering and Technology, Davangere (Karnataka)
<b>25</b>	Medicinal Plants used	National Conference on Flora & Fauna 2009	Satana College, Satana
<b>26</b>	Exploration of wild- Nashik District	100 <sup>th</sup> Indian Science Congress 2013 3-7 Jan 2013	Kalkatta University
<b>27</b>	Antimicrobial Activity	National Conference on Plants	Shahada College Nandurbar.
<b>28</b>	Wild Food resources	101 Indian Science Congress 2014 3-7 Feb 2014	Jammu University, Jammu

<b>29</b>	Antimicrobial Activity of Cucumis	XXXVII All India Botanical Conference of Indian Botanical Society	V.G. Vaze College, Mulund, Mumbai 7 <sup>th</sup> to 9 Nov. 2014
<b>30</b>	Embryonic Development— Colchicine	Natioal Conference on Applied Zoology in Sustainable development	North Bengal Univerity, Siliguri (West Bengal) 30Jan to 2 Feb.2015
<b>31</b>	Conservation of threaten & endemic Plants ... Nashik	National symposium on Bioresource and sustainable development	North East University Shillong (Meghalaya) 28 & 29 Oct. 2015
<b>32</b>	Diversity of threaten & endemic plants	National Conference on Indian aerobiological society	Tumkur University, Karnataka 28 to 30 Sept. 2015
<b>33</b>	Effect of Sopindus on biochemical..	National conference on biodiversity conservation and coastal management	Vivekanand College, Kanyakumari (Tamilnadu) 10-12 Aug. 2017
<b>34</b>	Phytochemical study.. Celosia	National Conference on Indian Aerobiological Society	Bose Institute, Kolkatta 9to 11 Dec. 2016
<b>35</b>	Tribal Mediclore Plant diversity	102 Indian Sci. Congress	Mumbai University (MS) 3-7 Jan, 2015
<b>36</b>	Ethno botanical survey.. Nashik	103 <sup>rd</sup> Indian Science Congress	University of Mysore (Karnataka) 3-7 Jan. 2016
<b>37</b>	Threaten & Endemic Species	104 <sup>th</sup> Indian Science Congress	S.V.University Tirupati (Andhra Pradesh) 3-7 Jan, 2017
<b>38</b>	Impact analysis of information Sources	National Conference on Plant diversity	S.S.V.p.S College Dhule 10-11 Dec.2004
<b>39</b>	BGA Biotechnology --- Ecofriendly	National Symposium	North Maharashtra University Jalgaon 25-27 Nov. 2004
<b>40</b>	Effect of BGA Bio fertilizer	National Conference in Plant Science	PVP College Pravaranagar 10-12 March 2005

<b>41</b>	Honey Bee Farming for Sustainable Development	National Symposium on Bio resources	North East University, Shillong 28-29-Oct 2015
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**PAPER PRESENTED AT STATE LEVEL/UNIVERSITY CONFERENCE..**

<b>Sr. No.</b>	<b>Title of the paper presented</b>	<b>Title of Conference</b>	<b>Organized by</b>
1	Impact of Communication Mode	State Level Conference on Innovative approaches in life science	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
2	Role of BGA Bio Fertilizers	Strategic Approaches to Environment problems	Bhosala Military College, Nashik
3	Resource Person	Seminar on Revised Syllabus	Akole College, Ahmednagar
4	Resource Person	Workshop on FYBSc New Syllabus	Manchar College, Pune
5	Resource Person	Recent Trends in Botany	Saikheda College Nashik