

### Personal Profile

Name	Dr. SaswadeRamkisan Raghunath			
Name of Department	Botany			
Date Of Birth	01/06/1968			
Date Of Appointment	04/01.1993			
P.G. Teacher Recognition	2008			
Teaching Experience	25 Years			
Educational Qualification				
Degree	Year	Marks/Out Off	Class	University/ Institute
Graduation	1990	62%	1 <sup>st</sup> Class	Savitribai Phule Pune University
Post-Graduation	1992	61%	1 <sup>st</sup> Class	Savitribai Phule Pune University
SET / NET / GATE / CSIR				
B.Ed. / M.Ed. /M.P.Ed / M. Lib				
MS-CIT / Tally	2003			
M. Phil.				
Ph.D.	2007			Savitribai Phule Pune University
Other	F.A.P.S			Academy of Plant Science, India

### ACADEMIC PROFILE

- Details of Orientation/Refresher Courses / Summer School / Short Term course attended

Sr. No	Name of the Orientation /Refresher Courses	Dates and Duration	Place
•	Orientation Program	29/3/1997 to 25/4/1997	SPPU,Pune
•	Refresher Course I	03/6/1998 to 30/6/1998	Dept of Botany, SPPU,Pune
•	Refresher Course II	10/6/2002 to 29/6/2002	A,Nagar College
•	Refresher Course III	07/9/2006 to 27/9/2006	Dept. of Botany, SPPU,Pune
•	Short Term Course	16/1/2017 to 21/1/2017	BAMU, A.Bad

- Details of Research (M. Phil. / Ph. D. Award)

Sr. No	Title of Thesis	University	Date of Award	Link to Shodhganga
Ph. D.	Allelopathic Potential of some Dominant Weeds of Semi Arid Crop Ecosystem of	SPPU,Pune	31/12/2007	

	NewasaTahasil, Dist. Ahmednagar			
M Phil.	--			

Details of Research Projects (Major / Minor): Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years

Project	Title	Duration	Amount sanctioned	Funding Agency
Minor Research Project	Allelopathic Potential of Some Dominant Weeds of Semi Arid Crop Ecosystem of NewasaTahasil, Dist. Ahmednagar	2 Years	60,000/-	UGC
Minor Research Project	Bio-efficacy of wild plant extracts against <i>Fusarium solani</i> and <i>Alternaria alternata</i> in Vitro	2 Years	2,00,000/-	SPPU, Pune

- Books / Reference Book Published

Title of Book	Name Publisher	ISBN / ISSN	Year	Volume and Page numbers
Plant Anatomy And Embryology	Prashant Publications	978-93-85021-07-7	2014	61 to 85

- Research Papers Published:

Total Impact Factor	
Total Citation	
H – index	
I 10 -index	
Scopus	

- Detail List of Publish Paper in following sequence

Name Of the Journal, Year, Volume, issue and page numbers, Name of Authors; Title, Citation Index / Impact Factor, ISSN / ISBN number

Sr. No.	Title of the Paper.	Journal Name, Page nos., Vol. no., Issue no., Year of publication	ISSN / ISBN No.	Impact Factor if Any	No. of co-authors	Whether principal author/ corresponding author / Guide	Verified API score
1	Allelopathic effects of <i>Celosia argentea</i> and <i>Euphorbia hirta</i> leaf extract s on germination and seedling growth of mungbean ( <i>Vigna radiata</i> ), chickpea ( <i>Cicer arietinum</i> ) and sorghum ( <i>Sorghumbicolor</i> ) 25(1) 197-201	<u>Advances in Plant Sciences.25 (I) 197-201</u>	0970-3586	+  2.7 By NAAS	0	Principal author	13
2	Allelopathic potential of <i>Celosia argentea</i> and <i>Euphorbia hirta</i> leaf extracts on seedling physiology of some field crops. 25 (1) Pp 27-29	<u>Advances in Plant Sciences.25 (I) 197-201</u>	0970-3586	2.7 By NAAS	0	Principal author	13
3	Phytosociolog Studies on field of Semi arid Crop Ecosystem. 19 (1) Pp 31-34	<u>Flora and Fauna 2013 VOL.19. No 1 ( Special Issue</u>	0971-6920	3.4 By NAAS	0	Principal author	13
4	Effect of Streptomycin on Mitotic Index and Cell Division in <i>Allium sativum</i> L.. <u>Journal of Flora and Fauna</u> , Special Issue. 19 (1) Pp 173-174.	<u>Flora and Fauna 2013 VOL.19. No 1 ( Special Issue</u>	0971-6920	3.4 By NAAS	0	Principal author	13
5	Effect of <i>Celosia</i> and <i>Euphorbia</i> Leaf Extracts on Physiological	<u>BIONANO FRONITER</u>	0974-0678	Nil	0	Principal	13

	Properties of Social Under Field Crops. Pp 277-278					author	
6	Effect of Wild plant Extracts on yield per plant gm in Mung bean and chickpea	International Journal of Multidisciplinary studies	2455-8499	1.3599	1	Co- author	09
7	Qualitatively preliminary phytochemical analysis of some different weed's species	International journal of research and analytical reviews	2348-1269	5.75	0	Author	13
8	Identify and achene morphology in Eleocharis atropurpurea (RETZ.) J. Presl and C. Presl and Eleocharis genleculata L.	International Disciplinary E Research Journal	2348-7143	6.261	03	Co- author	02
9	Eleocharis lankana T. Koyama ( Cypereaceae) A new record for maharashtra state	International journal of Scientific Research and Reviews	2279-0543		01	Co- author	09
10	Achene morphology of genus Eleocharis R. Br. ( Cypereaceae) in Konkan Region of Maharashtra	International Disciplinary E research Journal	2348-7143	6.26	03	Co- author	02
11	Allelopathic effect of Cleosia and Euphorbia leaf extracts on yield per plant ( GM) in wheat and sorghum	International journal of research and analytical reviews	2348-1269	5.75	0	Author	13
12	Effect of Consortium of Phosphate Solubilizing Bacteria and Tricoderma Spp. On yield Contributing traits of Bell-pepper ( Capsicum annum	Journal of Emerging technologies and innovative research	2349-5162		04	Co- author	02

	L.)						
13	Study of Soil Nutrient of Suregaon village of NewasaTehsil of Ahemednagar District, Maharashtra, india	Journal of Emerging technologies and innovative research	2349-5162		04	Co- author	02
14	Study of major soil fertility index, Availability of some Micronutrient and microbial population of Panegaon village of NewasaTahesil, Maharashtra, India	ACTA scientific	2581-3226		07	Co- author	02
15	Derivatization finger printing analysis of the amaranthus tricolor leaves using HPTLC methods	International journal of research and analytical reviews	2348-1269	5.75	02	Co-author	04

- Detail about Research Guide and Detail of Students registered awarded M.Phil / Ph.D.

Sr. No	Name of University	Name of Student	Year of Registration	Date of Award
1	SPPU,Pune	Sable Kaveri Viswas.	30/7/2014	2023
2	SPPU,Pune	Pansare Anup Shankar	30/7/2014	Perusing
3	SPPU,Pune	KaraleBhagyashali Ashok	30/7/2014	2021
4	SPPU,Pune	Sagar Chhabanlondhe	10/01/2022	Perusing
5	SPPU,Pune	Shalaka Gangaram Dhakne	10/01/2022	Perusing

- Detail about Guidanceto Students working under Project

	Name of Project	Number of Students guided	Level achieved
Project	Nil	Nil	Nil
Avishkar	Nil	Nil	Nil
Chemiyad	Nil	Nil	Nil

- Research **Articles Published** in Seminar/Conference / Symposia in International / National / State / University

Sr.No	Name of Seminar/Conference and Place	Title of Article
1	National Conference on Biodiversity, Biotechnology and Climatic Change, Sonai	Effect of <i>Celosia argentea</i> L and <i>Euphobiahirta</i> L Leaf Extract on Chlorophylls Content in Field Crops
2	<u>National Conference on New Vistus in Plant Science and Biotechnology Shevgaon</u>	Phytosociological Studies of <i>Celsia argentea</i> and <i>Euphorbia hirta</i> on Bajra Crop
3	International Conference on Plant, Marine and Environmental Sciences, Kaula Lumpur, <b>Malaysia</b> (PMES-2015)	Allelopathic Potential of <i>Celosia</i> and <i>Euphorbia</i> Leaf Extracts on yield per Plant (gm) in Mungbean, Chickpea and Sorghum.
4	International Conference on Plant research and resource management Baramati	Effect of Plant Extract against <i>Fusarium sonani</i> and <i>Alternaria alternata</i> in vitro
5	International Conference on Plant research and resource management Baramati	Allelopathic Effectv of <i>Amaranthus tricolor</i> Leaves Leachets on Seed Germination and Seedling Growth of Wheat
6	International Conference on Bioengineering and life sciences	Effect of wild plant extract against <i>Alternaria alternata</i> and <i>aspergillus niger</i> invitro

- Details of **Attended** Seminar/Conference/workshop Symposia in International / National / State / University

Sr.No	Name of the Seminar /Conference	Dates and Duration	Place
•	Regional Research Conference (INNOVATION-2013) Sponcered by BCUD Pune at Ahmednagar College, Ahmednagar	16 <sup>th</sup> Aprial 2013	Ahmednagar
•	National Seminar on Current Approaches and Challenges in Life Sciences at New Arts Comm. And Science College Ahmednagar.	26 <sup>th</sup> and 27 <sup>th</sup> July, 2013	Ahmednagar

•	National Seminar on New Victus in Plant Sciences and Biotechnology at New Arts Comm. And Science College Shevgaon.	2 <sup>nd</sup> and 3 <sup>rd</sup> Aug. 2013.	Shevgaon
•	National Seminar on Environmental Education and Scietific Terminology Sponsored by Commission for Scientific and Technical Terminology Ministry of HRD New Delhi, at New Arts Comm. And Science College Shevgaon.	23 <sup>nd</sup> and 24 <sup>rd</sup> Aug. 2013	Shevgaon.
•	National Conference on Bio-Diversity and Ecological Sustanability at S.C.S. (J) College, Puri Odisha	17 <sup>th</sup> -19 <sup>th</sup> Supt 2013	Puri , <b>Odisha</b>
•	National Conference on Status Opporctunities and Challenges in Life Sciences. Sponsored by UGC, at Radhabai Kale Mahila Mahavidyalaya, Ahmednagar,	19 <sup>th</sup> -29 <sup>th</sup> DEC. 2014.	Ahmednagar
•	National Conference on Interdisciplinary Approaches in Biological Sciences at Radhabai Kale Mahila Mahavidyalaya, Ahmednagar,	19 <sup>th</sup> -29 <sup>th</sup> DEC. 2014.	Ahmednagar
•	National Conference on Plant, Marine and Environmental Science	1-2 Jan. 2015	Kuala Lumpur <b>Malaysia</b>
•	National Conference on Biodiversity and Environment	22-23 Jan 2016	SDM ,Newasa
•	International Conference on Plant Research and Resource Managment	11-13 Feb 2016	T C College Baramati
•	International Conference on Natural Resources Management and sustainable Agriculture	20-21 Jan. 2017	ASC College Parner
•	National Conference on Climate Cghange, Biodiversity and Boi-resource Management	1-3 Feb 2017	Port Blair Andman
•	Internal conference on climate change and its effect on Biodiversity, Commerce and Economics	28-29 Feb. 2020	Sonai
•	International conference on Microbes for Sustainable Agriculture, Animal Husbandry and Environment	3 – 4 February 2023	Pandharpur
•	International conference on Ecological Prospective of Agriculture and Biological Sciences	20- 22 may 2023	Sultanpur, UP

- Details of participation in **Organization** of Seminar/Conference/workshop /Symposia in International / National / State / University

Sr.No	Name of the Seminar /Conference	Dates and Duration	Nature of workdone
•	State Leval Conference in Botany	23-24 March 2014	Research Paper Presentation

- Collaborations and Linkage International / National / Any other

	<b>International</b>	<b>National</b>	<b>State</b>	<b>University</b>	<b>Dist</b>	<b>College</b>
Collaboration	Nil	Nil	Nil	Nil	Nil	Nil
Linkage	Nil	Nil	Nil	Nil	Nil	Nil

- Patents received

<b>Type of Patent</b>		<b>Number and date</b>
National/ International/ Commercialized	Applied	No
	Granted	No

- **Research and Extension activities** awards / recognitions received by faculty and research fellows of the institute in the year

<b>S.No</b>	<b>Name of Award</b>	<b>International /National</b>	<b>Year</b>	<b>Organization</b>	<b>Place</b>
<b>1</b>	Smt. Rama Devi APSI Gold Medal Award	national	2013	Academy of Plant Sciences	Puri, Odisha
2	Best Teacher Award	National	2014	North Indian Society ,Pune	Pune
3	Fellow of the Academy of Plant Sciences India	National	2014	Academy of Plant Sciences India	Muzaffarnagar
4	Session Best Paper Certificate	International	2015	International Conference on Plant, Marine and Environmental Science	Kuala Lumpur, <b>Malaysia</b>
5	Academy of plant sciences India, Distinguished Scientist Award	InterNational	2023	Ecological Prospective of Agricultural and biological sciences	Sultanpur, UP

- Various Committees as LIC, subject experts, chairpersons or resource persons by University or other Govt / Non-Govt. bodies

<b>Sr.No</b>	<b>Name of Committee</b>	<b>Place</b>	<b>Duration</b>
•	Chairman: (LIC)	Sushilabai Kale Mahila Mahavidyalaya, Kolpewadi, Dist- Ahmednagar	20013
•	Subject expert	Gokhle Education Society Nasik	2013
•	Chairman: (LIC)	Sushilabai Kale Mahila	20014

		Mahavidyalaya, Kolpewadi, Dist- Ahmednagar	
•	Chairman: (F.Y.B.Sc, Syllabus)Sub Committee	Savitribai Phule Pune University	2014
•	Member: (LIC) For Permanent Affiliation	Arts , Com and Science College Dindori, Nasik	2014
•	Member: (LIC) For P.hD Center	MSG College of Arts, Commerce and Science, Malegaon camp, Nashik	2014
•	Member: (LIC) F,Y B,Sc Additional Div.	Vdyapratisthan's Arts Commerce and Science College, Bhigwan Road, MIDC, Baramati, Dist- Pune	2015
•	Member: (LIC) for P.hD center	New Arts Comm and Science College, Ahmednagar	2015
•	Member: (LIC) For P.hD Center	Ahmednagar College Ahmednagar	2015
•	Member( LIC) For New PG Course	New Arts .Com and Sci College Shevgaon	2016
•	Member( LIC) For New PG Course	New Arts .Com and Sci College, Parner	2016
•	Academy of plant sciences India,	Sultanpur, UP	2023

- Various Committees as Board of Studies / Faculty member / Dean by University / other Govt / Non-Govt. bodies

Sr. No	Name of Committee	Place	Duration
•	Board of Studies in Botany	SPPU ,Pune	10/11/2010 to 31/08 2015
•	Faculty of Science	SPPU, Pune	10/03/2011 to 31/08 2015

- Extension activities in the neighborhood community in terms of impact and sensitizing students to Skill development, social issues and holistic development during the last five years

Extension Activity	Nature of work carried	Beneficiary
Soft-Skill development	Nil	
Social issues		
Holistic development		

- Special guidance to Slow and Advanced learner during the last five years

<b>Extension Activity</b>	<b>Nature of work carried</b>	<b>Beneficiary</b>
Slow learner	Nil	
Advanced learner		

- Number of awards and recognition received for extension activities from Government /recognized bodies during the last five years

	<b>International</b>	<b>National</b>	<b>State</b>	<b>University</b>	<b>Dist</b>	<b>College</b>
Award	NIL	1	NIL	NIL	NIL	NIL
Recognition						
other						

- Extension and outreach programs conducted in collaboration with industry, community and Non-Government Organizations (NGO) through NSS /NCC /Red Cross /YRC etc., during the last five years
  - Name and number of the extension and outreach programs
  - Name of the collaborating agency: Non- government, industry, community with contact details
  - Year of the Activity
- Participation in extension activities with Government Organizations, Non-Government Organizations and programs such as Swachh Bharat, AIDS Awareness, Gender Issue, etc. during the last five years
  - Name of the activity
  - Name of the scheme
  - Year of the activity
  - Number of teachers participating in such activities
  - Number of students participating in such activities
- Linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years
  - Title of the linkage
  - Name of the partnering institution/ industry /research lab with contact details
  - Year of commencement
  - Duration (From-To)
  - Nature of linkage
- Functional MoUs with institutions of National, International importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)
  - Organization with which MoU is signed
  - Name of the institution/ industry/ corporate house
  - Year of signing MoU
  - Duration

- List the actual activities under each MoU
- Number of students/teachers participated under MoUs

- Innovative Teaching methods used, use of ICT, e-learning resources, etc.

Methods	Details
Innovative Teaching methods	Plants Directly Explore During the Lectures and Short Demonstrations
ICT	
e-learning resources	e- Lectures of the concern lectures through internet

- Internal Evaluation of students

Method of evaluation	Process adopted	Frequency / year / subject
Internal Test	Long and Short Questions / MCQ	By ending of Chapter/ Topic
Seminars	Group and Topic wise Seminars / By sudden topic	Bi monthly during the academic year
Tutorial	Home /Class Tutorials in a term	Two in each term
Oral	During class, Regular practical, Internal and University Exams	Regular on concern subject lectures / practicals

- List of books in personal library

Sr. No.	Title of Book
1	Ecology and Utilization of Plants. <i>P.D Sharma</i>
2	Plant Biotechnology. <i>P.K.Gupta</i>
3	Ecology and Environment. <i>P.D Sharma</i>
4	A Text Book of Botany. <i>Singh ,Pande, Jain</i>
5	Fungi, B.R. Vashishta
6	Pharmacognosy. <i>Kokate,Gokhalr and Purohit</i>
7	Cell Biology, Genetics, Evolution and Ecology, <i>Varma&amp; Agarwal</i>
8	A Class Book of Botany. <i>A.C. Datta</i>
9	Outlines of Biochemistry. <i>Conn,Stumpf, Bruening and Doi</i>
10	Agricultural Biotechnology. <i>Chopra, Sharma and Swaminathan</i>
11	Plants and Environment. <i>R.F Daubenmire</i>
12	Texonomy of Vascular Plants. <i>Lawrence</i>
13	An introduction of Embryology of Angiosperms. <i>P. Maheshwari</i>
14	Ecological Aproches to Indina Weeds. <i>David N. Sen</i>
15	Text Book of Plant Physiology. <i>Malik and Srivastava</i>
16	Unufied Botany. <i>S.B. Agarwal</i>
17	Plant Anatomy And Embryology. <i>Patil SaswadeGahile Aher</i>

18	Plant Physiology. <i>Patil Barmukh, Dusane and Deshmukh</i>
19	Plant Systematics and Plant Ecology. <i>Dhumal ,Patil Gadekar, More</i>
20	Plant Diversity. <i>Mahajan Sagar Deshmukh</i>

- List of Journals / periodicals subscribed

Sr. No.	Title	Duration
1	Advances in Plant Sciences	Life Member
2	Bio Nano Frontier	Yearly
3	Flora and Fauna	Yearly

- Use of college library / n-list resource in average days per year : **Regularly**
- Any other special activity :