



## Bio-Data of Dr. P.K. Ramteke

Name	<b>Dr. Ramteke Purushottam Khetri</b>
Father's Name	Khetri Istari Ramteke
Nationality	Indian
Place & Date of birth	Usagaon Dist- Bhandara, 6 <sup>th</sup> May, 1971
Designation	Assistant Professor in Botany
Qualification	<b>M.Sc., NET, SLET, Ph.D.</b>
Institution's Address	Raja Shripatrao Bhagawantrao Mahavidyalaya (Arts and Science), Aundh Taluka-Khatav, Dist.-Satara-415510, Affiliated to Shivaji University, Kolhapur,
Contact	Cell No.9552331276 Tel. 02161-262324 (O)

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### Academic Qualification

High School 1987	With Sci, Maths, Social Sci, Hindi, Eng, Marathi Subjects and passed with 58.85 % marks
Higher Secondary 1989	With Science , Maths Subjects and passed with 50.50% marks
B. Sc. 1993	With Botany, Zoology and Chemistry with 51.55% marks
M.Sc. (Botany) 1996	Passed with 65.6% marks
CSIR-NET 2000 ( National Eligibility for Asst. Professorship) conducted by Council of Scientific and Industrial Research, New Delhi	Life Sciences
UGC- SLET 2000 ( National Eligibility for Asst. Professorship) conducted by University Grants Commission, New Delhi	Botany
Ph.D. 2011 (Awarded by Shivaji University, Kolhapur), India	“Studies on management of <i>Fusarium solani</i> rhizome rot of ginger in Maharashtra”

## Participations in Programmes (Refresher/Orientation)

Detail of Courses	University	Period
Orientation ( General)	University of Pune	31.10.2006 to 27.11.2007
Refresher Course in Life Sciences	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	3.3.2008 to 21.3.2008
Refresher Course in Life Sciences	Savitribai Phule Pune University, Pune	7.1.2015 to 27.1.2015
Short Term Course on Research Methodology	Savitibai Phule Pune University, Pune	14.01.2018 to 20.01.2018

### Completed UGC- Research Project-1

Minor Research Project Successfully Completed (Rs. 4, 22,000/-) Sanctioned by University Grants Commission, MHRD, Govt. of India, Western Regional Office, Pune (File No: 47-1244/14 WRO dated 21 Dec., 2015) entitled “Use of plant resistant inducers to control with pathogen of fenugreek”

### Life Membership

Life Member of Indian Science Congress Association, Kolkata, India  
Life Member of Asian PGPR Society for Sustainable Agriculture, USA

### Area of Specialization: Mycology and Plant Pathology

#### Areas of Research Interest:

Fungicide resistance in plant pathogens  
Chemical management of fungicide resistance pathogens  
Management of resistance pathogens using biopesticides and biocontrol agent.  
Induction of fungicide resistance  
Enhancement of biocontrol ability of *Trichoderma* using physical mutagens  
Use of chemical inducers to control fungal pathogens  
Systemic acquired resistance in plants

**Teaching Experience:** 21 Years

**Research Experience:** 20 Years

**Administrative Experience:** Worked as I/C Principal of RSB Mahavidyalaya, Aundh for a few months

### Innovation in Teaching and Research in Science

Best teacher of college elected by the students in 2004  
Inculcate scientific temper including science exhibition among the students and society  
New strategies and technologies applied while teaching in remote area  
Research undertaken through project to control diseases of leafy vegetable without using hazardous fungicides and insecticides for benefit of society  
Giving guidance to the journals for publication of research papers across the globe

## Worked as Reviewer for Journals (Mostly Impact Factor): 14

### Prizes/Awards/Honors/ Distinctions

Prize for standing **first class first in Post Graduation (Botany)** from J.M. Patel College, Bhandara affiliated to R.T.M. University, Nagpur

**Best Teacher of College** elected by the college students in 2004

**Favorite Teacher** awarded by **English Personality School, Pune** in 2004

**UGC- Teacher Research Fellow (2009-2011)**

**Prestigious “BHARAT GAURAV AWARD”** 2016 and **“GLORY OF INDIA GOLD MEDAL”** 2016 were awarded by India International Friendship Society (IIFS) and International Institute of Success Awareness (IISA), New Delhi on 12th May, 2016 at India International Centre, **New Delhi.**

**South Asian Education Awards-17 Certificate of Excellence** on 19th March, 2017

**5<sup>th</sup> Academic Achievement Awards-17 Certificate of Appreciation** on 10th Sept., 2017

**Best Outstanding Researcher National Award 2020** from **Kamarajar Institute of Education and Research (KIER), Theni (TN).** Regd. Institute under Ministry of MSME, Govt. of India

### Seminars/ Conferences/ workshops Attended: 40

### Research papers presented in national and international conferences: 04

### Research Publications: 14

Varghese, M., Nicodemus, A., **Ramteke, P.K.**, Anbazhagi G., Bennet, S.S.R. and Subramanian, K. (2000). Variation in growth and wood traits among nine populations of teak in Peninsular India. *Silvae Genetica* 49: 201-205. **Germany** (IF: 0.543)

Hegde Maheshwar, **Ramteke, P.K.** and Subramanian, K. (2004). Genetic variation and *interse* genetic correlation of seedling characteristics in teak (*Tectona grandis L.*). *Indian Journal of Forestry* 27 (1): 19-24.

**Ramteke, P.K.** and Kamble, S.S. (2010). Sensitivity of *Fusarium solani* towards benomyl. *Bioinfolet* 7 (3): 233-234.

Jagtap, A.A., **Ramteke, P.K.**, Waghmare, M.B. and Kamble, S.S. (2010). Effect of different carbon and nitrogen sources on growth of *Sclerotium rolfsii* causing rhizome rot of turmeric. *Bioinfolet* 7 (3): 244-245.

**Ramteke, P.K.** and Kamble, S.S. (2011). Studies on induced mutants of *Fusarium solani* and their pathogenicity on ginger (*Zingiber officinale* Rosc.). *Geobios* An international Journal 38: 33-36.

**Ramteke, P.K.** and Kamble, S.S. (2011). Physiological studies in *Fusarium solani* causing rhizome rot of ginger (*Zingiber officinale* Rosc.). *The Bioscan* 6(2): 195-197. [www.thebioscan.in](http://www.thebioscan.in)

**Ramteke, P.K.** and Kamble, S.S. (2011). Evaluation of phytoextracts against *Fusarium solani* causing rhizome rot of ginger (*Zingiber officinale* Rosc.). *Current Biotica* 4(4): 469-474. [www.currentbiotica.com](http://www.currentbiotica.com)

**Ramteke, P.K.** and Kamble, S.S. (2015). Biocontrol potential of UV-induced mutants of *Trichoderma harzianum* against *Fusarium solani* causing rhizome rot of ginger (*Zingiber officinale* Rosc.) *Bioinfolet* 12 (4B): 951-952.

IIFR IF: 5.3612 NAAS Rating: 3.75 Print ISSN 0973-1431 Online ISSN 0976-4755

**Ramteke, P.K.** (2015). How to write a research article for publication. In proceedings of U.G.C. sponsored national seminar on “Role of research in improvement of quality of teaching and learning in higher education” on 9<sup>th</sup> and 10<sup>th</sup> Oct. 2015 organized by Miraj Mahavidyalaya, Miraj (MS). pp. 144-146. **ISBN: 978-93-5254-269-7**

**Ramteke P.K.**, Ghule M.R. and Ramteke S.D. (2019). First report of *Fusarium solani* causing root rot on fenugreek (*Trigonella foenum-graecum*) in India. *Plant Disease* 104(3):992.e-ISSN: 1943-7692.U.S.A. **IF: 3.809** <http://apsjournals.apsnet.org/doi/full/10.1094/PDIS-08-19-1622-PDN>

**Ramteke P.K.** (2019). Effect of resistance inducers on *in vitro* inhibition of mycelial growth and sporulation of *Fusarium solani* causing root rot of fenugreek. *Plant pathology & Quarantine* 9(1):198-209. ISSN: 2229-2217. **China**

[https://plantpathologyquarantine.org/pdf/PPQ\\_9\\_1\\_18.pdf](https://plantpathologyquarantine.org/pdf/PPQ_9_1_18.pdf)

**Ramteke P.K.**, Ghule M.R., Ramteke S.D. and Anuja Bhosale (2019). Induction of root -rot resistance in fenugreek by seed treatments with salicylic acid and methyl jasmonate. *Annals of Plant Physiology* 32(2): 8-12. ISSN: 0970-9924

Ghule M.R. **Ramteke P.K.**, Ramteke S.D., H. A. Jambhekar (2020). Various diseases incidence on fenugreek crops and their management. Chapter for book *Fenugreek-Biology and Applications* (Eds.- M.Naeem, Tariq Aftab, M. Masroor A. Khan) communicated to **Springer Nature, Singapore**

Mahesh R Ghule, **Purushottam K Ramteke**, Sahadeo D Ramteke, Prasad S Kodre, Amruta Langote, Somnath K Holkar, Hemangee A Jambhekar (2020.) Impact of chitosan seed treatment in fenugreek for management of root rot disease caused by *Fusarium solani* under *in vitro* and *in vivo* conditions. Communicated to *3 Biotech* (**Springer Nature, Switzerland**) **IF: 2.270**

**(Dr. P.K. Ramteke)**