


BIO-DATA

1.	Name and full correspondence address	 DR. PRIYA PANDURANG GURAV Division of Soil chemistry and Fertility ICAR-Indian Institute of Soil Science, Berasia Road, Nabibagh Bhopal-462038 (Madhya Pradesh)
2.	Email(s) and contact number(s)	priyaguravnbs@gmail.com; priyagurav87@yahoo.com 09561107426
3.	Institution	ICAR-Indian Institute of Soil Science, Bhopal
4.	Date of Birth	20 August, 1987
5.	Gender (M/F/T)	F

7. Academic Qualification (Undergraduate Onwards):

S.No.	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc.	2009	Agriculture	M.P.K.V. Rahuri	7.5
2.	M.Sc.	2011	Soil Science and Agricultural Chemistry	Dr. PDKV, Akola	8.29
3.	Ph.D.	2017	Soil Science and Agricultural Chemistry (Land Resource Management)	Dr. PDKV, Akola (NBSS & LUP, Nagpur)	8.74

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award:

Thesis title	Evaluating methods of available potassium in Vertisols in relation to their mineralogy
Guide name	Dr. S.K. Ray, Principal Scientist & Head, NBSS & LUP, Regional center, Jorhat, Assam
Year of Award	2017

10. Work experience (in chronological order):

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Agriculture Officer	State Agriculture Department of Maharashtra	1 June 2013	30 Nov 2015	9300-15600 GP-4400
2.	Scientist (Trainee)	ICAR-National Academy of Agriculture Research and Management, Hyderabad	01 January, 2016	09 April, 2016	15600-37100 GP-6000

3.	Scientist	ICAR-Indian Institute of Soil Science, Bhopal	10 April 2016	till now	15600-37100 GP-6000
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11. Publications (List of papers published in SCI Journals, in year wise descending order):

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	P.L. Choudhari, Jagdish Prasad, Priya Gurav , S.K. Ray, P. Chandran and P. Tiwary.	Characterization and Classification of Teak-supporting Soils in Seoni District of Madhya Pradesh.	Agropedology		Accepted	December 2017
2.	Priya P. Gurav , S.K. Ray, P.L. Choudhari, T. Bhattacharyya, P. Chandran, V. K. Kharche, P. Tiwary and A. K. Biswas	Characterization of some Vertisols of different Agro-ecological regions of India.	Agropedology		Accepted	June, 2017.
3.	Pushpajeet L. Choudhary, Jagdish Prasad and Priya P. Gurav	Distribution of DTPA-extractable Fe, Mn, Zn and Cu in teak and sandalwood supporting soils in Seoni district, Madhya Pradesh.	Indian Forester	144(1)	73-77	January, 2018
4.	P.P.Gurav , R.P.Gawande, P.L. Choudhari, B.A.Patil, and A.S. Gajare	Effect of integrated nutrient management on yield and changes in soil fertility status under sorghum based intercropping system.	Journal of Soils and Crops	25(1)	133-139	June-2015
5.	S.N. Ingle, O.D. Kuchanwar, P.L. choudhari, Priya P. Gurav , Y.S. Pawar and A.J. Pantangray	Effect of foliar application of zinc and iron on yield, content and uptake of gladiolus on Vertisols.	Trends in Biosciences	8(23)	6605-6608	2015
6.	P.L. Choudhari, M.M. Raut, D.S.Patil, P.P. Gurav and A.S. Gajare	Suitability of industrial effluents and well water for irrigation around Butibori industrial area of Nagpur	Journal of Soils and Crops	23(2)	359-364	Dec-2013

12. Books/Reports/Chapters/General articles etc

S.No	Title	Author's Name	Publisher	Year of Publication
1.	Genesis and Transformation of Clay Minerals in Shrink-Swell Soils of India.	Priya P. Gurav, P. L. Choudhari, A. O. Shirale, B. P. Meena and A. K. Biswas	Biomolecule reports-An international e-newsletter	2017

13. List of seminar and conferences attended

Priya P. Gurav, Gawande R.P., P.L. Choudhari	“Integrated nutrient management in Sorghum based intercropping system in Vertisol” Paper presented at National Seminar on ‘Managing Land Resources for Sustainable Agriculture’. ISSLUP, NBSS & LUP, Nagpur. 12 th to 13 th October 2012.
Priya P. Gurav, S.K. Ray And P.L. Choudhari	Variation of some soil properties of Vertisols developed in different Agro-ecological regions of India. Paper presented at Nineteenth Annual Convention and National Conference on Application of Clay Science in Agriculture, Environment and Industry, August 7-8 , 2015, Kolkata.
Priya P. Gurav and S.C. Datta	Determination of Threshold levels for potassium release in Vertisols of different Agro-ecological regions In India. Paper presented at Eighty - First Annual Convention - 2016 on Developments in Soil Science – 2016”, October 20-23, 2016, Gwalior.
Priya P. Gurav, S.K. Ray and Pushpajeet L. Choudhari	Morphological and Physico-chemical soil properties of Vertisols developed in different Agro-ecological regions of India. Paper presented at International Conference on “Integrated Land Use Planning for Smart Agriculture.” November 10-13, 2016, National Bureau of Soil Survey and Land Use Planning, Nagpur.
Priya P. Gurav and A. K. Biswas	Role of clay minerals in stabilization of organic matter - A Review. Paper presented at National Conference on Organic waste management on food and environmental security. February 8-10, 2018 at ICAR-IISS, Bhopal

14. Any other Information (maximum 500 words)- Nil

I dealt with mineralogical studies and its interpretation my specialization is on potassium and its mineralogy, release threshold levels and fixation threshold levels of potassium, potassium in black soils. I am well-versed in laboratory analysis and expertise in handling X-ray diffract gram machine. I have also worked on integrated nutrient management system in different intercropping systems.

Date: 15.02.2018

Place: Bhopal

(Priya Pandurang Gurav)