

## CURRICULM VITAE



### PERSONAL PROFILE:

Name : Dr. VIVEK KUMAR SINGHAL  
Name of Mother : Sheela Devi  
Name of Father : Sudarshan Kumar  
Permanent Address : Vill-Vishunpur, Post-Udaipur,  
Teh- Udaipur, Dist-Surguja,  
Chhattisgarh, 497116  
Ph.No./Mob. No. : 09574623986  
Email ID : vscoolvivek44@gmail.com  
Date of Birth : 31/12/1989  
Sex : Male  
Religion : Hindu  
Category : General  
Nationality : Indian  
Domicile State : Chhattisgarh  
Language Proficiency : Hindi, English  
Present Designation : Rural Agricultural Extension Officer under  
department of Agriculture Chhattisgarh

### Academic Qualification:

Degree	Name of the Institution	Name of the University/Board	Subject	Percentage/ Grade	Class	Year of Passing
S.S.C.	Multipurpose Higher Secondary School Ambikapur, Surguja	C.B.S.E.	-----	63.00%	First	2005
H.S.C.	Multipurpose Higher Secondary School Ambikapur, Surguja	C.B.S.E.	Science	70.20%	First	2007
B. Sc. (Agri.)	College Of Agriculture, Raipur	IGKVV, Raipur, Chhattisgarh	Agriculture	78.00%	First	2013
M.Sc. (Agri.)	N. M. College of Agriculture, Navsari	N.A.U., Navsari	Soil Science & Agril. chemistry	85.56%	First with Distinction	2015
Ph.D. (Agri.)	College Of Agriculture, Raipur	IGKVV, Raipur, Chhattisgarh	Soil Science & Agril. chemistry	82.99%	First	2018

### Details of ASRB NET Exams Qualified

NET	-	ICAR-ASRB New Delhi	Soil Science	Year of Passing	Percentage
				2015	60.00%

### Work Experience

Name of Jobs/work	Duration of work Experience	Grade pay
Rural Agriculture Extension Officer	1 year and 6 month	5200- 20500

### Research work during M. Sc. (Agri.):

“Study the efficacy of foliar application of water soluble fertilizers in okra and cowpea crops”

### Research work during Ph.D. (Agri.):

“Evaluation of arsenic content in soil, water and crops and response of FYM, zinc, and sulphur application on arsenic load in rice crop in Ambagarh Chowki block of Rajnandgaon district (Chhattisgarh)”

**Awards and Certificates:**

- Young Scientist award 2017 for the quality research work on “Evaluation of arsenic content in soil, water and crops and response of FYM, zinc, and sulphur application on arsenic load in rice crop in Ambagarh Chowki block of Rajnandgaon district (Chhattisgarh)” carried out during Ph.D. degree, on the occasion of 6<sup>th</sup> International conference on recent advance in agriculture and horticulture sciences, New Delhi, India.

**Extra-Curricular Activities:**

- Successfully completed the Rural Agricultural Work Experience programme during the 8<sup>th</sup> semester of B.Sc. (Hons.) Agriculture degree.
- Participated in national service scheme (NSS) during 2009 to 2012 and got “B” certificate in NSS.
- Participated in two days IPM training programme on 19.03.2010 and 20.03.2010, organised by Central Integrated Pest Management Centre, Raipur.
- Worked as mater trainer in Rastriya Krishi Vigyan Mela 2012 organised by Indira Gandhi Krishi Vishwavidhlaya, Raipur and Department of Agriculture, Chhattisgarh.
- Got overall 4<sup>th</sup> rank in CET-2013 (M.Sc. entrance exam) conducted by IGKVV, Raipur.
- Got overall 124<sup>th</sup> rank in All Indian Entrance Examination for Admission to the master degree programme in Agricultural Universities 2013 conducted by ICAR.
- Got overall 124<sup>th</sup> rank in ICAR’s AIWWA-PG-2013 exam in the subject of Physical Science.
- Got overall 27<sup>th</sup> rank in ICAR’s AICE-SRF(PGS)-2015 exam in the subject of Soil Sciences.

<b>Publications : (Number Published)</b>			
(i)	<b>Total No. of Research Papers Published in NAAS Rated Journals</b>		<b>10</b>
	Name of Journal	No. of Papers Published	NAAS Rating
	The Ecoscan	04	4.65
	Research in Environment and life Science	03	4.09
	International journal of Chemical Studies	01	5.25
	Multilogic in Science	01	5.20
	Environment and Ecology	01	4.20
(ii)	<b>Total No. of Review Papers Published</b>		<b>02</b>
	Name of Journal	No. of Review Papers Published	NAAS Rating
	Society for Scientific Development in Agriculture and Technology	01	3.90
	Multilogic in Science	01	5.20
(iii)	<b>Total No. of Short Notes Published</b>		<b>01</b>
	International journal of Chemical Studies	01	5.25
(iv)	<b>Total No. of Popular Articles Published</b>		<b>11</b>
	Name of Publishing Magazine	Online/Offline	No. of Popular Articles Published
	Agribios	Offline	05
	Krishi World	Offline	06
(v)	<b>Total No. of Book(s) Published</b>		<b>01</b>
	Name of Publishing Agency/Company	No. Published	
	Blue Rose Publisher	01	
(vi)	<b>Total No. of Abstracts Published</b>		<b>06</b>
<b>Number Attended :</b>			
Seminars		02	
Conferences		02	
Workshops		02	
Convention		02	
Training		02	

## Full Details of Publications:

### Research Papers:

1. **Vivek Kumar Singhal**, Patel, G.G., Bambaniya, S., Patel, D.P. and Saras, P.K. (2016). Effect of foliar application of water soluble fertilizers in okra. *Res. Environ. Life Sci.*, **9**(3) 297-299.
2. **Vivek Kumar Singhal**, Patel, G.G., Kumar, U., Kumar, T., and Painkra, B. (2016). Effect of the efficacy of foliar application of water soluble fertilizers in vegetable cowpea. *Res. Environ. Life Sci.*, **9**(12) 1478-1481.
3. **Vivek Kumar Singhal**, Anurag, Rathiya, G.R. and Kumar, T. (2018). Arsenic concentration in drinking and irrigation water of Ambagarh Chowki Block, Rajnandgaon (Chhattisgarh). *I. J. C. S.* **6**(2): 733-739.
4. **Vivek Kumar Singhal**, Patel, G. G., Patel, D. H., Kumar, U. and Saini, L.K. (2015). Effect of foliar application of water soluble fertilizers on growth, yield and economics of vegetable cowpea production. *The Ecoscan*, **7**: 79-83.
5. **Vivek Kumar Singhal**, Patel, G. G., Patel, D. H., Kumar, U., Saras, P. and Singh, G. (2015). Evaluation of the efficacy of foliar application of water soluble fertilizers in okra. *The Ecoscan*, **8**: 467-472.
6. **Vivek Kumar Singhal**, Patel, G. G. Patel, Kesharwani, A. and Tomar, G. S. (2015). Study the effect of foliar application of water soluble fertilizers in cowpea. *Multilogic in Science*, **5**(13): 108-110.
7. Bambhaneeya S. M., Kaswala A. R., Mistry P. S., Bhoomika Patel, **Vivek Kumar Singhal** and Ketan Satashiya (2015). Effect of different intercropping in banana on physico-chemical and biological properties in clayey soil under organic farming. *Res. Environ. Life Sci.* **8**(4) 629-632.
8. Chuohan, M., Kumar, D., Gudadhe, N. N., **Vivek Kumar Singhal**, and Hanwat, R. (2015). Productivity, quality, and nutrient uptake by summer pearl millet as influenced by transplanting dates and nitrogen levels. *The Ecoscan*, **8**: 325-329.
9. Kumar, U., Gulati, I. J., Dewraj, P., and **Vivek Kumar Singhal** (2015). Influence of humic acid and salicylic acid on nutrient content, quality, yield attributes and yield of tomato (*Lycopersicon esculentum* mill.) Under salinity stress. *The Ecoscan*, **7**: 283-289.
10. Prasad, R., Das, A., Shirgire, S. T., Kumar, J. P. and **V. K. Singhal** (2017). Vertical Distribution of Available Micronutrients in Some Pedons Situated at Undulated Hilly Terrain of Dangs District, Gujarat. *Environment & Ecology*, **35** (4B) : 3195—3201.

### Review Papers:

1. Kumar, U., Gulati, I.J., Gupta, K., **Vivek Kumar Singhal** and Paikra, B. (2016). Impact of salinity stress on biochemical, physiological parameters, nutrient content, quality, growth and yield on crops: a review. *Progressive Research*, **11** (1) : 473-475.
2. Vivek Kumar Singhal, Kesharwani, A., Shrivastava, L.K. and Rathiya, G.R. (2017). Importance of boron for plant growth and development: A review. *Multilogic in Science*, **7**(23): 163-164.

### Short Notes:

1. **Vivek Kumar Singhal**, Anurag, Rathiya, G.R. and Banvasi, R. (2018). Accumulation and partitioning of arsenic in rice varieties of Ambagarh Chowki, Rajnandgaon district, Chhattisgarh. *I. J. C. S.* **6**(1):1385-1388.

### Popular Articles (English):

1. **Vivek Kumar Singhal**, Kesharwani, A., Kumar, R. and Prasad, R. (2015). Mulching as a technique of water saving technique in crop production. *Agrobios Newsletter*, **14**(03). 148.
2. Kumar, R., Jyothi, V. and **Vivek Kumar Singhal** (2014). Sorption and availability of Arsenic (As) as influenced by organic matter and soil moisture residue. *Agrobios Newsletter*, **13**(07).51-52..
3. **Vivek Kumar Singhal**, Kesharwani, A., Kumar, R. and Prasad, R. (2015). Water saving technique in sugarcane. *Agrobios Newsletter*, **14**(01). 37-38.
4. Prasad, R., **Vivek Kumar Singhal**, Kesharwani, A., and Kumar, R. (2015). Feasibility of use of poor quality water in Agriculture. *Agrobios Newsletter*, **13**(10). 34-35.
5. **Vivek Kumar Singhal**, Kesharwani, A., Kumar, R. and Prasad, R. (2015). Enhancing nutrient use efficiency by utilizing drip fertigation technique. *Agrobios Newsletter*, **13**(12). 60-61.

### Book(s):

1. **Vivek Kumar Singhal**, Payal Jaisawal, Girija Shanker and Gejendra Singh (2017). *Agriculture-MCQ'S*. Blue Rose Publishers, New Delhi, India.

### Abstracts:

1. **Vivek Kumar Singhal**, Kumar, U., Singh, G., Kumar, T. and Kumar, H. (2015). Study the Efficacy of foliar application of water soluble fertilizers in okra under South Gujarat conditions. National Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences (GRISASS-2015), December 12-13, 2015.
2. Kumar, U., **Vivek Kumar Singhal**, Kumar, H. Kumar, T. and Singh, G. (2015). Effect of Humic acid and salicylic acid on nutrient content, quality, yield attributes, and yield of tomato

(*Lycopersicum esculentum* Mill.) National Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences (GRISASS-2015), December 12-13, 2015.

3. **Vivek Kumar Singhal**, Singh, G., Kesharwani, A., Kumar, U. and Sukdeve, E. (2016). Role and importance of quality teaching in higher education. Rasthriya Karyashala 'Uchcha Siksha': Sankalpana and bhawi swaroop' January 20-21, 2016.
4. **Vivek Kumar Singhal**, Singh, G., Kesharwani, A., and Kumar, U. (2016). Educational- Expansion and disparities . Rasthriya Karyashala 'Uchcha Siksha': Sankalpana and bhawi swaroop' January 20-21, 2016.
5. Singh, G., Sao, Y., **Vivek Kumar Singhal**, and Kumar, U. (2016). Role of global collaboration in higher education system. Rasthriya Karyashala 'Uchcha Siksha': Sankalpana and bhawi swaroop' January 20-21, 2016.
6. Kumar, U., **Vivek Kumar Singhal**, Kumar, H. and Kumar, T. (2016). Quality assurance in higher education. Rasthriya Karyashala 'Uchcha Siksha': Sankalpana and bhawi swaroop' January 20-21, 2016.

I certify that the above information is correct and complete to the best of my knowledge and belief and nothing has been concealed / distorted.

**(VIVEK KUMAR SINGHAL)**