

## CURRICULUM VITAE OF AJIN S ANIL

**Name:** Ajin S Anil  
**Present Position:** Scientist (OPCW)  
**Date of admission:** 16-02-2022  
**Nationality:** Indian  
**Date of Birth:** 01-05-1994  
**Marital status:** Unmarried  
**Language and proficiency:** English, Hindi, Tamil, Marathi and Malayalam  
**Present Institute:** Institute of Pesticide Formulation Technology (IPFT), Gurgaon  
**Mailing Address:** Room 3, 22/13, V block, Sector 24, Gurugram, 122002  
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### 1. Academic Qualifications:

Exam/Degree/ Diploma	Division/ Class/ Grade	% of marks/ O.G.P.A.	Year of passing	Subject (s) with Major field of specialization	Board/University
Matriculation	First Division	88.0%	2009	Hindi, English, Science, IT	Kerala state board
HS/10+2	First Division	91.5%	2011	Science	Kerala state board
Bechelor's Degree	First Division	8.54	2016	Agriculture Science	Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth , Dapoli
Master's Degree	First Division	8.48	2018	Soil Science & AgriculturalCh emistry	Indian Agricultural Research Institute, New Delhi
Doctor of Philosophy	First Division	8.50	2018 onwards	Soil Science & Agricultural Chemistry	Indian Agricultural Research Institute, New Delhi

### 2. Details of Specialization and Experience

#### Thesis Title in M.Sc.

- ❖ Interactive effect of calcium and boron on the availability of boron in acid soils  
(Formulated new fertilizer recommendation (Ca and B) for acid soil regions)

### Thesis Title in Ph. D

- ❖ Impact of long-term conservation agriculture practices on soil carbon and phosphorus dynamics under maize based cropping systems in an Inceptisol.  
(Study on conservation agriculture, Nutrient dynamics and Soil quality)

### 3. Additional training in India and/or abroad not included in the educational career

- i) Volunteered in Junior Red Cross (JRC) and National service scheme (NSS)
- ii) Participated in 'Rural Agricultural Work Experience' programme arranged by College of Agriculture, D. B. S. K. K. V. Dapoli, Maharashtra
- iii) Participated training programme on metal and metalloid in water-soil-plant-human continuum (DST-SERB sponsored)
- iv) General requirement for the competence of testing and calibrating laboratories as per ISO/IEC 17025:2017

### 4. Medals/Fellowship/Scholarship/Other achievement

Name of the Medals/ fellowships/ Other achievement	Year in which received	Name of the organization	Details
ICAR-NTA Scholarship	2012	ICAR	All India Rank-2374 in all India entrance exam (ICAR-2012)
ICAR-Junior Research Fellowship	2016	ICAR	All India Rank-7 in Physical Science subject group (ICAR-2016)
ICAR-IARI PhD Scholarship	2018	ICAR-IARI	All India Rank-4 in Soil Science and Agricultural Chemistry subject
Innovative article Award	2019	Agriculture & Food e-Newsletter	Article titled 'Spatial variability mapping: a step towards precision farming'
ICAR-NET(II)-Soil Science	2018	ICAR	Qualified with 71.02%.
UGC-NET-Environmental science	2017	UGC	44290/(OBC)(NET-NOV 2017)
Best poster award	2018	GKV Society	Poster titled 'calcium and boron on the release pattern of boron in acid soils'
Best poster award	2019	GAAFES International	Theme- Innovative in agriculture

		Conference	
<b>Best seminar presenter</b>	2018, 2019	ICAR-IARI, New Delhi	Ms. C and Ph. D Seminar
<b>Best poster award</b>	2021	Soil Conservation Society of India	2 <sup>nd</sup> Asian Web Conference
<b>Best paper award</b>	2021	ANRCM, Lucknow	National Web Seminar on Natural Resource Conservation and Management

#### 5. Member of society:

- i) Indian Society of Soil science
- ii) Editor cum reviewer in Agriculture & Food e-Newsletter

#### 6. Publications

**Research/Review papers/book chapter published/accepted in journal (NAAS/Impact factor)**

S. No	Author/Authors	Year	Title of paper	Journal	NAAS Journal Code & rating if any
1	Ajin S Anil, V.K. Sharma, Raimundo Jiménez-Ballesta, Chittar M. Parihar Mandira Barman, S. P. Datta, and Kapil A. Chobhe	2022	Impact of Long-Term Conservation Agriculture Practices on Phosphorus Dynamics under Maize-Based Cropping Systems in a Sub-Tropical Soil	Land	<b>9.4</b>
2	Ajin S Anil, V.K. Sharma, Mandira Barman, S. P. Datta, K. K. Bandyopadhyay and Kapil A. Chobhe	2019	Effect of applied calcium and boron on biomass yield, nutrient uptake by tomato and selected properties of post-harvest soil	Indian Journal of Agricultural Sciences	<b>6.21</b>
3	Patra, Abhik, Vinod Kumar Sharma, DhruvaJyotiNath, Avijit Ghosh, TapanJyotiPurakayasth	2021	Impact of Soil Acidity Influenced by Long-term Integrated Use of Enriched Compost, Biofertilizers, and	Journal of Soil Science and Plant Nutrition	<b>8.16</b>

	a, Mandira Barman, Sarvendra Kumar, Kapil AtmaramChobhe, <b>Ajin S. Anil</b> , and Ravindra Kumar Rekwar		Fertilizer on Soil Microbial Activity and Biomass in Rice Under Acidic Soil		
4	Abhik Patra, Vinod Kumar Sharma, TapanJyotiPurakayastha, Mandira Barman, Sarvendra Kumar, Kapil AtmaramChobhe, Debashis Chakraborty, DhrubaJyotiNath, <b>Ajin S Anil</b>	2020	Impact of long term integrated nutrientmanagement (INM) practice on aluminium dynamics and nutritional quality of rice under acidic Inceptisol	Archives of Agronomy and Soil Science	<b>8.14</b>
5	Om Prakash Meena, Rakesh Sammauria, Ashok Kumar Gupta, Kailash Chandra Gupta, Biswaranjan Behera, Rani Saxena, Malu Ram Yadav, Pratibha Singh, Ravi Kumar Meena, Md Basit Raza, <b>Ajin S. Anil</b> and Milan Kumar Lal	2022	Energy Carbon Footprint vis-à-vis System Productivity and Profitability of Diversified Crop Rotations in Semi arid Plains of North West India	Journal of Soil Science and Plant Nutrition	<b>8.01</b>
6	Abhik Patra, Vinod Kumar Sharma, TapanJyotiPurakayastha, Mandira Barman, Sarvendra Kumar, Kapil AtmaramChobhe, Debashis Chakraborty, DhrubaJyotiNath, <b>Ajin S Anil</b>	2020	Effect of long-term integrated nutrient management (INM) practices on soil nutrients availability and enzymatic activity under acidic Inceptisol of North- Eastern region of India	Communications in Soil Science and Plant Analysis	<b>6.77</b>
7	Kumawat, Chiranjeev, V. K. Sharma, Mandira Barman, M. C. Meena, B. S. Dwivedi, Sarvendra Kumar, D. Chakraborty, <b>Ajin S. Anil</b> , and Abhik Patra	2021	Phosphorus Forms under Crop Residue Retention and Phosphorus Fertilization in Maize–Wheat Rotation	Communications in Soil Science and Plant Analysis	<b>6.77</b>

8	JyotirmayaSahoo, Dinesh, Mohammad Amin Bhat, <b>Ajin S Anil</b> and Anurag	2019	Characterization and classification of soils of selected watershed area of Haryana, North-west India	Indian Journal ofAgriculturalSci ences	<b>6.21</b>
9	JyotirmayaSahoo, Dinesh, Mohammad Amin Bhatt, <b>Ajin S Anil</b> , Md. Basit Raza	2019	Vertical distribution of nutrients and their relationship with soil properties	Indian Journal of Agricultural Sciences	<b>6.21</b>
10	Abhik Patra, VK Sharma, DJ Nath, TJ Purakayastha, Mandira Barman, Sarvendra Kumar, Kapil A Chobhe, <b>Ajin S Anil</b> , R Chakraborty	2020	Influence of long term INM practices on the distribution of aluminium fractions in Acidic Inceptisol of North Eastern Himalaya Range and their relationship with NPK content in rice ( <i>Oryza sativa</i> ).	Indian Journal ofAgriculturalSci ences	<b>6.21</b>
11	Chakraborty, Ranabir, VK Sharma, Dr Biswas D Das, P. Mahapatra, DK Shahi, Mandira Barman, Kapil A. Chobhe, And <b>Ajin S. Anil</b>	2021	Fertility status in wheat ( <i>Triticum aestivum</i> ) under long-term nutrient management practices in an Alfisol	Indian Journal of Agricultural Sciences	<b>6.21</b>
12	VK Sharma, MC Meena, BS Dwivedi, Sarvendra Kumar, Kapil A Chobhe, AbirDey, <b>Ajin S Anil</b> , KT Mohankumar	2021	Wheat ( <i>Triticum spp</i> ) roots influenced by crop residue and phosphorus under maize ( <i>Zea mays</i> )- wheat system	Indian Journal of Agricultural Sciences	<b>6.21</b>
13	S. Aruna, M. Rafeekher, Pooja P. Gowda, <b>Ajin S. Anil</b> , V. Anjaly	2021	Double Haploids for Vegetable Crop Improvement	Agricultural Reviews	<b>4.63</b>

14	AtulBhagawanPawar, ChiranjeevKumawat, Anil Kumar Verma, Ravi  Kumar Meena,Md. Basit Raza, <b>Ajin S. Anil</b> and V.K. Trivedi	2017	Threshold Limits of Soil in Relation to Various Soil Functions and Crop Productivity	International Journal of Current Microbiology and Applied Sciences	#
15	Raj, Kiran Karthik, R. N. Pandey, Bhupinder Singh, D. K. Sharma, S. K. Lal, and <b>Ajin S. Anil</b>	2021	Adaptive strategies to minimise iron limiting stress under climate change scenario: A study pertinent to iron stress response of two soybean (Glycine max (L.) Merr.) Genotypes.	International Journal of Chemical Studies	#

#### 7. Popular article/abstract

S.No.	Date	Title	Name of Magazine
1.	2019	<b>Ajin S Anil</b> , VK Sharma, Mandira Barman, SP Datta and Kapil A Chobhe“Interactive effect of applied calcium and boron on biomass yield and boron uptake by tomato in an acid soil (Alfisol)”	ICAR- NEWS
2.	2019	<b>Ajin S Anil</b> , Md. Basit Raza, KingshukModak- “Spatial variability mapping: a step towards precision farming” (Vol.1, Issue-8, 44)	<i>Agriculture &amp; Food: e- Newsletter</i>
3.	2019	Md. Basit Raza and <b>Ajin S Anil</b> - “Technological advances in fertilizer nitrogen management for enhancing its use efficiency”(Vol.1, Issue-8, 137)	<i>Agriculture &amp; Food: e- Newsletter</i>
4.	2019	<b>Ajin S Anil</b> , Md. Basit Raza-Counterbalance of CO <sub>2</sub> emission and mitigating climate change by afforestation. (Vol.1, Issue-9, 160)	<i>Agriculture &amp; Food: e- Newsletter</i>
5.	2019	JyotirmayaSahoo ,Md. Basit Raza ,Ajin S Anil ,KingshukModak-Soil-plant-water system under submergence. . (Vol.1, Issue-10, 45)	<i>Agriculture &amp; Food: e- Newsletter</i>
6.	2019	JyotirmayaSahoo ,Md. Basit Raza ,Ajin S Anil ,KingshukModak-Nitrogen management practices for improving use efficiency of nitrogen. (Vol.1, Issue-10, 82)	<i>Agriculture &amp; Food: e- Newsletter</i>

7.	2019	Md. Basit Raza, JyotirmayaSahoo, Ajin S Anil- Impact of precision agriculture on soil quality. (Vol.1, Issue-10, 447)	<i>Agriculture &amp; Food: e- Newsletter</i>
8.	2019	Md. Basit Raza, <b>Ajin S Anil</b> &JyotirmayaSahoo- “Water And Phosphorus Interactions In Cereal Based Cropping Systems”	Agrobios: Newsletter
9.	2019	जैविकखेतीएवंउसकेप्रभाव, रविन्द्रकुमाररेकवार, <b>अजिनएसअनिल</b> एवंअभिकपात्रा,	PrasarDoot (ICAR-IARI), Hindi article
10.	2020	Aruna S, <b>Ajin S Anil</b> - Onion-Worth the Tears!	Agriculture & Food: e- Newsletter

### 8. Book chapter

S.No.	Date	Title	Name of Magazine
1.	2021	Ecological aspects of the soil-water plant-atmosphere system (Ravindra Kumar Rekwara, AbhikPatrab, Hanuman Singh Jatavc, Satish Kumar Singhb, Kiran Kumar Mohapatrad, Arnab Kundue, AsikDuttaf, AnkitaTrivedia, LaimayumDevarishiSharmag, MohsinaAnjumh, <b>Ajin S. Anil</b> , and Sanjib Kumar Sahoo)	Elsevier
2.	2021	Iron in the soil-plant-human continuum (Abhik Patra1, Vinod Kumar Sharma2, Hanuman Singh Jatav1,3, Asik Dutta4, Ravindra Kumar Rekwara2, Arghya Chattopadhyay1, Ankita Trivedi2, Kiran Kumar Mohapatra5 and <b>Ajin S. Anil</b> )	Elsevier

### 9. Details of Symposium/Conferences/Congress/Workshops attended in India

S.No.	Name of Event	Date	Organized by
1.	Participation and poster presentation in “Indian Agriculture Congress- New Delhi”	2018	ICAR
2.	Poster presentation in national conference on ‘Effect of applied calcium and boron on the release pattern of boron in acid soils’	2018	GKV Society Agra
3.	Work shop on remote sensing	2019	Agriculture physics division ICAR-IARI New Delhi
4.	Participant in ISSS Zonal Award Contest (North Zone)	2019	Indian Society of Soil Science

**Declaration:** *I hereby declare that all the information furnished above is true to the best of my knowledge & belief; all documentary evidences will support them as and when required.*

Date: 25/11/2022

Place: New Delhi (Ajin S Anil)