

# Dr. Monalisa Sahoo

Assistant Professor (Agronomy)

✉ monalisaniki09@gmail.com

☎ 9861092993



## PERSONAL DETAILS

Date of Birth : 20 September 1993

Gender : Female

Blood Group : O+ve

Nationality : Indian

Language known : English, Hindi, Odia

Category : OBC

Address : D/o- Sukant Kumar Sahoo

Plot no- 342/3001, Barabari, Jagamara, Near Khumeisuni temple, Bhubaneswar, Odisha-751030

## Employment History (Experience of more than 2 years)

- Currently working as an Assistant Professor, Department of Agronomy, Institute of Agriculture and Natural sciences, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, UP (April 2023 till date) (Govt. of Uttar Pradesh)
- Worked as an Assistant Professor, Department of Agronomy, MSSSoA, Centurion University of Technology and Management, Paralakhemundi, Odisha from 19th July 2021 to 21 April 2023.

## Education

- 2022- Ph.D.(Agronomy), Institute of Agricultural Sciences, BHU, Varanasi
- 2017- M.Sc. (Agriculture) specialization in Agronomy, MPKV, Rahuri, Maharashtra
- 2015- B.Sc. (Agriculture), OUAT

## Other academic accomplishments

- Non JRF- National Talent Scholarship awarded by ICAR
- Qualified ICAR-NET (Agronomy)
- Non JRF- UGC NET Scholarship
- No. of Students supervised- 5 (awarded with master's degree)

## Workshops and trainings

1 Seminar	3
2 Trainings	5
3 Workshop	1
4 Symposium	1

## Patent and publications

1 Patent	1
2 Research paper	7 (one with impact factor of 3.95)
3 Review paper	3
4 Book Chapter	3

# CURRICULUM VITAE

## Dr. Monalisa Sahoo

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**Nationality** : Indian  
**Language known** : English, Hindi, Odia  
**Category** : OBC  
**Contact No.** : +91-9861092993  
**e-mail** : monalisaniki09@gmail.com  
**Hobbies** : Cooking, sketching, travelling, food photography  
**Address** : Dr. Monalisa Sahoo  
D/o- Sukant Kumar Sahoo  
Plot no- 342/3001, Barabari, Jagamara, Near Khumeisuni temple,  
Khandagiri, Bhubaneswar, Odisha-751030



### CAREER OBJECTIVE:

To build experience and utilise my knowledge and skills, to increase the productivity of the organization as well as individual growth.

**QUALITIES:** Leadership quality, active participation in group activities, cooperative, hardworking, good management skills, can efficiently handle pressure, lively personality and friendly with colleagues.

### ACADEMIC DETAILS:

Examination passed	Board/ University	Year of passing	Percentage / OGPA	Division	Subjects Studied
HSC (10 <sup>th</sup> )	<b>C.B.S.E.</b> (D.A.V. Public School, Chandrasekharapur, Bhubaneswar)	2008	86.20%	1st	English, Odia, Science, Mathematics, Social Studies
+2 SCIENCE	<b>CHSE, Odisha</b> (Ramadevi Junior womens' College, Bhubaneswar)	2010	68.17%	1st	English, Alt. English, Physics, Chemistry, Mathematics, Biology
GRADUATION B.Sc. Agriculture	<b>OUAT</b> (College Of Agriculture, Chiplima)	2015	8.54 OGPA (10 point scale)	1 <sup>st</sup> with honours	Agriculture and allied sciences
M.Sc. (Agriculture specialisation in Agronomy)	<b>M.P.K.V., RAHURI</b> (College of Agriculture, Dhule, Maharastra)	2017	8.47 OGPA (10 point scale)	1 <sup>st</sup> with honours	Agronomy, Soil Science and Statistics
Ph.D. (Agronomy)	<b>Banaras Hindu University</b> (Department of Agronomy, Institute of Agricultural Sciences, Varanasi)	2022	-	-	Agronomy, Soil Science and Plant Physiology

**Title of thesis submitted for M.Sc. (Ag) Degree:**

“Effect of spacing and seedling age on growth and yield of transplanted pigeon pea”

**Title of thesis that will be submitted for Ph. D. (Agronomy) Degree:**

“Effect of irrigation schedule and bio-inoculant enriched municipal solid waste compost on *kharif* rice (*Oryza sativa* L.) and its residual effect on maize”

**WORK & EXPERIENCES:**

- **JOB EXPERIENCE- Currently working as an Assistant Professor, Department of Agronomy, Institute of Agriculture and Natural sciences, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, UP (26<sup>th</sup> April 2023 till date) (Govt. of Uttar Pradesh)**
- **Worked as an Assistant Professor, Department of Agronomy, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha from 19<sup>th</sup> July 2021 to 21<sup>st</sup> April 2023.**
- Completed a training on “**3-Days Hands-on Training on Research Data Analysis using “R” Programming**” held from 24<sup>th</sup> Feb to 26<sup>th</sup> Feb 2023 at MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha.
- Completed the training programme on “**Integrated Water Resource Management**” from 31<sup>st</sup> Aug to 2<sup>nd</sup> Sep 2021 organised by **Rajiv Gandhi National Ground Water Training & Research Institute, Naya Raipur**, Central Ground Water Board, Dept. of Water Resources, River Development & GR, Ministry of Jal Shakti, Govt. of India.
- Completed the training programme on **9<sup>th</sup> to 11<sup>th</sup> Jan 2020** under the scheme (**Dev. No. 5030**) of **Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, MHRD, GOI** organised by **Department of Agronomy, IAS, BHU, Varanasi**.
- Completed the training on “**Remote Sensing and GIS software for Agriculture operation**” organised by **ECELL 2K18-19 (IIT Kharagpur Event)** held on 20<sup>th</sup> Jan 2019 and 21<sup>st</sup> Jan 2019 at **Institute of Agricultural Sciences, Banaras Hindu University, Varanasi**.
- Completed the training on “**Fruit and Vegetable preservation**” organised by Department of Horticulture and Food processing, BHU, Varanasi held on 22<sup>nd</sup> Oct 2018 to 5<sup>th</sup> Nov 2018.
- Completed a workshop on “**Use of statistical softwares in biological research**” conducted from **8<sup>th</sup> to 10<sup>th</sup> September 2018** organized by **Department of Zoology, Institute of Sciences, BHU, Varanasi**.
- Rural agricultural work experience (RAWE) for 6 months at **Basantpur, Sambalpur, Odisha**
- Training under Experiential Learning Programme (ELP) for **Mushroom cultivation**.

Sl no.	Particulars	Number attended	Duration in days
1	Job	2	More than 2 years
2	Seminar	3	6
3	Trainings	5	23
4	Workshop	1	3
5	Symposium	1	2

## Participation in Seminar and symposiums:

- Participated in International Symposium on “Environmental, Educational and Biological research for human welfare” held on **25<sup>th</sup> and 26<sup>th</sup> Mar 2018** organised by **SEDER** in association with **Department of Agronomy, IAS, BHU, Varanasi and Department of Biotechnology, Dr. Ghanshyam Singh P.G. College, Varanasi.**
- Participated and presented a poster in National Seminar on ‘**Soil and Civilization**’ on the occasion of the **World Soil Day** held on **5<sup>th</sup> December 2018** organised by **Department of Soil science and Agricultural Chemistry, IAS, BHU, Varanasi.**
- Participated and presented a poster in the **9<sup>th</sup> National Seed Congress** held on **19<sup>th</sup> to 21<sup>st</sup> Feb, 2019** organized by **National Seed Research and Training Centre, MOA & FW, GOI and Department of Genetics and plant breeding, IAS, BHU, Varanasi.**

## PATENTS:

- **Title of the invention: IOT based smart agriculture monitoring system for sustainable produce and green climate (has been accepted and published)**

## PUBLICATIONS:

- Research paper titled “Rice (*Oryza sativa* L.)–Baby Corn (*Zea mays* L.) cropping system response to different summer green manuring and nutrient management” published in **Agronomy (MDPI)** with an **impact factor of 3.949** (4<sup>th</sup> author)
- Book Chapter on “Soil Bioremediation Approaches Based on the Use of Fungal Enzymes” published in Springer (2<sup>nd</sup> author).
- Review article on “Conservation Agriculture: a Tool for Agricultural Sustainability and Climate Change Adaptation– A Review” published in **IJONS** (Indian Journal of Natural Sciences) (2<sup>nd</sup> author).
- Review article on “Resource Conservation Technologies for Sustainable Production of Pulse Crop - A Review” published in **IJONS** (Indian Journal of Natural Sciences) (3<sup>rd</sup> author)
- Book chapter on “Bioremediation of Soil: An Overview” in **Elsevier Publication** (3<sup>rd</sup> author)
- Research paper titled “Study of Growth Indices and Chlorophyll content in *kharif* Rice as Influenced by Irrigation Scheduling and Bio-inoculants Enriched Municipal Solid Waste Compost” published in **Biological Forum** with **NAAS rating of 5.1** (1<sup>st</sup> author)
- Research paper titled “Growth Comparison between Three *Brassica species* in Response to Nutrient Management and Iron Sulphide Nanoparticles” published in **Biological Forum** with **NAAS rating of 5.1** (4<sup>th</sup> author)
- Book chapter on “Liquid Biofertilizer-an Innovative Tool for Sustainable Agriculture” published in **IJONS** (Indian Journal of Natural Sciences) (3<sup>rd</sup> author).
- Research paper titled “Response of summer green manuring and nutrient management on log phase of growth in unpuddled transplanted hybrid rice (*Oryza sativa* l.)” published in **Biological Forum – An International Journal** with **NAAS rating 5.1** (3<sup>rd</sup> author)
- Research paper titled “Effect of planting dates on dry weight, flowering and yield of different rice varieties” published in **Journal of Pharmacognosy and Phytochemistry** with **NAAS rating 4.46** (5<sup>th</sup> author)

- Research paper titled “Effect of spacing and seedling age on growth and yield of transplanted pigeon pea” published in **Bulletin of Environment, Pharmacology and Life Sciences** with **NAAS rating 4.95 (1<sup>st</sup> author)**
- Research paper titled “A Parametric Study of Compost Preparation from Fruit Waste” published in **IJRAR (International Journal of Research and Analytical Reviews)**
- Popular article on “Salt stress: a hazard to crop production” published in **Biomolecule Reports (3<sup>rd</sup> author)**

### **NUMBER OF STUDENTS SUPERVISED:**

- Number of students supervised- **5 (awarded with master’s degree)**  
**4 (currently pursuing master’s degree)**

### **ACHIEVEMENTS AND AWARDS:**

- **Non JRF- National Talent Scholarship** awardee by the Indian Council of Agricultural Research from 2015-2017.
- **Qualified ICAR-NET** conducted on **16<sup>th</sup> May 2017** in the Discipline of **Agronomy** under **Un-Reserved** category by securing **66.67%**
- **Non JRF- UGC NET Scholarship (Rs 8000/- per month)** awardee by Department of Agronomy, IAS, BHU, Varanasi from Oct 2017 to June 2021.

### **COMPUTER SKILLS:**

- High proficiency in MS Office and web accessibility

### **DECLARATION:**

I hereby declare that all the above details furnished by me in the CV are true, complete and correct to the best of my knowledge and belief.



(Monalisa Sahoo)