

# NADERLA UMAMAHESWAR

+91 7995348421 | geneticsuma@gmail.com |

[www.linkedin.com/in/uma-maheswar-13377a289](https://www.linkedin.com/in/uma-maheswar-13377a289)



## OBJECTIVE

**Result-oriented and dedicated professional** with expertise in crop improvement and production, seeking opportunities to leverage my skills and experience to achieve significant organizational goals.



## EDUCATION

Course	Subject	College/ University	Board	Year	Percentage
Ph.D. Agriculture	Genetics and Plant Breeding	Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal -736 165	Uttar Banga Krishi Viswavidyalaya	2025	86.50
M.Sc. Agriculture	Genetics and Plant Breeding	Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal -736 165	Uttar Banga Krishi Viswavidyalaya	2018	78.60
B.Sc.	Agriculture	Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal, Puducherry - 609 603	Tamil Nadu Agricultural University	2016	79.20
Higher Sec. School	Biological Science (Bi.P.C)	SGM & Sri Chaitanya Jr. College, S.P.S. Nellore, Andhra Pradesh - 524 004	Board of Intermediate Education	2010	84.80
***QUALIFIED ICAR-ASRB NET- 2021 (53.56 %)***					



## WORK EXPERIENCE

- 1. Internship as Production Trainee - Corn - Advanta Seeds, Giddalur, A.P. (14/10/2024-01/12/2024)**
  - To handle the staggering and detasseling operations to produce F1 hybrids from 2500 acres of parental corn lines.
- 2. Breeder (Scientist- Paddy)- KisanKraft Ltd., Bengaluru, Karnataka (05/05/25 - Present)**
  - Maintenance and generation advancement of F1 and subsequent generations at in-station and out-locations, making crossing programmes, line development programme, Implementation of timely and systemic agronomic practices etc.



## ACADEMIC PROJECTS/ THESIS

1. Ph.D.- Selection of Suitable Parents for Grain Quality, Leaf Blight Resistance and Semi-dwarfness in Rice (*Oryza sativa* L.).
2. M.Sc.- Screening of Greengram (*Vigna radiata* L. Wilczek) Genotypes for Biotic and Abiotic Stress Factors.
3. B.Sc.- Characterization of RIL's population mapping in Rice (*Oryza Sativa* L.) under project work.
4. B.Sc.- Commercial cocoon production of silkworm (*Bombyx mori* L.) under experiential learning-II course.
4. B.Sc.- Micropropagation of papaya (*Carica papaya* L.) under experiential learning-I course.



## TRAINING PROGRAMMES AND WORK SHOPS

1. Participated in the three days 'Workshop cum Training' entitled on '**Diagnosis and Detection of Plant Diseases**' held on during 9<sup>th</sup> -11<sup>th</sup> October of 2023 conducted by **Niche Area of Excellency Programme** funded by Education Division, ICAR at Uttar Banga Krishi Viswavidyalaya, Coochbehar, West Bengal and India.

2. Participated in the two days 'Workshop cum Training' entitled on 'Intellectual Property Rights in Agriculture' held on during 18th and 19th December of 2022 conducted by Niche Area of Excellency Programme funded by Education Division, ICAR at Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal and India.
3. Participated in Training programme on '**Molecular Techniques for M.Sc. & Ph.D. Students**' held on 18<sup>th</sup> and 19<sup>th</sup> March of 2021 conducted by **Niche Area of Excellency Programme** funded by Education Division, ICAR at Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal and India.
4. Participated and successfully completed the two-day 'Sensitization workshop on Experiential learning, Entrepreneurship and Needs of Agro-Industry' organized by the Uttar Banga Krishi Viswavidyalaya in association with ICAR-NAARM and The Bengal chamber of commerce and Industry (BCCI) during 28<sup>th</sup> February – 01<sup>st</sup> March 2017.
5. Participated in 'Food security and Climate change in India', organized by Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal in December 5<sup>th</sup> of 2016.
6. Participated in the 'Seminar on Career skills', conducted at Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal in 18<sup>th</sup> and 20<sup>th</sup> April of 2016.



## NATIONAL AND INTERNATIONAL CONFERENCES

- Participated and presented poster presentation on in the '**National Seminar on Climate Resilient and Input efficient Agriculture for Food and Nutritional Security**' on April 19-20, 2023 conducted at Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal and India.
- Participated and presented e-poster presentation on in the '**2<sup>nd</sup> International Conference on Food, Health and Agricultural Innovations-2020**' on March 5<sup>th</sup> to 8<sup>th</sup>, 2020 conducted by Green Agri Professional Society at Dubai, UAE.



## RESEARCH PUBLICATIONS

1. **Umamaheswar N**, Roy SK, Kundu A, Hijam L, Chakraborty M, Sen S, Das B, Barman R and Vishnupriya S (2024) Genetic Variability and Character Association Studies in Diverse Rice (*Oryza sativa* L.) Genotypes for Agro-Morphological Traits in Terai Region of West Bengal. *Journal of Advances in Biology & Biotechnology* 27(5): 805-820.
2. **Umamaheswar N**, Kundu A, Roy SK, Mandal R, Sen S, Hijam L, Chakraborty M, Das B, Barman R, Vishnupriya S, Thapa B, Maying B and Rout S (2024) Multivariate Studies on Diverse Rice (*Oryza Sativa* L.) Genotypes for Agro-Morphological Characters Under Terai Region of West Bengal. *Madras Agricultural Journal* 111 (7-9): 38-51.
3. Rout S, Das A, Sur B, **Umamaheswar N**, Sadhu S, Ghimiray TS, Mondal HA, Hijam L, Chakraborty M and Roy SK (2019) Genetic divergence in Indian mustard [*Brassica juncea* (L.) Czern and Coss] under sub-Himalayan region. *Journal of Crop and Weed* 15(2):18-24.
4. Rout S, Roy SK, Mandal R, Singla S, Rahimi M, Sur B, **Umamaheswar N**, Chakraborty M, Hijam L, Nath S and Debnath MK (2025) Genetic analysis and heterosis breeding of seed yield and yieldattributing traits in Indian mustard (*Brassica juncea* (L.) Czern & Coss.). *Scientific Reports* 15(1): 1-7.
5. Sarkar A, Roy SK, Vishnupriya S, Chakraborty M, Hijam L, **Umamaheswar N**, Basak A, Rout S, Bharti S and Das S (2023) Comparison of variability in early segregating generations of Indian Mustard [*Brassica juncea* (L.) Czern & Coss.] crosses. *Electronic Journal of Plant Breeding* 14(1):177-88.
6. Roy SK, Thapa B, Vishnupriya S, Pavithra S, Sur B, **Umamaheswar N**, Maying B, Nath S, Sarkar A, Hijam L, Chakraborty M, Mandal R, Surje TD and Rout S (2022) Assessment of Genetic Variability for Fibre Yield and its Attributing Traits in Kenaf (*Hibiscus cannabinus* L.) under Multilocational Trials. *Biological Forum – An International Journal* 14(2): 429-433.
7. Vishnupriya S, Roy SK, Sen S, Kundu A, Mitra B, Mukhopadhyay D and **Umamaheswar N** (2024) Genetic Variability Analysis for Yield and Its Attributing Traits in Rice (*Oryza Sativa* L.) under Phosphorus-sufficient and Deficient Field Conditions. *Asian Journal of Soil Science and Plant Nutrition* 10(2):44-55.
8. Sarkar A, Roy SK, Vishnupriya S, Chakraborty M, Hijam L, **Umamaheswar N**, Rout S, Bharti S, Thapa B and Das S (2024) Comparison of residual heterosis in F 2 and F 3 segregating generations of Indian Mustard [*Brassica juncea* (L.) Czern & Coss.] crosses. *Electronic Journal of Plant Breeding* 15(3): 546-55.



## SKILLS



**SOFT SKILLS:** Reviewer, Institutional, Adaptability, Team work approach, Strong work ethic, etc.



**HARD SKILLS:** Designing of layouts, Field operations, Experience in DNA molecular techniques, Microsoft office, Statistical analysis in softwares (RStudio, STAR & PBTools, TNSAT, OPSTAT, Agrianalyze, AGRES, GENRES, etc.)



## CERTIFICATIONS

- Completed online course titled '**Climate Change: The Science**' conducted by **UNIVERSITY OF EXETER** in FutureLearn. <https://www.futurelearn.com/certificates/e2ngc7u>.
- Completed online course titled '**AGRICULTURE, ECONOMICS AND NATURE**' conducted by **UNIVERSITY OF WESTERN AUSTRALIA** in FutureLearn. <https://www.futurelearn.com/certificates/075s0kq>.



## PERSONAL DETAILS

**Languages:** Telugu, Tamil, English, Hindi, Bengali and Kannada

**Marital status:** Unmarried

**Date of birth:** 15/03/1993

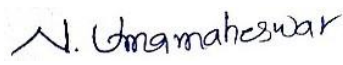


## REFERENCES

1. Prof. Arup Sarkar, Department of Genetics and Plant Breeding, Uttar Banga Krishi Viswavidyalaya Cooch Behar. Email: arup\_skr@reddifmail.com & Contact Number: +91 95317 82393.
2. Prof. S.K. Roy, Department of Genetics and Plant Breeding, Uttar Banga Krishi Viswavidyalaya Cooch Behar. Email: suvendukumarroy@gmail.com & Contact Number: +91 94348 72338.

**Declaration:** The above-furnished information is true and correct to the best of my knowledge and belief.

Place: KADAPA  
Date: 10/10/2025

  
( NADERLA UMAMAHESWAR)