



## UNIVERSITY OF CALCUTTA

### FACULTY ACADEMIC PROFILE/ CV

1. **Full name of the faculty member:** Dr. Anindya Kumar Hembram
2. **Designation:** Assistant Professor, Department of Seeds Science and Technology,  
Institute of Agricultural Science, University of Calcutta
3. **Specialization :** Seed Science and Technology
4. **Passport size photograph :**



5. **Contact information :**  
Department of Seed Science and Technology,  
Institute of Agricultural Science,  
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E-mail: [anindya.hembram@gmail.com](mailto:anindya.hembram@gmail.com)  
Phone (M): 7908831232/ 9073270887

6. **Academic qualifications:**

College/ university from which the degree was obtained	Abbreviation of the degree
Bidhan Chandra Krishi Viswavidyalaya	B. Sc. (Ag.) Hons.
Bidhan Chandra Krishi Viswavidyalaya	M. Sc. (Ag.) in Seed Science and Technology
Bidhan Chandra Krishi Viswavidyalaya	Ph. D. (Ag.) in Seed Science and Technology
A. S. R. B.	N. E. T.

7. **Positions held/ holding:**

- **Assistant Professor**, Department of Seed Science and Technology, IAS, C.U.
- **Head**, Department of Seed Science and Technology, IAS, C.U.
- **Member**, Syndicate & Senate, C.U.

8. **Research interests:**

- Quality seed production
- Seed developmental study
- Seed treatment/ enhancement
- Seed processing and storage
- Seed health management
- Varietal identification/ characterization

9. **Select list of publications:**

a) **Journals:**

- **Hembram, A. K.** and Basu, A. K. 2017. Pre-sowing bio-priming of radish seed: genotypic response. *The Bioscan*, 12(1): 649-652. (NAAS rating: 5.26)
- Moharana, R. L.; Basu, A. K.; Bardouli, S. K. and **Hembram, A. K.** 2017. Packaging materials for seed storage in Indian bean – Genotypic response. *Journal of Crop and Weed*, 13(2): 60-63. (NAAS rating: 5.28)
- **Hembram, A. K.**; Kuchi, V. S. and Basu, A. K. 2018. Varietal identification in French bean through banding pattern of seed storage protein and its change due to storage. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 1972-1975. (NAAS rating: 5.21)
- Das, A.; Sarkar, A.; Das, S. S. and **Hembram, A. K.** 2018. Assessment on genotypic variability and character association using *Rhizobium* cultures on growth and nodulation of cowpea (*Vigna unguiculata* L. Walp.). *International Journal of Chemical Studies*, 6(4): 243-248. (NAAS rating: 5.31)

b) **Publication in Seminar/ Symposium:**

- **Anindya Kumar Hembram**, A. K. Rai, A. Manna and A.K. Basu. ‘Bio-priming of Mustard Seed: Genotypic Response’ published in abstract book (pp. 81) of XIII ISST National Seed Seminar on ‘Innovations in Seed Research and Development’ held on June 8-10, 2013.
- **A. K. Hembram** and A. K. Basu. ‘Pre-sowing bio-priming of radish seed: genotypic response’ published in proceedings (pp. 155) of International Seminar on ‘Integrating Agriculture & Allied Research: Prioritizing Future Potentials for Secure Livelihoods (ISIAAR)’ held on November 6-9, 2014.
- **A. K. Hembram**, A. Mondal, P. Tarai and A. K. Basu. ‘Varietal Identification in French Bean through Banding Pattern of Seed Storage Protein and Its Change due to Storage’

published in abstract book (pp. 3) of International Symposium on ‘Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture’ held on November 5-7, 2015.

**10. Membership of Learned Societies:**

- Life Member, Crop and Weed Science Society (CWSS)
- Life Member, The Agricultural Society of India
- Life Member, Society of Bio-resource, Environment and Agricultural Research
- Life Member, Association For Plant Breeding and Improvement

**11. Other notable activities:**

**Participation/ Presentation in Conference/Seminar/Symposium/Workshop/OP**

- XIII ISST National Seed Seminar on ‘Innovations in Seed Research and Development’ held on June 8-10, 2013 at GKVK Campus, Bengaluru.
- International Conference on ‘Horticulture for Nutritional, Livelihood and Environmental Security in Hills: Opportunity and Challenges’ held on May 22-24, 2014 at Kalimpong, Darjeeling, West Bengal, India.
- National Conference on ‘Environmental Issues and Food Security in India: Let’s voice together towards a sustainable future’ held on August 10, 2014 at Institute of Jute Technology, University of Calcutta.
- International Seminar on ‘Integrating Agriculture & Allied Research: Prioritizing Future Potentials for Secure Livelihoods (ISIAAR)’ held on November 6-9, 2014 at Center for Human Resource Development, Kalyani, BCKV.
- International Symposium on ‘Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture’ held on November 5-7, 2015 at Sikkim University, Gangtok.
- National Symposium on ‘Recent Trends in Agriculture and Allied Sciences for Better Tomorrow (NSRTAS-2016)’ held on December 4, 2016 at Visva-Bharati, West Bengal, India.
- International Symposium on ‘Eco-Efficiency in Agriculture & Allied Research (EEAAR17)’ held on January 20-23, 2017 at Farmers’ Academy & Convention Centre (FACC), BCKV, Kalyani.
- 1<sup>st</sup> International Conference on “Bio-resource, Environment and Agricultural Sciences (ICBEAS)” held on February 4-6, 2017 at Visva-Bharati, West Bengal, India.
- National Symposium on ‘Agriculture and Food Production Today and Tomorrow’ held on February 22-24, 2017 at Institute of Agricultural Science, University of Calcutta.
- National Symposium on ‘Towards climate smart agriculture – a key to livelihood security’ held on December 9-11, 2017 at Institute of Agricultural Science, University of Calcutta.
- UGC-HRDC Orientation Programme (OP) held on November 18 – December 07, 2019.

### Participation in Online Training/Workshop/Webinar/FDP/RC/MOOC

<b>Date</b>	<b>Participation in Online Training/Workshop/Webinar/FDP/RC/ MOOC</b>
May 30, 2020	National Webinar on 'Learner Differences and Different Learning Needs'
June 2-3, 2020	International Webinar on 'COVID-19 & Its Preventive Measures'
June 9-15, 2020	National Level Online Faculty Development Programme entitled 'Paradigm Shift in Teaching-Learning Pedagogy & Scope of Research Methods in Post COVID Era'
June 23, 2020	International Webinar on 'Better Understanding of Pandemic COVID-19'
June 26-27, 2020	National Webinar on 'Ensuring Sustainable Development in Post-Pandemic Era: Challenges and Possibilities'
June 29-July 3, 2020	One Week Online Faculty Development Programme on LaTeX
July 7-20, 2020	Online UGC- HRDC Refresher Course on 'Research Methodology: Tools and Techniques'
July 21, 2020	Webinar on 'Misconduct in Teaching and Research'
July 21, 2020	State Level Webinar on 'Choosing Plants for Future Urban Population: Let's Think Smart'
July 22, 2020	National Webinar on 'Institutional Methodology of online Induction Programme and Issues related to it in recent Covid-19 situations in India'
July 25, 2020	National Webinar on 'Arising Challenges in Waste Management and Therapeutic Approaches in Current Scenario'
July 27, 2020	State Level Webinar on 'Oral traditions in the Eastern Himalayas'
July 29-30, 2020	National Webinar on 'Biotechnology for Crop Improvement'
August 1-3, 2020	National Webinar/Video Workshop on 'Transforming Pedagogy in India'
August 3-5, 2020	National Webinar on 'Sustaining Organic Farming During and Post COVID-19'
August 7, 2020	National Webinar on 'Innovative Approaches in Seed Quality Maintenance for Successful Entrepreneurship'
August 8, 2020	National Webinar on 'Reality to Virtuality: A Paradigm Shift in Education'
August 9, 2020	State Level Webinar on 'Promotional Scheme of College Teachers'
August 10-11, 2020	Online Workshop on 'Effective Science Communication'
August 12, 2020	State Level Webinar on 'CAS – Its Functions and Relevance in Higher Education'
August 13-14, 2020	Online Training Programme on 'Effective Utilization of New Age e-Resources Technologies in Agriculture'
August 16, 2020	International Webinar on 'Motivating Youths in COVID 19 Pandemic'
August 19-21, 2020	Webinar on 'Scope of Agricultural Entrepreneurship Development'
August 22, 2020	Webinar on 'Handling and Management of IP Portfolios with a focus on agricultural sciences'
August 23, 2020	Online Orientation Programme on 'NAAC and CAS'
August 24, 2020	Webinar on 'Guidelines for a Successful Ethical Review of Proposals'
August 24-28, 2020	National Webinar on 'Application of R Software for Data Analysis in Agriculture and Life Sciences'
August 25, 2020	National Webinar on 'Recent Advances in Soil Microbiological Research with a Special Thrust to Biofertilizer Technology'

<b>Date</b>	<b>Participation in Online Training/Workshop/Webinar/FDP/RC/ MOOC</b>
August 26 - Sept 16, 2020	MOOC on 'Information Handling Skill for Teaching, Learning & Research'
August 27, 2020	National Webinar on 'New Methodologies of Assessment and Accreditation by NAAC for the Affiliated Colleges'
August 27, 2020	State Level Webinar on 'Photography as a Successful Tool for Creating Awareness and Conservation of Nature'
August 28-29, 2020	International Webinar on 'Educational Challenges of Modern Era'
August 31, 2020	International Webinar on 'COVID-19 Pandemic and Co-infections: Challenges, Prospective Treatments and Societal Impact'
Sept 1, 2020	International Webinar on 'Search of Influences of Ergonomics in Prevailing Situation'
Sept 4-6, 2020	Webinar on 'Advance Production Technology and Postharvest Handling of Sub-Tropical Fruits (Mango, Litchi, Guava, Kinnow and Pomegranate)'
Sept 9, 2020	Online Lecture on 'Dairy Foods – Innovative Processing Technologies'
Sept 10, 2020	Webinar on 'Biotechnological Approaches for Crop Improvement'
Sept 16, 2020	Webinar on 'IPR Management in Universities'
Sept 17, 2020	Online Workshop on 'Agro-tourism through underutilized ethnic foods'



*Signature of the faculty member*  
*Date: 30/09/2020*