

Curriculum Vitae

Name: Dr. Arunava Sengupta

Designation: Assistant Professor, Stage-III(Agricultural Extension)

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EDUCATION:

- o PhD from Visva-Bharati on the topic “Impact Assessment of Divyayan Krishi Vigyan Kendra.”
- o Qualified ASRB NET-2010 in Agricultural Extension conducted by ASRB, Indian Council of Agricultural Research.
- o 1995-1997 Indira Gandhi National Open University, New Delhi. PGD Marketing Management.
- o 1990-1992 Bidhan Chandra Krishi Viswavidyalaya West Bengal MSc (Ag) First Class
Subjects taken: Agronomy, Agril. Communication, Agril. Statistics.
- o 1984-1989 Bidhan Chandra Krishi Viswavidyalaya West Bengal BSc (Ag) First Class,
Subjects taken: Agronomy, Agril Extension, Agril. Economics, Farm Management.

WORK EXPERIENCE:

i) **May 2007 till date** Ramakrishna Mission Vivekananda Educational and Research Institute, Faculty Center for Integrated Rural and Tribal Development and Management, Morabadi, Ranchi.

Designation: Assistant Professor(Stage-III) in Agricultural Extension.

ii) April **1994-** April **2007** Divyayan Krishi Vigyan Kendra (KVK), Ramakrishna Mission Ashrama, Morabadi, Ranchi

Research Work:

a) *Guided UG and PG students as part of project work and dissertation on “Production of *Trichoderma viride* and study of its effective growth and viability under various carrier material compositions.”, “Improvement of livelihood of resource poor farmers through backyard poultry.”, A study on various communication sources used by small and marginal farmers of Chanpi village in Jharkhand.”, “A study of villages involved in bamboo handicraft in Angara block of Ranchi district.”, “Study on small-farm*

vegetable marketing situations in some villages of Jharkhand”, School dropout and “Integrated Organic Farming Systems Model(s) for Small and Marginal Farmers of Jharkhand” among others.

b) Guided one Ph.D. Scholar on a research work on family farms of East Singhbhum, Jharkhand

E. Project Implementation:

1. Department of Bio-Technology, New Delhi on ‘Promotion of bio-fertilizers among SC\ST population of Ranchi district.’
2. Potash & Phosphate Institute of Canada (Gurgaon) project on ‘Soil Test based crop response.’
3. NATP Mission Mode project – ‘Promotion and Validation of IPM technologies in different agro- ecological regions on selected crops’
4. DFID project on ‘An IPM strategy for the control of Egg Plant Fruit and Shoot Borer’.
5. Impact of the assets created under Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) in selected districts of Jharkhand, supported by Commissioner, MGNREGA, Jharkhand.
6. Post Project Evaluation Study of *Sansad Adarsh Gram Yogana* (SAGY) In Identified Gram Panchayats of Jharkhand (Zone7).
7. Science, Technology and Innovation Hub for Creating Sustainable Livelihood Opportunities of Scheduled Tribes in Angara Block, Ranchi District, Jharkhand funded by Department of Science and Technology, New Delhi.
8. An Analytical Study of Tribal Students’ Dropouts and Transition Rates in Rural as well as Urban schools funded by Dr. Ramdayal Munda Tribal Research Institute, Ranchi.

F. Refresher Courses/Seminars/Workshop/ Orientation Programme:

1. Development and use of bio-fertilizers, Birsa Agricultural University, Ranchi.
2. Training Methodology and ELC, Krishi Vigyan Kendra, Nimpith, WB. ICAR Zonal Unit II, Kolkata.
3. Seminars and workshops on Front line demonstration, on-farm testing *etc.* at Rajendra Agricultural University, Birsa Agricultural University and Bidhan Chandra Krishi Viswavidyalaya.
4. Promotion & development of Self-Help Group, National Institute of Public Co- operation and Child Development, Lucknow, UP.
5. IPM in Horticultural Crops, Indian Institute of Horticultural Research, Bangalore.
6. Course on Information Technology, National Institute of Agricultural Extension, (MANAGE), Hyderabad.
7. Agricultural Projects – Planning and Appraisal. National Institute of Agricultural Extension, (MANAGE), Hyderabad.
8. Technology Assessment & refinement through Institution-Village Linkage Programme. ICAR Zonal Unit-II, Kolkata.
9. Course on Biological Control, Project Directorate of Biological Control, Bangalore.

10. National Level workshop on 'NATP Mission Mode project – Promotion and Validation of IPM technologies in different Agro-ecological regions on selected crops' organized by NCIPM. Pusa, New Delhi.
11. National Seminar on “Recent Advances in Integrated Management of Brinjal Shoot and Fruit Borer” held at Indian Institute of Vegetable Research, Varanasi.
12. National Seminar on “Integrated Rural Development and Management: Issues, Strategies and Policy Options” at Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata – 700103.
13. **Orientation Programme** of the UGC-Academic Staff College, Jadavpur University from 19.11.2011 to 17.012.2012.
14. Seventh National Extension Education Congress, 2014 “Translational Research-Extension for Sustainable Small Farm Development” 8-11th November, 2014 Society of Extension Education, Agra at ICAR Research Complex for NEH Region, Umiam, Meghalaya.
15. National Seminar on “Agriculture, Rural and Tribal Development: Facts and Facets” 14th May, 2016 Ramakrishna Mission Vivekananda University, School of Agriculture and Rural Development, Ranchi-834008.
16. National Seminar on “Research Methodology” 17th December, 2016 Ramakrishna Mission Vivekananda University, School of Agriculture and Rural Development, Ranchi-834008.
17. Participated in e-Extension (ag MOOCs) a six-week online course, December 2019.
18. Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching successfully completed a **2-Week Faculty Development Programme** on "RESEARCH METHODOLOGY" from October 01-October 15, 2020 and obtained a grade A+.
19. Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching successfully completed a **2-Week Interdisciplinary Refresher Course** on "ADVANCED RESEARCH METHODOLOGY" from February 25-March 9, 2024 and obtained a grade A+.

G. Academic Papers:

- a) Effectiveness of IPM module for Tomato in the farmer’s field of Ranchi District. *Journal of Research (BAU)*. 15(1):125-128, 2003.
- b) Implementation of Integrated Pest Management strategy for the control of Eggplant Shoot and Fruit Borer, National Seminar held at IIVR, 3-4th October, 2005.
- c) Implementation and Promotion of an IPM strategy for control of Eggplant Fruit and Shoot Borer in South Asia. *Technical Bulletin No.38 AVRDC – The World Vegetable Center, Taiwan*.
- d) Production of *Trichoderma viride* and study of its effective growth and viability under various carrier material compositions. *Journal of Interacademia* 12 (3): 301-307, 2008, ISSN0971-9016.

- e) Integrated Organic Farming Systems Model(s) for small and Marginal Farmers of Jharkhand. *Environment and Ecology* 28 (3A): 1815 to 1816, 2010, 0970-0420.
- f) Health Promotion Programmes for the safe use of pesticides among Ranchi farmers of Jharkhand state. *Journal of Interacademecia* 14 (1): 90-93, 2010, ISSN0971-9016.
- g) Improvement of livelihood through Front – Line Demonstrations (FLDs) on Paddy (Variety *Abhishek*). *Journal of Interacademecia* 14 (4): 544-548, 2010 ISSN0971-9016.
- i) Divyayan Krishi Vigyan Kendra: an impact study. *National Seminar on “Integrated Rural Development and Management: Issues, Strategies and Policy Options”* at Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata – 700103, 17-18 December, 2010.
- i) A study on vegetable-based livelihood of small and marginal farmers of Jharkhand. *National Seminar on “Integrated Rural Development and Management: Issues, Strategies and Policy Options”* at Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata – 700103, 17-18 December, 2010.
- j) Impact of training programmes on knowledge and attitude of trainees in Ranchi district *Environment and Ecology* 29(1): 50-52, 2011, ISSN: 0970-0420.
- k) An impact study on the Integrated Pest Management Programme. *Journal of Extension Education*. 15 (1&2):149-157, 2011, ISSN: 0976-8246.
- l) Adoption of Farm Technology and enhancing productivity through Front line Demonstration, *Journal of Extension Education*. 16 (1&2):149-157, 2011, ISSN:0976-8246.
- m) Economic Impact of technology dissemination on lac producing tribal households. *National Symposium on Recent Advances in Beneficial Insects*, Society for Advancement of Natural Resins and Gums, Indian Institute of Natural Resins and Gums, Namkum, Ranchi, 27-29 November, 2013.
- n) Family Farms of East Singhbhum, Jharkhand: Complexities and Priorities of Sustainable Development. Seventh National Extension Education Congress, 2014.
- o) Gender Dynamics in Agriculture: Looming Lights from the family farms of East Singhbhum, Jharkhand. *Human Resource Reflection International Journal*, Volume 2, Issue 4, July 2015 ISSN:2348-7518.
- p) Role of Women in Family Farming: A Case of Badri Village. National Seminar on “Agriculture, Rural and Tribal Development: Facts and Facets at Ramakrishna Mission Vivekananda University, Morabadi, Ranchi, 14 May, 2016.
- q) Performance of Onion as Influenced by Traditional Integrated and Organic Management Approaches. *International Journal of Agriculture Sciences*, Volume 8, 2016 No. 23: 1467-1469, ISSN:0975-3710.
- r) Family Farms of East Singhbhum, Jharkhand: A ‘PRA’ Based Analysis. *Global Journal of Research Analysis*, Volume 6, Issue 2, February 2017 (ISSN No. 2277-8160).
- s) Impact of Organic Manures on Onion Cultivation: A Review *Journal of Interacademecia* 21(3):341-348, 2017 ISSN0971-9016.

t) Cultivation of Organic Tomato (*Lycopersicum esculentum*) through Adaptive Trial.
Int.J.Curr.Microbiol.App.Sci (2018) Special Issue-7: 1308-1312.

u) An Economic Analysis on Integrated Farming System Model of Burakocha village in Angara block of Ranchi District, Jharkhand

u) An Economic Analysis on Integrated Farming System Model of Burakocha village in Angara block of Ranchi District, Jharkhand, *IJSRD - International Journal for Scientific Research & Development* | Vol. 6, Issue 07, 2018 | ISSN (online): 2321-0613.

v) Skill Development and Employment Generation through Lac Cultivation in Tribal area of Ranchi District, *Indian Journal of Natural Sciences*, Vol.10, Issue 60, 2020:23220-23237.

w) Bamboo Handicraft and Tribal Economy: A Case of Mahali Tribe of Angara Block, Jharkhand, *Indian Journal of Natural Sciences*, Vol.10, Issue 60, 2020:23215-23219.

x) A Comparative Analysis Between Organic and Inorganic Farming: ‘Study on Some Selected Villages of Ranchi District, Jharkhand’, *International Journal for Science and Advance Research in Technology*, Volume 7 Issue 1, 2021 ISSN [ONLINE]: 2395-1052.

y) Causes and consequences of high school drop-out in Ranchi district of Jharkhand *International Journal of Social Science and Economic Research* ISSN: 2455-8834 Volume:07, Issue:04 "April 2022"

z) Livelihood Diversification in Eastern Rural India: Problem and Prospects, *International Journal of Research and Review* 10 (12) 2023. <https://doi.org/10.52403/ijrr.20231043>.

H. Book / Book Chapter:

- **Sengupta, A.** (2013). “Information and Communication Technology and Rural Development”. In: Das Gupta, D. (Ed.), *Advances of Rural Development for Sustainable Agriculture, Agrobios, Volume -3, Part-B* ISBN: 9788177545302.
- Biswas, S. and **Sengupta, A.** (2014) “Participatory Adaptive Research for Promotion of Organic Farming: Case Study from a Tribal Village in Jharkhand. In: Rakshit, S and Paramanik, R.N. (Ed). *Rural Development Emerging Challenges in the New Millennium*, Abhijeet Publications: 205- 217, ISBN: 9789350741290.
- Koustab Mazumdar, **Sengupta, A.** and Jha, B.K. *Social and Livelihood Matrix of Rural Jharkhand: A Case Study*: Lambert Academic Publishing, Germany ISBN: 978-3-659-81709-0.
- **Sengupta, A.** (2017) *Livelihood Security in Fruit Farming*. In: Dutta, A.K. and Mondal, B. (Eds.), *Fruits for Livelihood: Production Technology and Management Practices* Published by Agrobios (India), Jodhpur, India: 421-432 ISBN: 978-81-933644-5-1.
- **Sengupta, A.** (2021) *Sustainable Farming System Models for Small Farmers of Western and South Eastern Plateau Regions of Jharkhand*, Edited book, *Agribusiness Development Planning and Management*. New Delhi Publishers, New Delhi: 2021, 35-47. ISBN: 978-81-948993-6-5.
