



**Department of Agricultural Extension
Institute of Agriculture
VISVA-BHARATI**

Bio data of Dr. (Ms.) Anindita Saha

- 1. Name** Dr. (Ms.) Anindita Saha
- 2. Designation** Associate Professor of
Agricultural Extension & HoD
- 3. VB ID** 2004020
- 4. Gender** Female
- 5. Date of Birth** 2nd January, 1977
- 6. Date of Joining** 17th August, 2004
- 7. Marital Status** Married
- 8. Name of Husband** Late Dr. Pijush Kanti Pramanick
- 9. Address for communication:** Department of Agricultural
Extension, PSB, Visva-Bharati,
Sriniketan, Pin: 731 236
- 10. E-mail** anindita.saha@visva-bharati.ac.in
- 11. Mobile Number** 9831164141
- 12. Educational Qualifications:**



| Examinations | Name of the Board/ University | Year of Passing | Percentage of marks of GPA obtained | Division/Class/Grade | Subject(s) |
|-------------------------|-------------------------------|------------------------------|-------------------------------------|---|---|
| B.Sc. (Ag.) | Visva-Bharati University | 1999 | 72.47% | 1 st | All subjects of B. Sc. (Ag.) Hons. |
| M.Sc. (Ag.) | NDRI | 2001 | 8.1 out of 10 i.e. 81% | 1 st class first (received gold medal) | All subjects of M.Sc. (Dairying) in Dairy Extension Education |
| Other Degrees/ Diplomas | ICAR- NET | 2002 | - | - | Agricultural Extension |
| Ph.D. | Visva- Bharati | 13 th April, 2007 | - | - | Agricultural Extension |

13. Fellowship/Distinction/ Award Achieved

- i. University Merit Fellowship during B.Sc. (Ag.) Hons. Course at Visva-Bharati, Sriniketan
- ii. ICAR Junior Research Fellowship during M.Sc. (Dairying) Dairy Extension Programme at NDRI, Karnal
- iii. Gold Medal for achieving 1st class 1st position in M.Sc. (Dairying) Dairy Extension Programme at NDRI, Karnal
- iv. Young Scientist Award in a National Seminar on “Adoption of Agro – Technologies and Social Change in Farming Community – Impact Assessment”, February 02-04, 2007, organized by Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics, Palli Siksha Bhavana, (Institute of Agriculture), Visva – Bharati, Sriniketan, West Bengal.
- v. Distinguished Scientist Award – 2021 in the field of Agricultural Extension on the occasion of 3rd International Conference on Global Initiative in Agricultural, Forestry and Applied Sciences for Food Security, Environmental Safety and Sustainable Development (GIAFAS-2021), 17th October – 18th October, 2021, at Shri Guru Ram Rai University, Dehradun, Uttarakhand, India
- vi. Women Scientist Award 2024 in the field of Agricultural Extension on the occasion of IXth International Conference on GRISAAS- 2024 at SKNAU- RARI, Jaipur, Rajasthan

14. Period of teaching experience: P.G. (in years): **21** U.G. (in years): **21**

15. Research Experience excluding years spent in Ph.D. (In years)

18

16. Fields of Specialization under the Subject/Discipline: Agricultural Extension

(a) Knowledge Information System

(b) Indigenous Knowledge System

(c) Agricultural Communication

(d) Rural Development

17. Training Received: **06**

18. Publication:

Research Paper: **59**

Book Chapter: 20

Teaching Manual: 01

Book: **National Publication:** 02 **International Publication:** 03

19. Student guided

M.Sc.: 25 (03 continuing)

Ph.D.: 07 (05 continuing)

15. Seminar attended:

National: 19

International: 11

20. Projects carried out: 06 University funded

21. Member of Learned Bodies: 05

22. Country visited: China

Publications

Research Papers

1. Gupta, A., **Saha, A.**, & Gupta, R. K. (2025). Unraveling the constraints influencing the marketing behaviour of dairy farmers in Chhattisgarh, India. *Journal of Scientific Research and Reports*, 31(6), 1133–1148. <https://doi.org/10.9734/jsrr/2025/v31i63203>
2. Gupta, A., **Saha, A.**, & Gupta, R. K. (2025). Comparative socio-economic analysis of dairy farmers across agro-climatic zones in Chhattisgarh. *Journal of Experimental Agriculture International*, 47(7), 14–29. <https://doi.org/10.9734/jeai/2025/v47i73542>
3. Girish, V.G., **Saha, A.**, Immanuel, R.R. and Kim, B., (2024), Authenticity, health concern and sustainable intelligence in the farm restaurant context: applying extended theory of planned behaviour, *British Food Journal*, Vol:126; No. 3; pp 1259-1277, Emerald Publishing Limited 0007-070X; DOI 10.1108/BFJ-06-2023-0484,
4. Rudrapal, T., **Saha, A.**, Dhakre, D.S. and Gupta, R.K. , (2023), Determinants of Entrepreneurial Behaviour of Women Dairy Farmers by Using one way ANOVA Analysis in Sepahijala District of Tripura, *Journal of Community Mobilization and Sustainable Development*, Vol. 18(1), pp 1-7, print ISSN 2230 – 9047; online ISSN 2231 – 6736, NAAS rating 5.30

5. Sahoo, B., **Saha, A.**, Dhakre, D. S., and Sahoo, S. L. (2023). Perceived Constraints of Organic Turmeric Farmers in Kandhamal District of Odisha. *Indian Journal of Extension Education*, 59(1), 107-111.
6. Arulmanikandan, B., **Saha, A.**, Tiwari, P. K., & Gupta, R. K. (2022) Perceptions of the B. Sc.(Ag.) Hons Final Year Students towards Rural Agricultural Work Experience in Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati. *Journal of Community Mobilization and Sustainable Development*, Vol. 2 (seminar special issue) May 26 – 28: pp 368-375. NAAS – 5.67
7. Gupta, R. K., **Saha, A.**, and Dhakre (2022) Perception of tribal and non-tribal dairy farmers towards the dairy farming in the central Indian states of Chhattisgarh: Structural Equation Modeling Approach. *Journal of Research ANGRAU*, 50(4), 100-115. UGC Care listed and NAAS Score
8. Sahoo, B., **Saha, A.** and Sahoo, S.L. (2022). Knowledge of the tribal Farmers towards Organic Turmeric Cultivation in Kandhamal District of Odisha. *Indian Res. J. Ext. Edu.* 22 (1), 8-12.
9. Gupta, R. K., **Saha, A.**, & Tiwari, P. K. (2021). Identifying the Entrepreneurship Behavioral Dimension of Tribal Dairy Farmers in Balrampur District of Chhattisgarh. *Indian Journal of Extension Education*, 57(4), 80-84.
10. Gupta, R. K., **Saha, A.**, & Gupta, A. (2021). Identifying the Perceived Constraints of Tribal Dairy Farmers by Using Principal Component Analysis: Insights from Dairy Farming in Balrampur District of Northern Hill Region, Chhattisgarh. *Journal of Community Mobilization and Sustainable Development*. 16(2), 357-366
11. Paine, A. K., **Saha, A.**, Tiwari, P. K., Dhakre, D. S., & Gupta, R. K. (2021). Constraints Perceived by the Vegetable Growers towards Excessive Use of Chemicals in Bankura District of West Bengal. *Indian Journal of Extension Education*, 57(3), 45-47.
12. Bhattacharjee, U., **Saha, A.**, Tiwari, P. K., Dhakre, D. S., & Gupta, R. K. (2021). Adoption Level of Farmers Practicing Organic Farming in Birbhum District of West Bengal. *Indian Research Journal of Extension Education*, 21(1), 12-15

13. Bhattacharjee, U., **Saha, A.**, Tiwari, P. K., Dhakre, D. S., & Gupta, R. K. (2021). Achievement Motivation of Organic Farmers of Birbhum District of West Bengal. *Indian Journal of Extension Education*, 57(1), 38-42.
14. Gupta, R. K., & **Saha, A.**(2021) A Scale for Measuring Dairy Farmers 'entrepreneurial Abilities in the Central Indian State of Chhattisgarh. *Vidyabharati International Interdisciplinary Journal*, Oct- 2021 (1620 - 1635) ISSN 2319-4979
15. Sahoo, B., **Saha, A.**, & Sahoo, S. L. (2021). Perception of the Tribal Farmers Towards Organic Turmeric Cultivation in Kandhamal District of Odisha: _Vidyabharati International Interdisciplinary Research Journal (Special Issue)_ 2666- 2672
16. Sahoo, B., **Saha, A.**, & Sahoo, S. L. (2022). Knowledge of the Tribal Farmers Towards Organic Turmeric Cultivation in Kandhamal District of Odisha: _Indian Research Journal of Extension Education_ 22 (1) :8-12
17. Bhattacharjee U., Saha, A., Tiwari, P. K., Dhakre, D. S., & Gupta, R. K.. Gupta,(2021), Adoption Level of Farmers Practicing Organic Farming in Birbhum District of West Bengal, *Indian Research Journal of Extension Education*,21(01): 12-15pp, ISSN:0972-2181, NAAS Score: 4.81
18. Bajpai, V. and Saha, A. (2020), Correlates of Personal, Communication and Psychological Attributes with Functional Linkage of Gram Cultivators of Hamirpur District of Uttar Pradesh, *Multilogic in Science*, 10(33): 630-633pp, ISSN: 2277-7601
19. Bajpai, V. and Saha, A. (2020), Personal, Psychological, Situational and Communicational Profile of Gram Cultivators in Hamirpur District of Uttar Pradesh, India, *International Journal of Current Microbiology and Applied Sciences*, 9(3): 1-13pp, ISSN: 2319-7706
20. Gupta, R. K., Saha, A., Tiwari, P. K., Dhakre, D. S., & Gupta, A. (2020). Attitudes of tribal dairy farmers towards dairy entrepreneurship in Balrampur district of Chhattisgarh: A principal component analysis. *Indian Journal of Extension Education*, 56(1), 59-63. NAAS Score – 5.32
21. Gupta, R. K., Saha, A., Tiwari, P. K., Dhakre, D. S., & Gupta, A. (2019). Entrepreneurial Behaviour of Tribal Dairy Farmers in Balrampur District of Northern

Hill Region of Chhattisgarh. Indian Journal of Extension Education, 55(4), 25-30.
NAAS Score – 5.32

- 22.** Gupta, R. K., Saha, A., Tiwari, P. K., & Gupta, A. (2020). Correlates of the Attitudes of Tribal Dairy Farmers towards Dairy Entrepreneurship in Balrampur District of Northern Hill Region, Chhattisgarh. Journal of Community Mobilization and Sustainable Development Vol. 15(2), 425-430. NAAS Score – 5.3
- 23.** Gupta, A., Saha, A., Gupta, R. K., & Dhakre, D. S. (2020). Perceived Constraints on Participation of Rural Women in Decision-Making Process: Insights from Dairy Farming in Surguja District of Chhattisgarh. Current Journal of Applied Science and Technology, Vol. 39(20), 23-29. NAAS Score – 5.32
- 24.** Gupta, A., Saha, A., Gupta, R. K., Chakraborty, S., & Dhakre, D. S. (2020). Socio-Economic Status of Rural Women Dairy Farmers in Surguja District of Chhattisgarh. Bulletin of Environment, Pharmacology and Life Sciences 9(4), 112-116. NAAS Score – 4.95
- 25.** Paine, A. K., Anindita, S., Dhakre, D. S., & Gupta, R. K. (2020). Perception of vegetable growers towards excessive use of pesticides in Bankura District of West Bengal. Journal of Research ANGRAU, 48(1), 53-58. UGC Care listed and NAAS Score – 3.60
- 26.** Gupta, A., Saha, A., Gupta, R. K., & Dhakre, D. S. (2020). Participation of Rural Women in Decision Making Process of Dairy Farming in Surguja District of Chhattisgarh, India. International Journals of Microbiology And Applied Science, 9(6), 2982-2988. NAAS Score – 5.38
- 27.** Bhattacharjee U., Saha, A., Tiwari, P. K., Dhakre, D. S., & Gupta, R. K.. Gupta, (2020). Achievement Motivation Organic Farmers of Birbhum District of West Benga. Indian Journal of Extension Education (ISEE) Vol. 57(1), 1-5. NAAS Score – 5.3
- 28.** Bhattacharjee, U., Saha, A., Tiwari, P. K., Dhakre, D. S., & Gupta, R. K. Adoption Level of Farmers Practicing Organic Farming in Birbhum District of West

Bengal. Indian Research Journal of Extension Education (SEE) Vol. 21 (1), 8-58.
NAAS Score – 4.81

29. Paine, A. K., Saha, A., Tiwari, P. K., Dhakre, D. S., & Gupta, R. K. (2020). Perception of Vegetable Growers towards Excessive Use of Chemicals in Bankura District of West Bengal: A Principal Component Analysis. International Journal of Tropical Agriculture, Vol. 38 (4), 407-416, NAAS Rating Score – 3.49
30. Biswas, M., Saha, A. and Dash, S.R.(2019), Constraints Faced by the Betel Vine Growers in Nadia District of West Bengal, International Journal of Current Microbiology and Applied Sciences, 8(4): 80-85pp, ISSN: 2319-7706
31. Biswas, M., Saha, A. and Dash, S.R.(2019), Sources of Information and Their Extent of Utilisation by Actors in AKIS for Betel Vine Growers in Nadia District of West Bengal, Asian Journal of Agricultural Extension, Economics and Sociology, 32(4): 1-6pp, ISSN: 2320-7027
32. Awatade, S.C., Saha, A. and Dhakre D.S.(2018), Sociological Status of Onion growing Farmers in Akola District of Maharashtra, India, International Journal of Current Microbiology and Applied Sciences, 7 (2): 6-12. NAAS Score: 5.38, ISSN: 2319-7706
33. Awatade, S.C., Saha, A., Ghosh, Souvik and Singandhupe, R.B.(2018), Agricultural Information Sources used by Onion farmers in Akola District of Maharashtra, India, International Journal of Current Microbiology and Applied Sciences, 7 (2): 1-5. NAAS Score: 5.38, ISSN: 2319-7706
34. Chakraborty, S., Gupta, A., Saha, A. and Dhakre D.S.,(2018), Sociological Status of Paddy Growers in Bankura District of West Bengal, The Pharma Innovation Journal; 7 (1): 05-09, NAAS Score: 5.03
35. Valamannavar, S., Saha, A. and Dhakre D.S.(2018), A Study on Knowledge and Opinion of the Farmers regarding Kisan Credit Card Scheme in Dharwad District of Karnataka, International Journal of Agricultural Science and Research, 8(6): 25-32, NAAS Score: 4.13

36. Ghoshal, R., Saha, A. and Basu, D.(2017), Social Impact of System of Rice Intensification (SRI) in North 24 Parganas District of West Bengal, Journal of Interacademia, 21(3): 282-286, NAAS Score: 3.96
37. Reang, K., Saha, A, Basu,D. and Dash, S.R.(2017), Constraints Faced by the Stakeholders in Implementing Forest Right Act:A Study in Dhalai District of Tripura, Trends in Biosciences 10(35): 7479-7481, NAAS Score: 3.94
38. Saha, A.(2017), An Analysis of Dairy Knowledge Information System, Journal of Interacademia, 21(2):184-189., NAAS Score: 3.96
39. Singh, S.S. and Saha, A.(2017), Documetation of Indigenous Knowledge in Farming System, International Journal of Bio-Resource, Environment and Agricultural Sciences (IJBEAS), 3(2): 548-553.
40. Subba, S. and Saha, A.,(2016), A Study on Socio- Economic Profile of Orchid Growers, International Journal of Bio-Resource, Environment and Agricultural Sciences (IJBEAS), 2 (2): 288-295
41. Subba, S. Saha, A. and Dhakre, D.S.(2016), Extent of Adoption of Orchid Growing Practices by the farmers of East Sikkim, International Journal of Bio-Resource, Environment and Agricultural Sciences (IJBEAS), 2 (2): 309-315
42. Kharga, B.D., Pradhan, K. and Saha, A.,(2016), Exploring the Factors Influencing the Decision Making Ability of the Entrepreneurs in the Small and Medium Scale Enterprises, Indian Research Journal of Extension Education, 16(1), pp 76-79, NAAS Score: 4.81
43. Paramguru S., Saha A., Mahapatra S. and Ray P.,(2015), Contract Farming in Sugarcane and Reactions of the Farmers- A study in Odisha, Global Journal of science frontier research:D Agriculture and Veterinary, vol: 15, Issue: 4, Double peer reviewed international research journal, online ISSN: 2249-4626 & Print ISSN: 0975-5896
44. Saha, A.(2014), Indigenous Breeding and Management Practices of Dairy Animals – A Study On Documentation, Scholars Journal of Agriculture and Veterinary Sciences, 2014; 1(4A):216- 221.SAS Publishers (Scholars Academic and Scientific Publisher)

Scholars academic and scientific society, ISSN:2348-1854 (Online) & ISSN 2348-8883 (Print)

45. Saha, A.(2014),Quantification of Indigenous Livestock Health Care System, Periodic Research, Multi-disciplinary International Research Journal, 3(1): 10-13 , Social Research Foundation, Kanpur, ISSN: 2231-0045(P), ISSN: 2349-9435(E)
46. Bhattacharjee Biswas,S. Saha, A. and Das Gupta, D. (2013) , Greening the Tertiary Education System with the Essence of Environmental Ethics, Research Journal of Agricultural Sciences 4(4): 567-568, May-June (2013), ISSN: 0976-1675 DI: 1360-13-1106-2013-151, Awantipora , J&K
47. Bhattacharjee Biswas,S., Biswas, M.K., Saha, A., (2013), Role of women in tea gardens- A case study in Dooars, International journal of Bio-resource and Stress Management, 2013, 4(1):077- 083, Pushpa Publishing House, Kolkata
48. Gupta, P., Mohapatra, S., Saha, A., Paramaguru,S.,(2012), Use of Participatory Approach for Promoting Hygienic Health Practices among Rural Women, Research Journal of Agricultural Sciences Vol: 3 • No: 2March - April 2012 ISSN: 0976-1675, Awantipora , J&K
49. Paramguru, S., Saha, A. and Raj R.K.,(2012), Contract Farming in Sugarcane Cultivation and Development of the growers, Journal of Interacad. 16(4a): 1140-1144, Kalyani, West Bengal. ISSN: 0971-9016
50. Paramguru, S., Saha, A. and Raj R.K.,(2012), Perception of the Farmers towards Contract Farming on Sugarcane, (2012), Journal of Extension Education, Vol. XVII, No.1, OSEE, Bhubaneswar, Odisha. ISSN: 0976-8246
51. Saha, A. (2011), Constraints in information flow of dairy knowledge information system, Research Journal of Agricultural Sciences, 2(3):669-671, ISSN No.: 0976-1675, Awantipora , J&K.
52. Saha, A., (2011), Managing Dairy animals by the dairy farmers of West Bengal, Wesleyan Journal of Research- An International Research Journal, Science Section, vol. 4, No. 1, pp 47- 55, ISSN- 0975-1386, Bankura, West Bengal.

53. Saha, A. and Chhetri, M.,(2011) Identifying Indigenous Knowledge- The First step towards Successful Horticultural Development in the Darjeeling Hills. A journal on Agriculture for All, pp 152-156, Jadavpur University, Kolkata.
54. Saha, A., Mukhopadhyay, S.B. and Das Gupta, D.(2010), Factors determining the suitability of traditional dairy practices, Indian Journal of Traditional Knowledge, 9(2), pp 321-325, ISSN No. : 0972-5938, NISCAIR, CSIR, New Delhi.
55. Saha, A., Mukhopadhyay, S.B. and Das Gupta, D.(2010), Inventory of indigenous healthcare practices of dairy animals, Indian Journal of Traditional Knowledge, 9(2), pp 326-332, ISSN No. : 0972-5938, NISCAIR, CSIR, New Delhi.
56. Saha, A., (2007) , Linkage Mapping of Dairy Knowledge Information System, Journal of Extension Education, Vol. XII, No. 1&2, pp: 17-24, Orissa Society of Extension Education, OUAT, Bhubaneswar, Orissa.
57. Saha, A., Mukhopadhyay S.B. and Das Gupta, D. (2008), An Analysis of Attributes of Indigenous Knowledge System, Journal of Extension Education, Vol. XIII, No. 1&2, pp: 47-54, Orissa Society of Extension Education, OUAT, Bhubaneswar, Orissa.
58. Saha, A, Mukhopadhyay, S.B. and Das Gupta, D. (2005), Constraints in Incorporating Indigenous Dairy Knowledge into Research and Development, Journal of Extension Education, Vol. IX and X, 1 and 2, pp: 1 to 5 OUAT, Bhubaneswar,
59. Pyne, S.K. and Saha, A (2002), Indigenous Technologies Practiced in Animal Husbandry by some of the Farmers of West Bengal in Rural Sector. Proceedings of International Seminar on Traditional Health & Environment OUAT, Bhubaneswar, India, February-22nd-29th: 153-154.

Book Chapters

01. Gupta A, **Saha A**, Gupta R.K. & Mohanty P, (2025), Women in Agricultural Extension: Empowering Rural Women Farmers, *Innovations in Agricultural Extension Bridging Knowledge and Practice* Edition 1st, ISBN: 978-93-91900-62-5, The Pustakalaya Publication, Lucknow, pg.53- 72.
02. Gupta A, **Saha A**, Gupta R.K. & Mohanty P, (2025), Extension in the Era of Globalization: Challenges and Opportunities, *Innovations in Agricultural Extension Bridging Knowledge and Practice* Edition 1st, ISBN: 978-93-91900-62-5, The

Pustakalaya Publication, Lucknow, pg.186- 200.

03. Gupta A, **Saha A**, Gupta R.K. & Jaiswal P, (2024), Extension Market-Oriented Extension: Linking Farmers to Markets, *Agriculture Extension Vistas: Advances in Agriculture Extension* (Volume-3), ISBN: 978-93-48909-14-5, Stella International Publication pg.279- 309.
04. Gupta A, **Saha A**, Gupta R.K., (2024), The Role of Artificial Intelligence in Revolutionizing Agricultural Extension for Food Security and Rural Development, *Horticulture: Science, Operations and Management* Edition:1st, ISBN: 978-93-48909-29-9, Stella International Publication pg.402-420.
05. Gupta R.K., **Saha A**, Gupta A, (2024), Organic Vegetable Crop Production: Principal and Practice, *Horticulture: Science, Operations and Management* Edition:1st, ISBN: 978-93-48909-29-9, Stella International Publication pg.421-432.
06. Awatade S.C., **Saha, A.**, Subba S. and Subba R.,(2016) Non availability of crop insurance: A major constraint faced by onion farmers in Akola district of Maharashtra in Family Farming :Challenges and Oppertunities eds. Mondal B., Sarkar D.,Mukhopadhyay S.D., Ghosh S.,Roy B.C. and Chowdhury S, pp 358-356, ISBN: 978-93-85502-22-4, Renu Publishers, New Delhi
07. **Saha A.**, (2016), Mapping of Dairy Knowledge Information System, in Family Farming :Challenges and Oppertunities eds. Mondal B., Sarkar D.,Mukhopadhyay S.D., Ghosh S.,Roy B.C. and Chowdhury S, pp 375-381, ISBN: 978-93-85502-22-4, Renu Publishers, New Delhi
08. Subba S., **Saha A.** and Awatade S.C., (2016), Constraints regarding indigenous method of Chilli growing practices- A study in Sikkim, in Family Farming: Challenges and Opportunities eds. Mondal B., Sarkar D., Mukhopadhyay S.D., Ghosh S., Roy B.C. and Chowdhury S, pp 467-472, ISBN: 978-93-85502-22-4, Renu Publishers, New Delhi
09. Das Gupta, D. and **Saha, A.**, (2014), ICT and Distance Education. In: Advances in Extension Education and Rural Development (ed), D. Das Gupta, vol: III (2014), pp 265-282, ISBN (13):978-81-7754-531-9, Agrobios, Jodhpur, India
10. Das Gupta, D, Saha, A. and Mukhopadhyay, S.B. (2014) Common People's Knowledge for Rural Development, Advances in Extension Education and Rural Development (ed), D. Das Gupta, vol: I pp- 289-304, ISBN: 978- 81-7754-529-6, Agrobios, Jodhpur
11. **Saha, A.**,(2014), Sustaining Rural Development through Local Innovation, Rural Development: Emerging Challenges in the new Millennium(ed), S. Rakshit and R.N.

Pramanick, pp 254-266, ISBN No. 978-93-5074-129-0, Abhijeet Publications, New Delhi.

12. **Saha, A.** and Das Gupta, D. (2014), Market Led Extension for Rural Development, In: Advances in Extension Education and Rural Development (ed), D. Das Gupta, vol: II, pp 177-184, ISBN (13):978-81-7754-530-2, Agrobios, Jodhpur, India.
13. Satpathy, B., Das Gupta, D. and **Saha, A.**, (2014), Management of Rural Livelihood System through Technological Interventions: An Exploratory Study, In: Advances in Extension Education and Rural Development (ed), D. Das Gupta, vol: III, pp 143-174, ISSN No. (13): 978-81-7754-531-9, Agrobios, Jodhpur.
14. **Saha, A.** (2011), Natural Resource Management – An Emerging Domain in Sustainable Development, In: D. Das Gupta (Ed.) (2011), Environmental Concerns, pp 127-132, ISBN No. (10): 81-7754-428-4. Agrobios, Jodhpur, India.
15. Das Gupta, D. and **Saha, A.** Information and Communication Technology and Distance Education. In: D. Das Gupta (Ed.) (2011), Farm Sector Development-Emerging Issues pp 317-336, ISBN(10):81-7754-394-6, Agrobios, Jodhpur, India.
16. **Saha, A.** and Das Gupta, D. (2011), Market Led Extension-Concepts and Issues, In: D. Das Gupta (Ed.) (2011), Farm Sector Development-Emerging Issues pp 423-432, ISBN(10):81-7754-394-6, Agrobios, Jodhpur, India.
17. Das Gupta, D and **Saha, A.**, (2009) Indigenous Knowledge System in Agricultural and Rural Development, In: Perspectives in Agricultural Extension and Rural Development (Agbamu, J.U. ed), Nigeria, pp: 59-82.
18. Saha, A., (2009), Limitations of Indigenous Knowledge System- An Experience from Eastern Region of India., In: Indigenous Knowledge System and Common People's Rights (Das Gupta, D. ed.), Agrobios (India), pp: 39-42.
19. **Saha, A.**, and Das Gupta, D., (2009), Indigenous Knowledge vis-a - vis Biodiversity Conservation, In: Indigenous Knowledge System and Common People's Rights (Das Gupta, D. ed.), Agrobios (India), pp:95-103.
20. Das Gupta, D and **Saha, A.**, (2008), Indigenous Knowledge— Imperative for Environment Sustainability, Environmental Awareness and Education (eds), pp 207-230, Agrobios, Jodhpur

Books

1. Arulmanikandan, B., **Saha, A.**, & Gupta, R. K. (2022) Students' Perceptions on Rural Agricultural Work Experience Programme: *Students' Perceptions on RAWE*

Programme at Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati. Lambert Academic Publishing' ISBN 978-620-4-9795-71

2. Gupta, R. K., Saha, A., (2020) Tribal Dairy Entrepreneurship Development: Entrepreneurial Behaviour of Tribal Dairy Farmers in Northern Hill Region of Chhattisgarh. Lambert Academic Publishing, ISBN 978-620-2-56360-4.
3. Gupta, A., Saha, A., & Gupta, R. K., (2020) Decision-Making Process of Women Dairy Farmers in Rural Area: Insights from Dairy Farming in Surguja District of Chhattisgarh. Lambert Academic Publishing, ISBN 978-620-2-78816-8.
4. Bhattacharjee (Biswas) S, Saha A and Das Gupta D. (2016), Sustainable Development Through tertiary level Environmental studies, Agrobios publisher, Jodhpur, ISBN: 978-81- 7754-627-9
5. Satpathy B, Saha A. and Das Gupta D., (2016), Technological Interventions for Management of Rural Livelihood System, Agrobios publisher, Jodhpur, ISBN: 978-81- 7754-626-2

Instruction Manual

Developed Instruction Manual on Extension Training for PG Students from ICAR Budget in the year 2016

Training Programme Attended

1. November 24-28, 2020, participated and successfully completed National Online Workshop on “Psychometric Scale Construction Techniques: Basic to Advances” organized by Dairy Extension Division, ICAR-NDRI, Karnal, Haryana.
2. 23rd February, 2020 to 03rd March, 2020 - Attended and successfully completed 10-Day National Workshop on Data Analysis using Statistical Tools, Techniques and Packages with special emphasis on SPSS and R, Organised by Deptt of Agricultural Statistics, PSB, Visva-Bharati, Sriniketan
3. Attended and successfully completed 10- day National Workshop on Research Methodology using Statistical tools, Techniques and Packages (SPSS & R), Organized by Deptt. of Agricultural Economics and Agricultural Statistics, PSB, Visva-Bharati from February 15-24, 2019

4. Participated and successfully completed UGC Sponsored Refresher Course on Disaster Management and Environment from 23.10.17 to 13.11.17 organised by HRDC, Jadavpur University, Kolkata
5. Participated and successfully completed the ICAR sponsored Short Course on Designing Impact Evaluation for Agricultural Technologies, organized by ICAR – NRRI, Cuttack (Odisha) from 1st to 10th August, 2016
6. Attended UGC sponsored Refresher Course on Environmental Science from 20th November, 2010 to 10th December, 2010 at UGC Academic Staff College, Burdwan University, Golapbag, Burdwan.

Seminar / Conference/ Symposium Attended

National

1. Attended and presented a research paper entitled Indigenous Knowledge in Sustainable Natural Resource Management in the National Seminar on Sustainable Resource Management for Enhancing Farm Income, Nutritional Security and Livelihood Improvement, organized by Deptt. of Aronomy, PSB, Visva-Bharati from February 1-3,2019
2. Attended and presented a research paper entitled Indigenous way of Managing Dairy Herd – A Study in Birbhum District of West Bengal in the International Conference on Livelihood Promotion,Bio-Diversity Conservation and Social Security in Indian Sundarbans, Organized by Deptt. of Plant Protection, PSB, Visva-Bharati from December 7-9, 2018
3. Attended National Conference on Women and Development, Organized by Department of Lifelong Learning and Extension (REC), PSV, Visva-Bharati, Sriniketan held on 17th -18th March, 2017 and presented a paper entitled as Role of Rural Women in Agriculture
4. Attended National Symposium on Recent Trends in Agriculture and Allied Sciences for Better Tomorrow, Organized by Department of Animal Science, PSB, Visva-Bharati, Sriniketan and The Society of Bio-resource, Environment and Agricultural Research, Santiniketan held on 4th December,2016 and presented a paper entitled as Women Empowerment and Agriculture

5. National Conference on Education and Development organized by Department of Lifelong Learning and Extension, Visva-Bharati during March 4-5, 2016 and presented paper
6. National seminar on Sustainable family farming for food, nutritional & livelihood security organized by Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics during March 5-6, 2016
7. 8 March 2014: National Seminar on Status of Land resources: Challenges and Solutions, organized by Department of Rural Sociology and Community Development, Balwant Vidyapeeth Rural Institute, Bichpuri(Agra), on 8 March, 2014; made a presentation on ‘ Soil and water conservation under different situation’.
8. 1 February 2014: National Seminar on Agriculture and Bio-security in changing scenario, organized by Department of ASEPAN, PSB, Visva-Bharati, Sriniketan, from 1-3 February 2014; made a presentation on ‘Social methods in natural resource management research’.
9. 22 March, 2013: National seminar on Changing Rural Scenario in the New Millennium, organized by Department of PCK, Visva-Bharati, from 22nd -23rd March, 2013, made presentation on Sustaining Rural Development through Local Innovations.
10. National Seminar on Rabindrachitra, February 11-12, 2012, organized by Visva – Bharati *Adhyapaka Sabha*, Santiniketan.
11. National Seminar on Safe Food for all, February 21-23, 2012, organized by Department of ASEPAN, Institute of Agriculture (PSB), Visva-Bharati, Sriniketan, West Bengal.
12. Extension Management Programme on Development Project Management, Nov 12-13, 2011, organized by Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics, Institute of Agriculture (PSB), Visva-Bharati, Sriniketan, West Bengal.
13. National Conference on Application of Statistics in Life Science and Engineering, December 10-11, 2011, organized by Department of Agricultural Extension,

Agricultural Economics and Agricultural Statistics, Institute of Agriculture (PSB), Visva-Bharati, Sriniketan, West Bengal.

14. UGC sponsored National Seminar on 'Exploitation of Biofertilizers and Biopesticides for Sustainable Development of Modern Agriculture' from 18th to 19th February, 2011 organized by Department of Botany, Bankura Christian College and DBSS, Diocese of Durgapur held at Department of Botany, Bankura Christian College, Bankura.
15. National Seminar on 'Science and Nature: Tagore's Vision and Its Relevance' from 12th- 13th March, 2011, organized by Siksha Bhavana, Visva- Bharati held at Siksha Bhavana, Visva- Bharati, Santiniketan.
16. National Seminar on 'Agricultural Strategies vis-à-vis Environment: Vision 2025' from 22nd- 23rd March, 2011 organized by Agro- Economic Research Centre, Visva-Bharati held at Agro- Economic Research Centre, Visva-Bharati, Santiniketan.
17. National Conference on 'Horticulture for Rural Development- Biotechnological and Biochemical Aspects' on 25th September, 2010, organized by the Department of Chemistry, Jadavpur University, Kolkata and Eastern India Horticulture and Biotechnology Centre, Baharu held at the Department of Chemistry, Jadavpur University, Kolkata-32.
18. Adoption of Agro – Technologies and Social Change in Farming Community – Impact Assessment, February 02-04, 2007, organized by Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics, Palli Siksha Bhavana, (Institute of Agriculture), Visva – Bharati, Sriniketan, West Bengal.
19. Education and Expectations, February 24-25, 2007, Organized by "Adhyapak Sabha", Visva Bharati, Santiniketan, West Bengal

International

1. Attended 1st International Conference on Bio-Resource, Environment and Agricultural Sciences, Organized by The Society of Bio-resource, Environment and Agricultural Research, Santiniketan and Institute of Agriculture, Visva-Bharati, Sriniketan, held on 4-6th February, 2017 and presented a paper entitled as State-of the -Art of Sustainable Dairy Farming in West Bengal

2. Attended 36th INCA International Congress on Cartography for Analysis and Management of Climate Change, Organized by Department of Geography, Vidya-Bhavana, Visva-Bharati, Santiniketan, held on 9-11th November, 2016 and presented a paper entitled as Role of Agricultural Extension in Coping with Climate Change Issues
3. International conference on Renewable Energy- Extension and Outreach organized by Department of Environmental Studies, Visva-Bharati during March 20-21, 2016
4. 6-9th November, 2014, International Seminar on Integrating Agriculture and Allied Research: Prioritizing Future Potentials for Secure Livelihoods, organised by Crop and Weed Science Society, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, West Bengal and presented research paper on Indigenous way of managing dairy animals- a Study on Documentation.
5. 16-18th January, 2015, International seminar on Human Development and Sustainability: Challenges and Strategies for the Asian Century, organised by Department of Social Work, Visva-Bharati, Sriniketan and International Consortium for Social Development- Asia Pacific in collaboration with the Charles Stuart University, Australia and Action Aid- Kolkata at Department of Social Work, Visva-Bharati, Sriniketan and presented research paper on Sustaining Development through Folk Knowledge.
6. 14-17th February, 2015, Global Social Science Conference on Management of Sustainable Livelihood Systems, organised by International Society of Extension Education, Orissa University of Agriculture and Technology and Orissa Society of Extension Education at Orissa University of Agriculture and Technology, Bhubaneswar, Orissa and presented research paper on Suggestive Measures for Sustainability of Contract Farming in Sugarcane.
7. March 16- 17, 2015, Participated in the National Conference on Women Empowerment: Challenges and Strategies, organised by the Department of Lifelong Learning and Extension (Rural Extension Centre), PSV, Visva-Bharati and presented research paper on 'Empowering Rural Women through Agriculture'
8. 24 February 2014: International Conference on Environmental Biology and Ecological Modelling, organized by Department of Zoology, Visva-Bharati, from 24-

26 February, 2014: made presentation on Coping with climate change through indigenous knowledge of rural women.

9. 6 February, 2013: International Conference on Bio-resource and Stress Management, organized by Rathikanta Maiti Foundation, International Journal of Bio-resource and Stress Management and CRIJAF, from 6th -9th February,2013, made presentation on Traditional Knowledge Based Dairy Farming– A Study.
10. International Conference on ‘Traditional Practices in Conservation Agriculture’ from 18th -20th September, 2010 organized by Asian Agri- History Foundation (AAHF) held at Janardan Rai Nagar Rajasthan Vidyapith University, Udaipur, Rajasthan.
11. 16th World Congress of the International Union of Anthropological and Ethnological Sciences on ‘Humanity, Development and Cultural diversity’ held at Kunming, China from 27th July 2009 to 31st July, 2009 and presented two research papers namely
-Limitations of Indigenous Knowledge System- An Experience from Eastern Region of India
-Indigenous Knowledge vis-a - vis Biodiversity Conservation
Panel name: INDIGENOUS KNOWLEDGE SYSTEM AND COMMON PEOPLE’S RIGHTS

Member of learned bodies

1. Life member of The Indian Society of Extension Education, Division of Agricultural Extension, IARI, New Delhi-12.
2. Life member of Orissa Society of Extension Education, Department of Extension Education, College of Agriculture, OUAT, Bhubaneswar-751003.
3. Life member of The Indian Science Congress Association, 14, Dr. Biresw Guha Street, Kolkata-17
4. Life member of International Journal of Bio-Resource and Stress Management, Puspa Publishing House, Kolkata, West Bengal.
5. Life member of Crop and Weed Science Society, BCKV, Mohanpur, Nadia, West Bengal.
6. Life member of Society for Community Mobilization for Sustainable Development, Sector - 13, Dwarka, New Delhi - 110045