

## Brief C. V.



**1. Name:** Dr. Siddhartha Dev Mukhopadhyay

**2. Present Status:** Professor, Agricultural Extension

**3. Official Address:** Department of Agricultural Extension,  
Palli Siksha Bhavana (Institute of Agriculture),  
Visva-Bharati University, Sriniketan, Dist. Birbhum, West Bengal, PIN 731236

**4. Educational Qualification:** B.Sc (Ag) Hons, M.Sc (Ag) in Agril. Extension, Ph.D in Major field of Agril. Extension

### 5. Academic Work Experience

- Working experience in University Teaching – 30 Years
- Former Senior Scientist, Division of Agricultural Extension, IARI, New Delhi

### 6. Research Experience

1. Number of Scholars Awarded Ph.D Degree under my Guidance – 17
2. Number of Scholars Doing Ph. D Research work under my guidance – 04
3. Number of PG Thesis Work Supervised & Degree Awarded – 32
4. Number of ongoing PG Thesis Work– 02

### 7. Administrative Work Experience

- Worked as Director, Visva-Bharati Centre for Management Studies
- Worked as Dean of Students' Welfare for Two Terms of three years Each
- Worked as Assistant Proctor, Visva-Bharati
- Worked as Hostel Warden
- Working as Post Graduate and Ph.D Coordinator of the Department
- Worked as Head of the Department (2019-2022)

### 8. Award Received (Academic)

- Recipient of **Jawaharlal Nehru Memorial Award** for proficiency in studies during School Level
- Recipient of **Junior Research Fellowship** of ICAR for M.Sc (Ag) Programme
- Recipient of **Senior Research Fellowship** of ICAR for Ph.D Programme
- Stood **First Class First** in M.Sc (Ag) Programme (**Gold Medal**)
- **Best Lead Paper** Presentation Award in ISEE Nat. Sem (2018)
- Recipient of **UGC Teacher Fellowship** (Could not avail) for reshaping school education
- **National Resource Person** (2000-2009) for Children Science Congress of DST, Gol
- **National Resource Person and Co-Chair**, E-Learning of RILM's TEACH Programme

### 9. Award Received for Commendable Social Services

- **National Hero Award** of Rotary International for commendable work in Pulse Polio Programme (2016-17)
- **Best President Award** of Rotary International District 3240 (2016-17)
- **National Resource Person and Co-Chair** of TEACH (Literacy) Programme of Rotary International District 3240 (2017-18 & 2018-19, 2022-23).
- **Paul Harris Fellow** (2014) of Rotary International
- **Multiple Paul Harris Fellow** (2017) of Rotary International

### 10. Major Research Project Completed

Sl.No	Title of the Research Project	Year	Sponsor	Amount	Worked As
A.	1.Use of agro-technologies for development of rural areas	2000-2003	DST, GoI	Rs.3,50,000	Principal Investigator
B.	Science In Aid for Development of Rural Areas	2001-2004	MP-LAD Grant	Rs.5,50,000	Principal Investigator
C.	Intensive Sugarcane Development Programme	2011-2018	Dept of Ag, Govt of WB	Rs. 12.5 lakhs per year	Principal Investigator

### 11. Completed Minor Research Project with University Partial research Grant.

Sl.No	Title of the Research Project	Year	Worked As
A	Leadership Role Performance and Competence of Block and District Level Officers	2010-2011	Principal Investigator
	Participation of Tribal in Development Projects	2011-2012	Principal Investigator
	Level and Extent of Awareness about Integrated Pest Management Practices Among Farmers (Phase I)	2012-2013	Principal Investigator
	Level and Extent of Awareness about Integrated Pest Management Practices Among Farmers (Phase II)	2013-2014	Principal Investigator

### 12. Refresher / Orientation Course Attended:

Refresher Course: 03 (Each of 28 days duration)

Orientation Course: 02 (Each of 28 days duration)

### 13. Training Course Organised as Coordinator:

Two Field Experience Training (FET) Course organised as Coordinator for ARS Scientists (Each of 28 days duration).

**14. Seminar / Symposium / Workshop Organised as Chairman / Secretary:**

National Seminar: Five Numbers

State Level Seminar: Three Numbers

Workshop – Nine Numbers

**15. Workshop Conducted:** Workshop on Improved Methods of Sugarcane Cultivation. Held at Visva-Bharati, July 17, 2016.

**16. Seminar / Symposium attended:**

# International Seminar: Six Numbers # National Seminar: Twenty five Numbers

# State Level Seminar: Sixteen Numbers # Workshop: Nine Numbers

**17. Acted as Resource Person**

For FET Training of ARS Scientists – 04 Numbers

Winter School Lecture – 03 Numbers

Summer School Lecture – 05 Numbers

**18. Consultancy Work**

Worked as Consultant to Agricultural Finance Consultants (AFC) for its Sikkim Project

Worked as Consultant to Dalmia Group of Industries

Worked as Expert Consultant to NABARD for its WADI Project

**19. Social Services**

- Served Rotary Club of Bolpur-Santiniketan in the Capacity of – Secretary (2013), Director of Service Projects (2014), Vice-President (2015), President (2017)
- Served Rotary International District 3240 in the capacity of – Chairman, Membership Orientation Programme, Chairman, Literacy Committee; Co-Chair, District Literacy Committee, RID 3240; Zonal Coordinator, Zone IV, RID 3240, **Chairman, Focus Area – Basic Education & Literacy**, RID 3240 (2023-24).

**20. List of Publication (2012-2025)**

**In Journal**

Lahiri, B. & Mukhopadhyay, S.D. (2012). Content Analysis of Farm Information Communicated Through Selected Radio Programme. *Indian Res. J. Ext. Edu.* 12 (1), Pp 29-35, January, 2012

Moktan Mendel Wangchuk and Mukhopadhyay Sidhartha D (2012). Nature and Extent of Participation of Farm Women and their Economic Contribution in Agriculture - A Case Study in Hilly District of West Bengal, *Indian Research Journal of Extension Education*. 12 (2). Pp. 01-09. ISSN 0972-2181.

Bar, N and Mukhopadhyay, Siddhartha D. (2012). Content analysis of Indian Journal of Extension Education, *Journal of Extension Education*, Vol. XVII, No.2, Pp 173-186, ISSN 0976-8246.

Lahiri, B. & Mukhopadhyay, S.D. (2013). Credibility of farm information disseminated through newspaper and radio programme: A case study. *Indian Research Journal of Extension Education*. 13 (1). Pp. 01-08. ISSN 0972-2181.

Pariari, A. & Mukhopadhyay, S.D (2013). Farmers' adoption behaviour in relation to chemical, cultural and biological plant protection – A study in Purba Medinipur district of West Bengal. *Journal of Extension Education*. XVIII (1). Pp. 53-60. ISSN 0976-8246

Jena, M. Mukhopadhyay, S.D. & Raj, R.K. (2013). Knowledge of rural women on functioning of Self-Help Group. *Journal of Extension Education*. XVIII (2). Pp. 34-40. ISSN 0976-8246.

Dash, S.R., Mukhopadhyay, S.D. & Raj, R.K (2013). Knowledge level of the tribal people towards functioning of Watershed Development Programme. *Journal of Extension Education*. XVIII (2). ISSN 0976-8246.

Bar,N., Mukhopadhyay, S.D and Raj, R.K. (2013). Constraints of the tribal farmers in attending KVK training – An analysis. *Journal of Interacademia*. Vol. 16. No.4. Pp. 1168-1172. ISSN 0971-9061

S.D. Mukhopadhyay and N.Bar. (2013). Content analysis of Indian Journal of Extension Education. *Journal of Extension Education*. XVII (2). Pp173-185. ISSN 0976-8246.

Dash, S; Mukhopadhyay,S.D and Raj, R.K. (2014). Watershed Development Programme and involvement of the tribal people-An analysis. *Journal of Extension Education*. Vol-XIX (1). Pp-30-36. ISSN 0976-8246

Pariari, A and Mukhpadhyay, S.D. (2014). Adoption behaviour of farmers of Purba Medinipur district about weed control in Paddy. *Journal of Interacademia*. 18 (3). Pp. 430-441. ISSN 0971-9061.

Jena, M; Mukhopadhyay, S.D and Raj R.K. (2014). Self Help Groups – Competency of the members in managing group & vocation. *Journal of Interacademia*. 18(3). Pp. 463-469. ISSN 0971-9061

Hawque, M & Mukhopadhyay, S.D (2015). Entrepreneurial Behaviour of Vegetable Growers of Dhubri District of Assam. *Journal of Extension Education*, XX (2). ISSN 0976-8246.

Bar, N; Mukhopadhyay, S.D and Raj, R.K. (2015). Perception of tribal farmers towards KVK training. *Economic Affairs*. Vol 60. No. 4. Pp. 585-589.

Bar, N., Mukhopadhyay, S.D and Raj, R.K. (2015). KVK training and development of the tribal farmers. (2015). *Journal of Extension Education*. XVI (1 & 2). Pp159-165. ISSN 0976-8246.

Bar, N., Mukhopadhyay, S.D., Rout, B and Prusty, S. (2015). Constraints faced by Krishi Vigyan Kendra scientists in conducting training effectively for the tribal of Odisha in India. *Journal of Interacademia*. Vol. 19. No.1. Pp. 160-165. ISSN 0971-9061, Page4.

Dash, S.R; Ray, P; Mukhopadhyay, S.D; Routray, B.K; Singh, D.V. (2017). Constraints perceived by Tribal People in Implementation of watershed Development programme – A study in Odisha. *International Journal of Current Microbiology and Applied Science*, Vol-6, No. 8. PP-3296-3301. ISSN-2319-7706.

Patra Santanu, Mukhopadhyay, Siddhartha Dev and Raj, R. K (2017). Attitude of the Extension Professionals towards computer assisted extension system. *Journal of Extension Education*, Vol. XXII, No.2, July – Dec., 2017. ISSN 0976-8246. Pp 70-75.

Khoisnam, N and Mukhopadhyay, S.D. (2018). Study of knowledge, skill and extent of participation of Self-Help Group members in managing SHGs and income generating activities. *International Journal of Microbiology and Applied Sciences*, ISSN: 2319-7706; Vol. 7. No. 01.

Khoisnam, N; Mukhopadhyay, S.D. and Subba, R. (2018). Socio-economic profile and nature of constraints perceived by the women Self Help groups in Imphal West district of Manipur. *International Journal of Chemical Studies*. Vol. 6. No.4. Pp 555-560.

Karak, Sabyasachi; Roy, Subhajit and Mukhopadhyay, S.D. (2019). Studies of the perception of respondents regarding KVK training intervention in agriculture. *International Journal of Current Micro-Biology and Applied Sciences*. Vol. 8. No.2. Pp. 1-16. ISSN: 2319-7706.

Roy Sabyasachi and Mukhopadhyay Siddhartha Dev (2019), Farmers' Perception on the Gaps, Barriers and Driving Forces for Organic Farming in India, *Indian Journal of Extension Education*, Vol. 55, No. 3, (43-48).

Sinha Subir Kumar and Mukhopadhyay Siddhartha D. (2019), Perception of Beneficiaries about Impact of MGNREGS on Economic, Social and Societal Empowerment, *Economic Affairs*, Vol. 64, No. 4, pp. 753-759, December 2019, DOI: 10.30954/0424-2513.4.2019.10.

Karak, Sabyasachi and Mukhopadhyay, S.D. (2019). The nature and extent of changes occurred in the knowledge and practices of the respondents: A study in Nadia district of West Bengal, *International Journal of Chemical Studies* 2019; 7(3): 389-394. P-ISSN: 2349–8528 E-ISSN: 2321–4902.

Subba, Ranjit and Mukhopadhyay, S.D. (2019). Impact of ATMA (Agricultural Technology Management Agency) in changing knowledge, skill and adoption behaviour of farmers in Sikkim. *International Journal of Current Micro-Biology and Applied Sciences*. Vol. 8. No.3.

Karak Sabyasachi and Mukhopadhyay Siddhartha Dev (2020). Study of type extent of training received by KVK trainees, *Current Journal of Applied Science and Technologies*, 39 (46): 88-101. ISSN: 2457-1024.

Patra Santanu, Mukhopadhyay, Siddhartha Dev and Raj, R. K and Mishra, J. R (2020). Perceived use of computer in Extension activities by the extension officials, *Indian Journal of Extension Education*, 56 (3), Pp. 83 – 87.

Patra Santanu, Mukhopadhyay, Siddhartha Dev and Raj, R. K. (2020). Computer Based Extension System and Competency of the Extension Professionals-A Study in Odisha, *Int.J.Curr.Microbiol.App.Sci* (2020) 9(8): 3415-3420. ISSN: 2319-7706.

Patra Santanu, Mukhopadhyay, Siddhartha Dev and Raj, R. K (2020). Extent of computer use by the extension officials in extension activities. *Journal of Extension Education*, Vol. XXV, No. 1, ISSN 0976-8246. Pp. 35-38.

Kumari, P., Mukhopadhyay, S.D and Raj, R.K. (2020). Knowledge, Skill and Extent of Computer Use by The Fishermen of Odisha, *International Journal of Microbiology Research*, ISSN: 0975-5276 & E-ISSN: 0975-9174, Volume 12, Issue 8, 2020, pp.-1898-1901.

Patra Santanu, Mukhopadhyay, Siddhartha Dev and Raj, R. K (2020). Computer based extension system and competency of the extension professionals – A study in Odisha, *International Journal of Current Microbiology and Applied Sciences*, 9 (8), 2020.

Patra Santanu, Mukhopadhyay, Siddhartha Dev and Raj, R. K (2020). Extent of computer use by the extension officials in extension activities, *Journal of Extension Education*, XXV (1). ISSN 0976-8246.

Sethy Suprava and Mukhopadhyay Siddhartha D. (2020). Use of ICTs by Farmers: A Study in Odisha, *Asian Journal of Agricultural Extension, Economics & Sociology*, 38(5): 74-86, 2020; Article No. AJAEES.57915, ISSN: 2320-7027.

Kumari, P., Mukhopadhyay, S.D and Raj, R.K. (2022). Knowledge, skill and extent of mobile use by the fishermen in Odisha, *Journal of Research in Humanities and Social Science (Quest Journal)*, Vol. 10 Issue 4, Pp. 68-73. ISSN 2321-9467.

Kumari, P., Mukhopadhyay, S.D and Raj, R.K. (2022). Perception of fish farmers regarding different ICTs and contents (June, 2022). *Journal of Research in Humanities and Social Science (Quest Journal)*. Vol. 10, Issue 6, Pp 01-08. ISSN(Online):2321-9467.

Sabyasachi Karak<sup>1</sup>\* and Siddhartha Dev Mukhopadhyay (2022), Study of Type and Extent of Training Received by KVK Trainees, *Current Journal of Applied Science and Technology*, 39(46): 88-101, 2020; Article no. CJAAS.64833, ISSN: 2457-1024.

Dash Samir Ranjan, Mukhopadhyay Sidhartha Dev, Mishra Prasanna Jit, and Swain Susanta Kumar (2022), Identifying and Understanding Factors Influencing the Knowledge Level of Farmers in Watershed Development Programme Using Principal Components, *Asian Journal of Agricultural Extension, Economics & Sociology*, 40(10): 893-908,; Article No. AJAEES.90034, ISSN: 2320-7027

Srichandan Kajal and Mukhopadhyay, Siddhartha D (2023). Socio-economic aspects of fish farmers in Odisha, *The Pharma Innovation Journal* 2023; 12(6): 1702-1705. ISSN (E): 2277-7695 ISSN (P): 2349-8242.

Padhan, Subarnna Keshari Haripriya and Mukhopadhyay, Siddhartha D. (2024). Entrepreneurial behaviour of farmers: A review in Indian perspective, *International Journal of Agriculture Extension and Social Development*, Volume 7; SP-Issue 7; June 2024; Page No. 79-88.

Padhan, Subarnna Keshari Haripriya and Mukhopadhyay, Siddhartha D. (2024). Determinants of Efficient Needs Delivery to Farmers of Odisha, India: A Multi approach Constraint Analysis. *International Journal of Agriculture Extension and Social Development*, Volume 7; SP-Issue 7; June 2024; Page No. 79-88. P-ISSN: 2618-0723.

Dash Samir Ranjan, Mukhopadhyay Sidhartha Dev, Mishra Prasanna Jit, (2024). Principal Component Analysis (PCA) Of Socio-Economic Variables That Affect the Extent of Linkage and Co- Ordination Among Stakeholders for Effective Implementation of Watershed Development Programme. *MULTILOGIC IN SCIENCE*, VOL. XIII, Issue XXXXVIII, Nov to Jan 2024. ISSN 2277-7601.

Hossain, Mosaraf SK. and Mukhopadhyay, S D. (2024). Farmers' perceived constraints to Extension & Advisory Services (EAS): A garret ranking analysis, *International Journal of Agriculture Extension and Social Development*, Volume 7; Issue 11; November 2024; Page No. 271-276.

Hossain, Mosaraf SK. and Mukhopadhyay, S D. (2024). Analyzing Farmers' Perceived Information Need and its Mitigation by Extension and Advisory Service (EAS) Providers in Pluralistic System, *Journal of Experimental Agriculture International*, Volume 46, Issue 9, Page 1210-1218, 2024; Article no. JEAI.123909, ISSN: 2457-0591

Hossain, Mosaraf SK. and Mukhopadhyay, S D. (2024). Comparative Effectiveness of Extension and Advisory Service (EAS) Providers in a Pluralistic Extension System of West Bengal, India; *Archives of Current Research International*, Volume 24, Issue 11, Page 442-449, 2024; Article no. ACRI.127252 ISSN: 2454-7077.

Hossain, Mosaraf SK. and Mukhopadhyay, S D. (2024). Impact Assessment of Extension and Advisory Service Providers in a Pluralistic Extension Scenario, *Gujarat Journal of Extension Education*, Vol. 38 : Issue 2: December 2024.

Mohanty Satyabrata, Mukhopadhyay, S. D. and Singh Ruchi (2024). Factors Affecting Farmers in Effective Needs Delivery: A Multi-Approach Problem Prioritization Technique, *Gujarat Journal of Extension Education*, Vol. 38: Issue 2: December 2024.

Mohanty Satyabrata, Mukhopadhyay, S. D. (2024). Determinants of Efficient Needs Delivery to Farmers of Odisha, India: A Multi-approach Constraint Analysis, *Journal of Experimental Agriculture International*, Volume 46, Issue 12, Page 484-492, 2024; Article no. JEAI.128586, ISSN: 2457-0591.

Senapati Rupashree and Mukhopadhyay Siddharth Dev (2024). Extent of Vulnerability amongst the Farmwomen in Odisha. *International Journal of Agriculture Extension and Social Development*, Volume 7; Issue 4; April 2024; Page No. 292-295. P-ISSN: 2618-0723.

Senapati Rupashree and Mukhopadhyay Siddharth Dev (2024). Women Empowerment Level in Agriculture: A Study in Odisha, India. *Journal of Experimental Agriculture International*, Volume 46, Issue 6, Page 459-464, 2024; Article no. JEAI.117151, ISSN: 2457-0591

Padhan, Subarnna Keshari Haripriya and Mukhopadhyay, Siddhartha D. (2025). A Relational Analysis of Level of Knowledge and Adoption of Mango Growers in Odisha, India; *Journal of Experimental Agriculture International*, Volume 47, Issue 1, Page 331-342, 2025; Article no. JEAI.130046, ISSN: 2457-0591.

Mukherjee Subhajit and Mukhopadhyay Siddhartha Dev (2025). Constraints Faced by the Farmers towards Adaptation to Extreme Climatic Events on Agriculture: A Study in the Coastal Region of West

Bengal, India, *International Journal of Environment and Climate Change*, Volume 15, Issue 8, Page 294-303, 2025; Article no. IJECC.140912, ISSN: 2581-8627.

Mukherjee Subhajit and Mukhopadhyay Siddhartha Dev (2025). Perceived Impact of Extreme Climatic Events on Agricultural Livelihoods: A Study in Coastal Region of West Bengal, India, *International Journal of Environment and Climate Change*, Volume 15, Issue 9, Page 113-120, 2025; Article no. IJECC.142604 ISSN: 2581-8627.

Raaj Aaryaa, Mishra Abhishek and Mukhopadhyay S.D. (2025). Knowledge Level of Coffee Growers Regarding Coffee Cultivation Practices, *Journal of Experimental Agriculture International*, Volume 47, Issue 5, Page 613-627, 2025; Article no. JEAI.135936, ISSN: 2457-0591

### **Book Published**

Watershed Development for tribal people: The approach and impact. Authored by: S D Mukhopadhyay, S R Dash, S K Acharya, R K Raj and G C Mishra. Krishi Sanskriti Publications, New Delhi. ISBN: 978-93-85822-31-5.

Kumari Pinkey and Mukhopadhyay Siddhartha Dev and Raj R.K., (2023). *Role of Information and Communication Technology in Fishery Enterprise of Coastal Odisha*, Lambert Academic Publication

### **Book Edited**

Dasgupta D and Mukhopadhyay, Siddhartha D (2001). *Social Science on the Farm Front*, Naya Prakash, Kolkata (2001), ISBN 81-85421-58-7.

Dasgupta D., Chowdhury S and Mukhopadhyay, Siddhartha D (2007). *Development communication in Rural Sector*. Abhijeet Publication, New Delhi. ISBN 978-81-89886-22-6.

Mass Media In Agricultural Extension, (Ed). B, Lahiri, Mukhopadhyay, Siddhartha D, and Adhikary, M M (2012), Daya Publishing House, New Delhi. ISBN: 978-81-7035-783-4.

Family Farming challenges and opportunities (Jointly edited). Renu Publishers, New Delhi. ISBN: 978-93-85502-22-4.

### **Book Chapters**

Mukherjee Subhajit, Mukhopadhyay, Siddhartha D. and Hossain Mosaraf Sk (2025). Perception of Climate Change, Extreme Climatic Events and Impact on the Livelihood of Farmers of Sundarbans of West Bengal, India. In (Ed) *Surviving Sundarbans: Tragedy and Hope Edition 1* Chapter 3, B P International, India UK, Pp 35 – 58. ISBN 978-93-48859-73-0.

Khoisnam, N and Mukhopadhyay, S.D. (2016). Level of entrepreneurial behaviour and perception of constraints among women vegetable growers. Published in *Family Farming Challenges and Opportunities*, Edited by B.Mondal, D.Sarkar, S.D. Mukhopadhyay, S.Ghosh, B.C.Roy, S.Chowdhury. Renu Publishers, New Delhi. Pp. 486-492. ISBN: 978-93-85502-22-4.

Subba, R and Mukhopadhyay, S.D. (2016). A study on extent of use of ICT portals by the development officials in disseminating various agricultural information. Published in *Family Farming Challenges and*



*Opportunities*, Edited by B.Mondal, D.Sarkar, S.D. Mukhopadhyay, S.Ghosh, B.C.Roy, S.Chowdhury. Renu Publishers, New Delhi. Pp. 493-501. ISBN: 978-93-85502-22-4.

Kumari, K and Mukhopadhyay, S. D. (2016). Participation of farm women in agro-sectors: A case study in Nalanda district of Bihar. Published in *Family Farming Challenges and Opportunities*, Edited by B.Mondal, D.Sarkar, S.D. Mukhopadhyay, S.Ghosh, B.C.Roy, S.Chowdhury. Renu Publishers, New Delhi. Pp. 502-507. ISBN: 978-93-85502-22-4.

Raj Aarya and Mukhopadhyay, Siddhartha D. (2025). Inculcating Traditional Indian Knowledge into Mainstream Agriculture: A Framework for Rural Transformation. *Accepted for Publication*

### **Training Manual Published**

1. Extension Management and Participatory Extension Methods – Practical Manual.
2. Communication and Information Management in the Context of Entrepreneurship Development – Practical Manual.
3. Behaviour Simulation Methods – Practical Manual
4. Participatory Rural Appraisal for Practitioners – Practical Manual

### **Seminar/Conference Papers**

Mukhopadhyay, S.D. (2013). MGNREGA and Social Change. *National Seminar on Changing Rural Scenario in the New Millennium*. (March, 2013), PCK, V.B.

Mukhopadhyay, S.D. (2013). Reshaping Agricultural education: A concept paper. 5th. *Indian Youth Science Congress* (December, 2013). Visva-Bharati.

Mukhopadhyay, S.D. (2014). Farmers' perception towards integrated nutrient management: A study. *National Seminar on Agriculture and Bio-security in Changing Scenario*. (Feb. 2014). Deptt of ASEPAN, PSB, V.B.

Mukhopadhyay, S.D. (2014). Pesticide application – Contribution to hazards for human health and agro-climatic: A Futuristic approach. *National Seminar on Agriculture and Bio-security in Changing Scenario*. (Feb. 2014). Deptt of ASEPAN, PSB, V.B.

Bar, N and Mukhopadhyay, S.D. (2014). Impact of Krishi Vigyan Kendra on development of the tribal farmers. Paper presented and Abstract published in the Proceedings of *National Seminar on Agriculture and Bio-security in Changing Scenario*. Held at Palli Siksha Bhavana during Feb 01-03, 2014.

Jena, M. Mukhopadhyay, S.D. & Raj, R.K. (2015). Women Self Help Group – Extent of Adoption of Entrepreneurial Activities for Livelihood Development. *Paper presented in the Global Conference on Management of Sustainable Livelihood Systems*, Feb. 14-17, 2015, Bhubaneswar.

Khoisnam, N and Mukhopadhyay, S.D. (2018). Study of knowledge, skill and extent of participation of Self-Help Group members in managing SHGs and income generating activities. *International Journal of Microbiology and Applied Sciences*, ISSN: 2319-7706; Vol. 7. No. 01.

Khoisnam, N., Tripura, B., Bareh, B. and Mukhopadhyay, S.D. (2015). Factors Influencing the Adoption of Rabi Vegetable Crops by the Farmers of Bishnupur District, Manipur. Paper presented and Abstract published in the Proceedings of *International Symposium on Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, held on 5<sup>th</sup> – 7<sup>th</sup> November 2015 at Sikkim University, Gangtok, Sikkim, India.

Khoisnam, N. and Mukhopadhyay, S.D. (2016). Level of Entrepreneurial Behaviour and Perception of Constraints among Women Vegetable Growers. Paper presented and Full paper published in the Proceedings of *National Seminar on “Sustainable Family Farming for Food, Nutrition & Livelihood Security*, held on 5<sup>th</sup> – 6<sup>th</sup> March 2016 at Visva Bharati, Sriniketan, West Bengal.

Subba, R and Mukhopadhyay, S.D. (2016). A study on extent of use of ICT portals by the development officials in disseminating various agricultural information. Paper presented and Full paper published in the Proceedings of *National Seminar on Sustainable Family farming for Food, Nutritional and Livelihood Security*. Held at Palli Siksha Bhavana. March 5-6, 2016.

Kumari, K and Mukhopadhyay, S. D. (2016). Participation of farm women in agro-sectors: A case study in Nalanda district of Bihar. Paper presented and Full paper published in the Proceedings of *National Seminar on Sustainable Family farming for Food, Nutritional and Livelihood Security*. Held at Palli Siksha Bhavana. March 5-6, 2016.

Roy, S. and Mukhopadhyay, S. D. 2017. Understanding the farmers – the gaps, barriers and driving forces for organic farming in India, *Paper presented and Abstract published in the Proceedings of 2<sup>nd</sup> IFOAM Asia Organic Congress* 18-22 May 2017, China: Xichong County. Page6.

Roy, S. and Mukhopadhyay, S. D. 2017. Organic in the eye of consumers in India, *Paper presented and Abstract published in the Proceedings of the Scientific Track of Organic World Congress*, 9-11 November 2017, India: Greater Noida.

Khoisnam, N. and Mukhopadhyay, S.D. (2017). Economic contribution of Agricultural Extension in production and productivity of crops. *Paper presented and Abstract published in the Proceedings of National Seminar on Human Rights and Social Justice* during 126th Birth Anniversary of Bharat Ratna Dr. B. R. Ambedkar on April 13th- 14th, 2017 at Visva-Bharati, Santiniketan.

Mukhopadhyay, S.D. (2018). Extension strategy for enhancing farm income: Some issues (Lead Paper). *Full Paper published in the Proceedings of ISEE National Seminar on Integrated Farming System for Enhancing Farmers’ Income and Nutritional Security*. Held at Kolkata during Dec 05-07, 2018.

Sinha, S.K. and Mukhopadhyay, S.D. (2018). Impact Assessment of Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) in Three District of West Bengal. *Paper presented and Abstract published in the Proceedings of National Seminar on Integrated Farming System for Enhancing Farmers’ Income and Nutritional Security*; December 5 – 7, 2018, Kolkata.

Khoisnam, N. and Mukhopadhyay, S.D. (2018). Self Help Group in India: An effective approach for Socio- Economic and Empowerment of Rural Women. *Paper presented and Abstract published in the Proceedings of the National Conference on Frontier Areas of Research and Applications Using Electron Microscopy*, held on March 16th 2018 at Visva-Bharati, Santiniketan.

Khoisnam, N. and Mukhopadhyay, S.D. (2018). Study of Nature and Extent of Constraints perceived by women SHG members in Imphal West District of Manipur. *Paper presented and Abstract published in the Proceedings of National Seminar on Dr. B.R. Ambedkar and Social Engineering*, held on April 13th – 14th, 2018 at Visva-Bharati, Santiniketan.

Khoisnam, N. and Mukhopadhyay, S.D. (2018). Impact of Self-Help Groups on Socio-Economic Empowerment of Rural Women in Thoubal District, Manipur. *Paper presented and Abstract published in the Proceedings of International Conference on “Advancement in Science & Technology (ICAST)*, held on September 3rd and 4th, 2018 at Visva-Bharati, Santiniketan.

Khoisnam, N. and Mukhopadhyay, S.D. (2018). Knowledge, skill and extent of participation of women members in managing Self-help Groups and income generating activities in Thoubal district of Manipur. *Paper presented and Abstract published in the Proceedings of ISEE National Seminar on Integrated Farming System for Enhancing Farmers’ Income and Nutritional Security*, held on 5th- 7th December, 2018 at West Bengal University of Animal and Fishery Sciences (WBUAFS), Kolkata, West Bengal.

Subba, R. and Mukhopadhyay, S.D. (2018). A study on changes in knowledge, extent of skill and adoption of agricultural technologies by the farmers under ATMA programme in Sikkim. *Abstract published in the Proceedings of International Conference on Agriculture and allied Sciences: The Productivity, Food security and Ecology*. Held at BCKV, WB. during Aug 13-14, 2018.

Subba, R. and Mukhopadhyay, S.D. (2018). Study of socio-economic, socio-personal attributes and constraints as perceived by the farmers under ATMA programme in Sikkim. *Abstract published in the Proceedings of ISEE National Seminar on “Integrated Farming System for Enhancing Farmers’ Income and Nutritional Security*, held on 5th- 7th December, 2018 at West Bengal University of Animal and Fishery Sciences (WBUAFS), Kolkata, West Bengal. Page7

Sinha, S.K. and Mukhopadhyay, S.D. (2019). Resource Created by Participants through Participation in MGNREGS in Three District of West Bengal. *Paper presented and Abstract published in the Proceedings of National Seminar on Sustainable Resource Management for Enhancing Farm Income, Nutritional Security and Livelihood Improvement* at Visva-Bharati (1-3 February, 2019), Sriniketan.

Mohanty Satyabrata and Siddhartha Dev Mukhopadhyay (2023). Agricultural research and extension as a pathway to achieve the SDGs: empirical insights from Indian subcontinent, Paper presented in *National Conference on Next Gen Extension for Evolving Resilient Agro-eco System*, held on September 25-25, 2023, pp 246, Organised by Extension Education Institute, Rajendranagar, Hyderabad.

Sinha, S.K. and Mukhopadhyay, S.D. (2019). Resource Created by Participants through Participation in MGNREGS in Three District of West Bengal. Paper presented and *Abstract published in the Proceedings of National Seminar on Sustainable Resource Management for Enhancing Farm Income, Nutritional Security and Livelihood Improvement* at Visva-Bharati (1-3 February, 2019), Sriniketan.

Shubhi Chaurasia, Mukhopadhyay, S.D., (2023). Construction of knowledge test to assess knowledge level of farmers about conservation agriculture in Indo-Gangetic plains of Uttar Pradesh, *Paper presented in First International Extension Education Congress*, Jaipur, 18-20 dec 2023 (Society of Extension Education).

Senapati Rupashree and Mukhopadhyay Siddharth Dev (2024). Assessment of Climatic Vulnerability of Farm Women in Odisha. Paper presented and Extended Summary Published in Compendium of International Conference on Building Small Holder Climate Resilience for Achieving Sustainable Food Systems, 17-19 September, 2024, Bhubaneswar, Odisha.

Raaj Aaryaa and Mukhopadhyay S.D. (2025). Traditional Indian Knowledge System: Facilitating Rural Transformation, Received Best Paper Award. Paper presented and Abstract Published in *National Seminar cum Farmers' Training Programme on "Role of Traditional Indian Knowledge System (IKS) for Sustainable Mechanization in Rice and Groundnut Crop"*. Held at Visva- Bharati, Santiniketan; 20-23 February, 2025

Raaj Aaryaa and Mukhopadhyay S.D. (2025). Digitalization and Transformation: Connecting the Connection. Paper presented (Awarded 2<sup>nd</sup>. Best Oral Presentation) and Abstract published in *National Seminar on "Extension Education Strategies for Digital Agriculture: Experiences and Sustainable Pathways"* held at OUAT, Bhubaneswar; 20-22 June, 2025.