

Curriculum Vitae

1. Name and Designation

Dr. Bidhan Chandra Roy
HOD and Professor of Agricultural Economics

2. Address

Institute of Agriculture (PSB), Visva Bharati University
Tel: +913463264506 (O); 09476325125 (M)
E-mail: bcroy1969@rediffmail.com

3. Date of Birth

27th January, 1969

4. Areas of research interest

Investment & Subsidy; Livelihood Analysis; Agri-Business Management

5. Academic qualifications

Degree	Year	Subject/Specialization	Name of the University/ Board	%marks/ OGPA	Class	Academic distinction
Ph.D (Ag. Econ)	1994-2001	Agricultural Economics	I.A.R.I., New Delhi	3.98/4.00	First	Gold Medallist; Best student of the year, 2001(I.A.R.I., New Delhi)
M.Sc (Ag. Econ)	1991-1994	Agricultural Economics	G.B.P.U.A.T, Pantnagar	4.97/5.00	First	Department topper
B.Sc (Ag.) Hons.	1987-1991	Agriculture	Visva Bharati, Santiniketan	69 %	First	Fourth rank in Bhavana

6. Academic and Administrative Positions Held

Positions	Period	Name of the University /organization	Nature of responsibility
Head, Dept. of EES	2014 onwards	Visva Bharati University West Bengal	Administration
Professor in Agricultural Economics	2010 onwards	Visva Bharati University West Bengal	Teaching, Research and Extension
Vice-Principal	2010-2012	Visva Bharati University West Bengal	Administration (Students Affair, Examination, XII Plan; NTS).
Associate Professor in Agricultural Economics	2007 -2010	Visva Bharati University West Bengal	Teaching, Research and Extension.
Reader in Agricultural Economics	2005-2007	Visva Bharati University West Bengal	Teaching, Research and Extension.
Scientist (Senior Scale)	2001-2004	Indian Council of Agricultural Research, New Delhi	Policy research and interface with policy planners
Scientist	1997-2000	Indian Council of Agricultural Research, New Delhi	Policy research and interface with policy planners

7. Awards/Fellowships/Peer Recognitions/Others:

- *Best Student of the Year Award* for overall outstanding performance during doctoral programme at IARI, New Delhi
- *Gold medal* for best Ph. D. theses work at 40th Convocation of IARI
- *D. K. Desai Award* by Indian Society of Agricultural Economics for Best Paper Published in 2002
- *International IPM Recognition Award* 2009 from DFID (For AVRDC Project Team)
- *Topper in Agricultural Research Service (Agricultural Economics) in 1994 & 1995*
- *Topper in ICAR-NET in 1994 & 1995*
- *ICAR Senior Research Fellowship* for pursuing Ph.D programme
- *Graduate Research Fellowship* during M.Sc & Jindal Trust Scholarship during B.Sc (Ag.) Hons.
- *Editor*, International Journal of Social Science, New Delhi
- *Vice President*, Downtroddens Development Association (Regn No. S/2L/21656 of 2014-2015)
- *Referee* for 8 Journals (3 International & 5 National)
- *Member*, Advisory Committee, Agro-Economic Research Centre, Visva Bharati (2010-2013)
- *Member*, Admission Co-ordination Cell (VBCAT-2010), Visva Bharati
- *Organised international training programme* (1); *national seminar* (2), *regional seminar* (1), *state level seminar* (1), *panel discussion* (1), *technical session in Youth Congress* (1) and *workshop* (2)
- *UG Course Co-ordinator & In-charge, Computer Laboratory, Palli-Siksha Bhavana* (2006-2011)

8. Summary of life time publications (Till 1.1.2015)

Particulars	Book		Refereed/reviewed journals		Technical Bulletin/ Book Chapter etc		Workshop/Conference/ Seminar Proceedings		TOTAL
	International	National	International	National	International	National	International	National	
Full length	4	1	7	12	2	6	5	15	52
Summary	-	-	4	12	2	2	3	10	33
Miscellaneous	1	2	-	-	4	5	2	5	19
Total	5	3	11	24	8	13	10	30	104

Ten best publications

1. **Roy, B. C.** and Suresh Pal (2002). Investment, Agricultural Productivity and Rural Poverty in India: A State-Level Analysis, *Indian Journal of Agricultural Economics*, 57(4): 653-678
2. **Roy, B. C** and Datta, K. K. (2000). Rice-Wheat System in Haryana: Prioritizing Production Constraints and Implication for Future Research, *Indian Journal of Agricultural Economics*, 55 (4): 671-682.
3. Khatun, Dilruba and **Roy, B. C.** (2012). Determinants and constraints of rural livelihood diversification in West Bengal, *Agricultural Economics Research Review*, January-June 2012 Volume 25 (No. 1), pp.115-124, New Delhi (ISSN 0971-3441).
4. **Roy, B. C.** and Suresh Pal (2001). Incremental Capital-Output Ratio in Indian Agriculture, *Agricultural Economics Research Review*, 14(1): 34-46
5. Baral, K.; **Roy, B.C.**; Rahim, K.M.B.; Chatterjee, H.; Mandal, P.; Mandal, D.; Ghosh, D.; and Talekar, N. S. (2006). Socio-Economic Parameters of Pesticide Use and Assessment of Impact of an IPM Strategy for the Control of Eggplant Fruit and Shoot Borer in West Bengal, India. Pp.1-48, Technical Bulletin No. 37. DFID-AVRDC, Taiwan (ISBN 92-9058-147-6)
6. **B.C.Roy**, G. N. Chattopadhyay and Reyes Tirado (2009). Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food, Greenpeace India, Bangalore, www.greenpeaceindia.org, pp. ii+35.
7. Ghosh, M.; Sarkar, D. and **B. C. Roy** (2014). Diversification of Agriculture in Eastern India, Springer, pp.xxi+239, (ISBN No.: 978-81-322-1996-5)
8. Khatun, Dilruba and **Roy, B. C** (2012). *Rural Livelihood Diversification in West Bengal*, LAP-LAMBERT Academic Publishing, Germany (ISBN 978-3-659-22075-3)
9. Ojha, S. and **Roy, B. C** (2014). *Fruit and Vegetable Processing Industry in West Bengal*, LAP-LAMBERT Academic Publishing, Germany (ISBN 978-3-659-64243-2)
10. Rahim, K. M. B.; Sarkar, D and **B. C. Roy** (2011). *Sustainable Agriculture and Environment*. pp. 422 New Delhi Publishers, New Delhi (ISBN No; 978-93-81274-12-5)

9a. International research collaborations during last 10 years:

- a. Decision Support System for Vulnerability Assessment in Agriculture (**as Co-PI**)
Collaboration : Stockholm Environment Institute, London
Sponsor : United Nations Environment Programme
Budget : US\$ 1.77 million
- b. Implementation and Promotion of IPM technology for the control of eggplant fruit and shoot borer in Indo-Gangetic Plains of South Asia (**as Co-researcher for socio-economic module**)
Collaboration : Asian Vegetable Research and Development Centre, Taiwan
Sponsor : DFID-Asian Vegetable Research and Development Centre, Taiwan
Budget : (Rs. 9,50,000/- All expenditures reimbursed in actual for this module)
- c. Fertilizers Subsidies in India: Impact on Sustainable Agriculture and Food Security (**as PI**)
Collaboration : University of Exeter, United Kingdom
Sponsor : Green Peace
Budget : Rs. 1,52,062

9b. Other Major Research Projects (Externally sponsored) during last 7 years:

- State Budgetary Resources and Agricultural Development (PI: Min. of Agriculture-AERC: Rs. 16,66,885/-)
- Evaluation Study of On-going Scheme "Strengthening and Modernization of Pest Management Approach in India (Co-PI: Directorate of PPQ&S, Govt of India, Rs 19,77,000/-)
- Water Quality Assessment of Coal Bed Water for Providing Irrigation to Agriculture (Co-PI: ESSAR Oil : Rs. 2,77,200/-)
- Water-Food Security Scenario Analysis for 2025: Agro-ecological Regional Approach (Co-PI: ICAR/NATP: Rs. 9,00,000/-)
- Analysis of productivity changes and future sources of growth for sustainable rice-wheat system in Indo-Gangetic plains of India (Co-PI: World Bank/NATP: Rs. 14,00,000/-)

10. Major contribution to teaching, research, extension & university administration:

Teaching

Activities involved are Course Development; Student Guidance; Regular Class & Extra Classes beyond official hours. Teaching is my USP and I enjoy it most. *Teaching philosophy*: Practice-Preparedness-Up to date-Inclusion – Interactive Involvement.

- Developed and revised all the UG courses in Agricultural Economics, Agri-Business Management & Computer Application (in 2006 and again in 2010)
- Developed two module for Experiential Learning in 2010 (Agribusiness Management Module & Social Science Module)
- Developed Ph. D. Courses in Agricultural Economics (2009) & Minor Courses for M. Sc. (Ag). In 2009
- Established two Computer Laboratory in Palli-Siksha Bhavana (with funding support from ICAR & active guidance from the then Principals Prof. K. M. B. Rahim & Prof. N. C. Mondal) ; Also undertaken Computer Application Courses till 2011
- Guided ten Ph. D. research scholars (3+6+1) & ten M. Sc. (Ag) students
- Served as Adjunct Faculty, VBCMS, Visva Bharati (2005-2007)
- Course writer for IGNOU (MBA Course on ABM) & Question Setter for ARS/NET (ASRB-ICAR)
- Regularly taking free coaching classes for ICAR-JRF & NET since 1995.

Research

In all my research studies I have tried to assess the impact of different developmental, policy and research interventions on rural peoples or rural livelihoods.

- For the first time in India, developed a state wise time series data on private investment in agriculture & estimated state-wise and FYP-wise ICOR for Agriculture Sector in India
- Developed a new series on public investment in agriculture with wider coverage as compared to the existing narrow series developed by the CSO. The new series was used by Planning Commission (X Plan) and in Millennium Development Goal (MDG) by IFPRI, Washington. The work was recognised by the Planning Commission; Indian Agricultural Research Institute (ICAR), New Delhi and Indian Society of Agricultural Economics (ISAE), Mumbai in terms of awards and felicitations.
- The author has also developed an interactive policy dialog model (based on PODIUM model of IWMI, Colombo) to assess the water and food security scenarios at agro-ecological region level in India.
- The recommendation on Nutrient Based Fertilizer Subsidy was accepted by Ministry of Finance, Govt of India in 2010
- The IPM study received International IPM Recognition Award from DFID in 2009

Extension/Outreach

- Actively involved in RAWE Programme (Course Leader for RAWE04 Course)
- Promoting Group Theatre culture among children in Bolpur-Santiniketan Area (Through AMRA SABUJ Natyadal)
- Promoting Environmental Awareness among school students (Through RN Tagore Research Society)
- Providing training & skill development lectures to farmers & policy planners (Through Dept of Ag,GoWB; RKVK; STL; Elmhirst Institute, etc)
- Regularly taking part in Krishi Darsan (Doordarshan); Kissanbani & Krishi Kathar Asar (AIR) : 3-4 per year.
- Organised International & National Seminar, Workshop & Panel Discussion on Emerging issues in Agriculture as organizing Secretary

Administration:

- Serving as Head, Department of EES (Since Dec., 2014), Served as Vice Principal (2010-12); UG Course Coordinator (2006-2011); In-charge-Computer Lab (2007-2011)
- As Under Graduate Course Coordinator & Joint Convenor, started Course Credit & Semester System in Palli-Siksha Bhavana in 2006 & again revised the syllabus & ordinance in 2010 (with active support from the then Principal Prof. Kazi M. B. Rahim & Prof. G. C. De).
- Compiled PSB Vision 2025 document (in 2006); XII Plan document (2012); A Profile of PSB (2012)
- Serving as University Tabulator since 2007-08.

No. of Ph. D. Scholar = 10 (Degree Awarded= 3; Submitted = 1; Continuing = 6)

Google Scholar Citation Index = 122 (h-index=6; i-10 index=3)

*List of publications

A. Book

1. **B.C.Roy**, G. N. Chattopadhyay and Reyes Tirado (2009). Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food, Greenpeace India, Bangalore, www.greenpeaceindia.org, pp. ii+35.
2. Ghosh, M.; Sarkar, D. and **B. C. Roy** (2014). Diversification of Agriculture in Eastern India, Springer, pp.xxi+239, (ISBN No.: 978-81-322-1996-5)
3. Baral, K.; **Roy, B.C.**; Rahim, K.M.B.; Chatterjee, H.; Mandal, P.; Mandal, D.; Ghosh, D.; and Talekar, N. S. (2006). Socio-Economic Parameters of Pesticide Use and Assessment of Impact of an IPM Strategy for the Control of Eggplant Fruit and Shoot Borer in West Bengal, India. Pp.1-48, Technical Bulletin No. 37. DFID-AVRDC, Taiwan (ISBN 92-9058-147-6)
4. Khatun, Dilruba and **Roy, B. C** (2012). *Rural Livelihood Diversification in West Bengal*, LAP-LAMBERT Academic Publishing, Germany (ISBN 978-3-659-22075-3)
5. Ojha, S. and **Roy, B. C** (2014). *Fruit and Vegetable Processing Industry in West Bengal*, LAP-LAMBERT Academic Publishing, Germany (ISBN 978-3-659-64243-2)
6. Rahim, K. M. B.; Sarkar, D and **B. C. Roy** (2011). *Sustainable Agriculture and Environment*. pp. 422 New Delhi Publishers, New Delhi (ISBN No; 978-93-81274-12-5)

B. Refereed/Reviewed journal (Only Full length)

1. **Roy, B. C.** and Suresh Pal (2002). Investment, Agricultural Productivity and Rural Poverty in India: A State-Level Analysis, *Indian Journal of Agricultural Economics*, 57(4): 653-678
2. **Roy, B. C** and Datta, K. K. (2000). Rice-Wheat System in Haryana: Prioritizing Production Constraints and Implication for Future Research, *Indian Journal of Agricultural Economics*, 55 (4): 671-682.
3. Khatun, Dilruba and **Roy, B. C.** (2012). Determinants and constraints of rural livelihood diversification in West Bengal, *Agricultural Economics Research Review*, January-June 2012 Volume 25 (No. 1), pp.115-124, New Delhi (ISSN 0971-3441).
4. Khatun, Dilruba and **Roy, B. C.** (2013). Impact of Rural Livelihood Diversification on Livelihood Security in West Bengal, *Economics Affair*, July-September Volume 58 (No 3), pp-183-193, New Delhi (ISSN 0424-2513).
5. Chowdhury, S. and **Roy, B. C.** (2015). Rating Micro-Finance Institutions Operating in India: An Application of Fuzzy Analytical Hierarchical Process (FAHP), *Economics Affair*, July-September Volume 59 (No 3), New Delhi (ISSN 0424-2513).
6. **Roy, B. C.** and D. Sarkar (2013). State Budgetary Resources and Agricultural Development in West Bengal, *Economic Affairs*, Vol. 58, No. 4, pp-383-394 (ISSN 0424-2513).
7. **Roy, B. C.** and Suresh Pal (2001). Agricultural Investment, Productivity Growth and Rural Poverty in India, *Afro-Asian Journal of Rural Development*, 34(2): 81-93
8. **Roy, B. C.** and Suresh Pal (2001). Incremental Capital-Output Ratio in Indian Agriculture, *Agricultural Economics Research Review*, 14(1): 34-46
9. Datta, K.K.; C. de. Jong; **B. C. Roy** and S. B. Singh (2004). Socio-economic Impacts of Agricultural Land Drainage- A Study from North West India, In: *Impacts of Agricultural Technology on Growth, Equity and Sustainability of Natural Resources*, *Agricultural Economics Research Review*, 17(Conf. No. 2004), pp.91-106.

10. Mandal, D.; Ghosh, D.; Baral, K.; **Roy, B.C.** and Talekar, N.S. (2008). *Impact of IPM Strategy for Control of Brinjal Fruit and Shoot Borer, Leucinodes orbonalis (Guenee)*, Annals of Plant Protection Sciences; Volume : 16, Issue : 2.
11. **Roy, B. C.** (2010). Role of Fruit and Vegetable Processing in Agricultural Development in India, *Green Technology*, Volume 9, pp-71-77, Jadavpur University (ISSN 0973-2624).
12. **Roy, B. C.** and R. L. Shiyani (2000). Rainfed Groundnut in India: Prioritizing Production Constraints and Implication for Future Research, *The Bangladesh Journal of Agricultural Economics*, 23(1&2): 19-34
13. **Roy, B. C.**; Bhogal, T.S. and Singh, L. R. (2000). Tenancy and Adoption of New Farm Technology: A Study in West Bengal, India, *Afro-Asian Journal of Rural Development*, 33(1): 79-90.
14. **Roy, B. C.**; Shiyani, R. L. and Kalyan Ganguly (2002). Dairying in Rainfed Groundnut based Production System: Prioritizing Production Constraints and Implication for Future Research, In: *Livestock Sector in Different Farming System, Agricultural Economics Research Review*, pp.133-144.
15. **Roy, B. C.**; Saxena, Raka; and Singh, N. P.; Datta, K. K. (2000). Dairying in Haryana: Prioritizing Production Constraints and Implication for Future Research, In: *Constraints and Opportunities for Agricultural and Rural Development in Different Agro-Ecological Region, Agricultural Economics Research Review*, pp.118-125.
16. **Roy, B. C.** (1997). Growth and Prospect of Fruit and Vegetable Processing Industry in India, *Bihar Journal of Agricultural Marketing*, 5(3): 356-365.
17. **Roy, B. C.** (2001). Investment and Productivity in Indian Agriculture, Abstracts of Ph.D. Theses, *Agricultural Economics Research Review*, 14(2): 170-71
18. Pawar, J. R. and **Roy, B. C.** (1998). Agriculture-Industry Interface in the Changing Economic Environment: Rapporteurs' report on key note papers, In Ramesh Chand and V.C.Mathur (eds) *Agriculture Industry Interface-Conference Proceedings*, Agricultural Economics Research Association, New Delhi, pp.19-23.

C. Edited volumes, Book chapters, etc

1. **B.C.Roy** and Suresh Pal (2006). Investment, Agricultural Productivity and Rural Poverty in India: A State-Level Analysis, In: N. A. Mujumdar and Uma Kapila (Eds) *Indian Agriculture in the New Millennium: Changing Perceptions and Development Policy, Volume I*, Academic Foundation, New Delhi, pp. 398. (ISBN 81-7188-513-6)
2. **B. C. Roy, V. Datta and F. H. Khan (2011)**. State Budgetary Resources and Agricultural Development in West Bengal, Paper accepted by the Ministry of Agriculture, Government of India for publication in their annual volumes.
3. **S. Selvarajan, B C Roy and N. Suresh. (Eds).** (2004) *Resource Analysis for Sustaining Water Food Security*: Proceedings of the Planning Workshop organised under National Agricultural Technology Project; *Proceedings 12, National Centre for Agricultural Economics and Policy Research*, New Delhi, India, pp. 215+xvi.
4. Selvarajan, S. and **B. C. Roy** (2004). Equity Impact of Irrigation Development in India, *Policy Brief 19, National Centre for Agricultural Economics and Policy Research*, New Delhi, India.
5. **B. C. Roy** (2014). *Agri-Business Potential in India with Special Reference to Fruit and Vegetable Processing Industry in Eastern and North-Eastern States*, In: Ram Singh, Dibakar Naik and S. M. Feroze (Eds.) *Agri-Business Potential in India: Experiences from Hill States*, EPH Publishers (India), 2014: pp. 81-106, (ISBN: 9789383252213)

6. Dilruba Khatun and **B. C. Roy (2014)** Crop Diversification in West Bengal: Nature and Constraints; In: Ghosh, M.; Sarkar, D. and **B. C. Roy** (Eds). *Diversification of Agriculture in Eastern India*, Springer, pp.141-155 (ISBN No.: 978-81-322-1996-5)
7. **Roy, B. C.** (2012). *Emerging Issues of Managing Agri-Business in India*, In: Rahim, K. M. B.; Sarkar, D and B. C. Roy (Eds) *Sustainable Agriculture and Environment*. Pp.119-142, New Delhi Publishers, New Delhi (ISBN No; 978-93-81274-12-5)
8. Khatun, D. and **Roy, B. C.** (2012). *Vulnerability of Rural Livelihoods: Some insights from West Bengal*, In: Rahim, K. M. B.; Sarkar, D and B. C. Roy (Eds) *Sustainable Agriculture and Environment*. Pp.211-222, New Delhi Publishers, New Delhi (ISBN No; 978-93-81274-12-5)
9. **B.C.Roy** and G. N. Chattopadhyay (2009). Patterns of synthetic fertilizer subsidies and their impact on overuse and imbalance use, In: B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (Eds) *Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food*, Grrenpeace India, Bangalore, www.greenpeaceindia.org, pp. 5-12.
10. **B.C.Roy**, G. N. Chattopadhyay and Reyes Tirado (2009). Impacts of Long-term synthetic fertiliser use on food productivity and soil degradation, In: B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (Eds) *Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food*, Grrenpeace India, Bangalore, www.greenpeaceindia.org, pp. 13-14.
11. **B.C.Roy**, G. N. Chattopadhyay and Reyes Tirado (2009). Solutions to the soil degradation and stagnation of food productivity, In: B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (Eds) *Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food*, Grrenpeace India, Bangalore, www.greenpeaceindia.org, pp. 20-35.
12. B.C.Roy (2009). *Sugar Economy in India*. In: D. Dasgupta (Ed) *Sugarcane Development: Technological Interface between Tradition and Modernity*, AGRIBIOS, INDIA, pp..249-266.
13. **Roy, B. C.** (2010). Problems and Prospects of Fruit and Vegetable Processing in India, In: K. K.Bagchi (Ed.) *Promoting Horticulture in India: Challenges and Strategies*, Abhijeet Publication, Delhi, pp xi+362 (ISBN 9789380031743).
14. Sabyasachi Ojha and **B. C. Roy** (2014). *Problems and Prospects of Fruit and Vegetable Processing in West Bengal*, In: Ram Singh, Dibakar Naik and S. M. Feroze (Eds.) *Agri-Business Potential in India: Experiences from Hill States*, EPH Publishers (India), 2014: pp. 471-492, (ISBN: 9789383252213).
15. **B.C.Roy** (2008). Unit-4: Policy Implementation Monitoring and Evaluation, In : MNR-002: *Agricultural Policy: Formulations, Components, Implementation and Comparative Analysis Block 2: Policy in Action*), Indira Gandhi National Open University, New Delhi, pp. 5-26.
16. **B.C.Roy** (2008). Unit-7: Governance and Policy, In : MNR-002: *Agricultural Policy: Formulations, Components, Implementation and Comparative Analysis (Block-2: Policy in Action)*, Indira Gandhi National Open University, New Delhi, pp. 58-76.
17. **B.C.Roy** (2008). Unit-12: Investment Policies in Agriculture, In : MNR-002: *Agricultural Policy: Formulations, Components, Implementation and Comparative Analysis (Block 3: Review of Agricultural Policies)*, Indira Gandhi National Open University, New Delhi, pp. 83-102.
18. **B. C. Roy**, S. Selvarajan and Chinmayee Mohanty (2004). Vulnerability and Adaptation to Climate Change in Orissa: A Livelihood Analysis, *Working Paper 6, National Centre for Agricultural Economics and Policy Research*, New Delhi, India, pp. 29+ii
19. **Roy, B. C.**; S. Selvarajan and B. Natesh (2004). Methodological Issues in Future Water Food Security Analysis, In S. Selvarajan, B C Roy and N. Suresh (Eds) *Resource Analysis for Sustaining Water Food Security: Proceedings of the Planning Workshop organised under National Agricultural Technology Project*; Proceedings 12, pp. 191-206, *National Centre for Agricultural Economics and Policy Research*, New Delhi, India.

20. S. Selvarajan and **B. C. Roy** (2004). Water-Food Security Scenario Analysis: AER Approach, In S. Selvarajan, B C Roy and N. Suresh (Eds) *Resource Analysis for Sustaining Water Food Security: Proceedings of the Planning Workshop organised under National Agricultural Technology Project; Proceedings 12*, pp. 1-16, *National Centre for Agricultural Economics and Policy Research*, New Delhi, India.
21. Joshi, P. K.; Tewari, L. and **Roy, B. C.** (2002). Measuring Sustainability of Rice-Wheat Based Cropping System. In S.S.Acharya, Surjit Singh and Vidya Sagar (Eds.) *Sustainable Agricultural, Poverty and Food Security: Agenda for Asian economies*, Vol II, Pp. 831-47, Rawat Publications, Jaipur and New Delhi.
22. S. Selvarajan and **B. C. Roy** (2004). Sustainability of Water Resources in North-West India: Current scenarios and future options, In: I. P. Abrol (Ed) *Sustainable Use of Ground Water in North West India, Sir Ratan Tata Trust and Centre for Advancement of Sustainable Agriculture*, New Delhi, India (In Press).

D. Workshop conference seminar proceedings etc (Published)

1. Majee, Utpal; G.N. Chattopadhyay; **B. C. Roy**; Shibani Chaudhury and Shashank Sheker (2012). *Possibility of Using Some Amendments in Mitigating the Adverse Effects of Coal Bed Water on Soil Environment*, Paper published and presented in the International Conference on Nuclear Energy, Environmental and Biological Sciences (ICNEEBs 2012), September 8-9, 2012, Bangkok (Thailand). Pp.-68-70, ISSN-9789382242079
2. **B.C.Roy** (2011). Agri-business Management and Institutions, Key note address and paper presented in the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” held at Agro-Economic Research Centre, Visva Bharati during 22-23rd March, 2011 at Santiniketan, West Bengal, India.
3. **B.C.Roy** (2011). Vulnerability of Rural Livelihoods: Some Issues and Experiences, Lead paper presented in the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” held at Agro-Economic Research Centre, Visva Bharati during 22-23rd March, 2011 at Santiniketan, West Bengal, India.
4. Dilruba Khatun and **B.C.Roy** (2011). Vulnerability of Rural Livelihoods: Some Insights from West Bengal, Paper presented in the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” held at Agro-Economic Research Centre, Visva Bharati during 22-23rd March, 2011 at Santiniketan, West Bengal, India.
5. **Roy, B. C.** and Ojha, Sabyasachi (2012). Diversification of Agriculture in West Bengal: A Case for Promotion of Fruit and Vegetable Processing Industry, Paper presented in the Regional Seminar on “Diversification of Agriculture in Eastern India” to be held at Agro-Economic Research Centre, Visva Bharati during 23-25 March, 2012 in collaboration with Indian Society of Agricultural Economics, Mumbai.
6. Khatun, Dilruba and **Roy, B. C.** (2012). Nature and Constraints to Diversification of Agriculture in West Bengal, Paper presented in the Regional Seminar on “Diversification of Agriculture in Eastern India” to be held at Agro-Economic Research Centre, Visva Bharati during 23-25 March, 2012 in collaboration with Indian Society of Agricultural Economics, Mumbai.
7. **Roy, B. C.** (2011). Rainfed Agriculture and Crop Diversification, Paper presented in the Training Workshop on Diversified Cropping Programme under Dryland/ Rainfed Condition held on 28.06.2011 jointly organized by Agro-Economic Research Centre, Visva Bharati and Directorate of Agriculture, GoWB
8. Sabyasachi Ojha and **B. C. Roy** (2013). Policy Impact on Fruit and Vegetable Processing Sector in West Bengal, Paper presented in the 5th Indian Youth Science Congress (6-9 December, 2013) organized by Visva-Bharati and M S Swaminathan Research Foundation

9. S. Ojha and **B.C.Roy** (2011). Problems and Prospects of Fruit and Vegetable Processing in West Bengal, Paper presented in the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” held at Agro-Economic Research Centre, Visva Bharati during 22-23rd March, 2011 at Santiniketan, West Bengal, India.
10. **B.C.Roy** (2011). Economic Aspects of Entrepreneurship Development in Vermicomposting, Lecture delivered in the State Level Training Programme on Vermicomposting organized KVIC and Soil Testing Laboratories, Visva Bharati on March 25-26th, 2011 at Sriniketan, West Bengal, India.
11. **Roy, B. C.** and Khatun, D. (2011). *Sustainable Agricultural Development*, Rapporteurs Report on Technical Session II of the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” , Proceedings, pp.100-102, Agro-Economic Research Centre, Visva Bharati.
12. **Roy, B. C.** and Ojha, S. (2011). *Agri-business Management and Institutions*, Rapporteurs Report on Technical Session III of the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” , Proceedings, pp.103-105, Agro-Economic Research Centre, Visva Bharati.
13. **Roy, B. C.** and Biswas, R. K. (2011). *Natural Resource and Environment Management*, Rapporteurs Report on Technical Session IV of the National Seminar on “Agricultural Strategies Vis-à-vis Environment : Vision 2025” , Proceedings, pp.106-108, Agro-Economic Research Centre, Visva Bharati.
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1. Structural Improvements, Technology Adoption and Resource Use Efficiency Under Different Tenurial Arrangements in Burdwan Districts of West Bengal (M.Sc.(Ag.) 1994)
2. Investment and Productivity in Indian Agriculture (Ph. D. thesis work :awarded best student research award of the year, 2001 by I.A.R.I, New Delhi)

Thesis by my Ph. D. Scholars:

1. Rural Livelihood Diversification in West Bengal: Determinants, Constraints and Impact on Household Livelihood Security, by Dilruba Khatun (Awarded: 2010)
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