

Ritendra Roy, PhD

Assistant Professor

Postgraduate Department of Education
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Research Interest: Science Education, Pedagogy of Teaching Science, Teacher Education, Educational Policy, Rabindranath Thakur's Educational Philosophy

Education

Degree	College / University/ Institute	Subject	Year of Passing	Division
PhD	Visva Bharati	Science Education	2021	-
M.A.	NSOU	Education	2021	1 st
M.Ed.	RIE (NCERT) Bhubaneswar under Utkal University	Education	2013	1 st
B.Ed.	Visva Bharati	Education	2011	1 st
M.Sc.	Visva Bharati	Chemistry	2008	1 st
B.Sc.	Visva Bharati	Chemistry (Hons) Physics, Math. (pass)	2006	1 st
Qualified NET (Education) with JRF on 2013				
Qualified GATE (Chemistry) on 2011				

Thesis/Dissertation Details:

PhD Thesis: "*Curriculum Expectations and Science Education in West Bengal*" submitted in September 2019 and defended in January 2021 under the guidance of Prof. Asheesh Srivastava.

Research Experience

Institute	Position held	Date of Joining	Date of Leaving
Department of Education, Visva Bharati	Junior Research Fellow	9 th September, 2014	31 st August 2015

Teaching Experience: 10+ years in B.Ed. Course and 4+ years in M.A. Education course

Institute	Position held	Date of Joining	Date of Leaving
St. Xavier's College (Autonomous), Kolkata	Assistant Professor	1 st September 2015	Continuing

Publication in Journal

1. **Roy, R.** & Mohalik, R. (2012). Teaching Effectiveness of Teacher as Perceived by Students at Secondary Level in Birbhum District, West Bengal. *ShodhaSamiksha*, Vol-2(2), P:1-11, ISSN NO: 2249-5045
2. **Roy, R.** (2015). Higher Education in India: Challenges and Remedial measures. *Scholarly Research Journal for Interdisciplinary studies* vol 3/18, ISSN NO:2278-8808 (E), 2319-4766 (P)
3. **Roy, R.** (2015). Tagore's Approach on Rural Reconstruction. *Adroit*, Vol. 1, No.4, ISSN NO: 2349-6274
4. **Roy, R.** & Roy, S. (2015). Pedagogical Content Knowledge: An Emerging Issue in Preparing Teachers. *Scholarly Research Journal for Interdisciplinary studies*. Vol 3/19, ISSN NO: 2278-8808 (E), 2319-4766 (P)
5. **Roy, R.** (2016). Historical Research: An Overview. *Magis-Xaverian Journal of Education*, Department of Education, St. Xavier's College (Autonomous), Vol. 5, ISSN NO: 2319-3239
6. **Roy, R.** & Srivastava, A. (2018). Tagore's Idea on Science Education and its significance with reference to National Curriculum Framework 2005. *Education India Journal: A Quarterly Refereed Journal of Dialogues on Education*. Vol- 7, issue-4, ISSN NO: 2278-2435 (E)
7. **Roy, R.** (2019). Role of Santiniketan Sishutirtha on the Holistic Development of Orphans and Other Backward Children. *Magis-Xaverian Journal of Education*, Department of Education, St. Xavier's College (Autonomous), Vol. 8, ISSN NO: 2319-3239
8. **Roy, R.** & Srivastava, A. (2019). Identification of the Curriculum Expectations of Physical Science Curriculum of West Bengal Board of Secondary Education. *Scholarly Research Journal for Interdisciplinary studies*: vol-6/50, ISSN NO: 2278-8808 (E) 2319-4766 (P)
9. **Roy, R.** & Srivastava, A. (2018). Paradigm shift in Pedagogy: need of the hour to achieve the Curriculum Expectation in Science Education. *The Signage* Vol. 6, ISSN NO:2321 – 6530(P), 2455 – 0051(E)
10. **Roy, R.** & Srivastava, A. (2021). Examination of inside and outside classroom practices for achieving Physical Science Curriculum Expectations at Secondary level in West Bengal, India. *Education India Journal: A Quarterly Refereed Journal of Dialogues on Education* Vol. 10, Issue-2, ISSN NO: 2278-2435
11. Sarkar, S., **Roy, R.**, Neyaz, R., (2024). Women's Perception of the Effects of Higher Education. *The Social Science Review a Multidisciplinary Journal*. Vol.2 (3). ISSN: 2584-0789(Peer reviewed Refereed Open access)
12. Thakur, N., **Roy, R.**, Ghosh, A., & Molla, S. (2024). Beyond Belief: A Scientific Inquiry into the Myths and Looms of Hindu Rituals. *Educational Administration: Theory and Practice*, 30(5), 5670-5681. Doi:<https://doi.org/10.53555/kuey.v30i5.3393>

Conference Presentation

- National Level Seminar titled “*The Legacy of Radhakrishnan: Representing India in the New Global Order*” organized by VinayaBhavana (Institute of Education), VisvaBharati on 05 & 06 September, 2013; Title of the paper presented was “Views of Tagore and Radhakrishnan on Rural Reconstructions”
- National Level Seminar titled “*Higher Education in India: Problems and Challenges*” organized by BalurghatB.Ed College on 27 and 28 September, 2014; Title of the paper presented was “Higher Education in India: Challenges and Possible Remedial”
- National Level Seminar titled “*Prospects and Challenges of Teacher Education in India*” organized by SiliguriB.Ed. College, West Bengal on 19th & 20th May, 2015; Title of the paper presented was “Pedagogical Content Knowledge: An Emerging Issue in Preparing Teachers”
- National Level Seminar titled “*Quality Assurance in Education*” organized by Education College, West Bengal on 13th and 14th June, 2015; Title of the paper presented was “Open and Distance Education in India: Advantages and Obstacles towards Quality”
- National Level Seminar on “*Pedagogy and the Classroom Instruction: A Practical Education Planning in Teaching Technology*” organised by Raiganj B.Ed. College, Uttar Dinajpur, West Bengal on 24th June, 2017; Title of the paper presented was “Paradigm shift in Pedagogy: Need of the hour to achieve the Curriculum Expectation in Science Education”
- International Level Seminar on “Rabindranath Tagore: Society, Culture and Education” organised by Plassey College and Department of Education, University of Kalyani, West Bengal on 28th April, 2018; Title of the paper presented was “Tagore’s Idea of Science Education with special reference to National Curriculum Framework 2005”
- International Level Seminar on “Higher Education in the Present Context: Role of Library and Teaching aids” organised by Netaji Subhas Open University (Date: 30-31 March, 2018); Title of the Paper presented was “Role of the Teacher Educator in the present era and e-learning resources”
- International Level Seminar on “Rural Development in India: Contemporary Reflection” organised by Rabindra Bharati University (Date: 26-27 April, 2018); Title of the paper: Tagore’s Rural Reconstruction Approach and its relevance in present day society”
- 2nd Global Summit on Education organised by GEIST International Foundation and Adamas University (6-7th December, 2019): Title of the Paper: Nurturing Creativity of School Students
- International Level Seminar on Dynamics of Teacher Education across the Globe: with reference to India (date: 28th-29th February, 2020) organised by Rajendra Academy for Teachers' Education: Title of the Paper: Preparing Teacher Educator for 21st century: an Introspection with reference to India
- Presented a paper entitled “Recommendations of New Education Policy 2020 on Teacher Education: Prospects and Challenges Ahead” in a National Seminar on

“Teacher Education in the context of National Education Policy-2020” held on 25th February 2023 organised by Gangarampur B.Ed. College

- Presented a paper entitled “Enhancing Teacher Professional Development: Implications of the National Education Policy (NEP) 2020” in a National Seminar on Teacher Education at the Crossroads in the context of NEP-2020, held at Government College of Education, Burdwan on 3rd April 2024.

Book Chapter

- **Roy, R.** (2015). Development of Science Education in India: Introspection. In Jena, R. K. (Ed.). Modern Trends in Education. APH Publishing Corporation, New Delhi, India. ISBN: 978-93-313-2596-9
- Mohalik, R & **Roy, R.** (2015). Academic Leadership in School Education. In Panigrahi, M. R. (Ed.). Educational Leadership and Management. Renu Publishers, New Delhi, India. ISBN: 978-81-930379-7-9
- **Roy, R.** (2016). Open and Distance Education in India: Advantages and Obstacles towards Quality. In Laskar, J. H. (Ed.). Quality Assurance in Education. Harshwardhan Publication Pvt. Ltd., Maharashtra, India. ISBN: 978-93-85882-12-8
- **Roy, R.** (2019). Concept of Sustainable Development and Education for Sustainable Development. In Lahiri, S. (Ed.). Environmental Education. Studera Press: Delhi, India. ISBN: 978-9385883699
- **Roy, R.** (2021). Writing Research Proposal on Qualitative and Quantitative Research. In Bairagya, S. S. and Jayanta, M. (Eds.). At outline of Educational Research. Red ‘shine Publication – UK. ISBN: 978-1-257-00505-5
- **Roy, R.** (2023). Observation as an approach of Teaching-Learning Physical Science with special reference to Gurudev Rabindra Nath Tagore’s Educational Philosophy. In Laskar, J. H., Khatoon, R. & Sarkar, C (Eds.). Education in Resurgent India (pp. 40-52). Lulu Publication: United State. ISBN: 978-1-312-71160-0
- **Roy, R.** (2023). Micro-Teaching in Physical Science. In Kar, S. (Ed.). P Sc Talks. (pp. 34-38). Ramakrisna Mission Sikshanamandira. ISBN: 978-93-95666-18-3

Seminar Proceedings

Sen Chowdhury, M. and Roy, R. (2022). *Reforming Teacher Education in India: an analysis of NEP 2020*. Proceedings of National Seminar on Emerging Trends of Education in Resurgent India: Prospects and Challenges in the light of NPE-2020, 96-107. ISBN No: 9788890660336

Resource Person

- 1) Acted as a resource person and conducted one hour session on ‘Observation as an approach of Teaching-Learning Physical Science with special reference to Gurudev Rabindra Nath Tagore’s Philosophy’ held on 22nd September 2020 organised by Department of Education, Sambalpur University on online mode.
- 2) Acted as a resource person and conducted a Session on 'Role of Vidyasagar in establishment and development of Bengali medium school' held on 24th September 2019 organized by Belegghata Santi Sangha Vidyayatan for Boys (H.S.), Kolkata.
- 3) Acted as resource person and conducted a Technical Session on 'Micro Teaching in Physical Science' held on 22nd September 2022 organised by Ramakrishna Mission Sikshanamandira, Belur Math, Howrah.
- 4) Acted a resource person in an online seminar on “Review of students’ Welfare Schemes in Current Socio-economic and Employment Perspectives” held on 7th January 2023 organized by Balurghat B.Ed. College.
- 5) Co-chaired a technical session in International Conference on Reimagining Teacher-Student Relations in the Context of Indian Knowledge Traditions: Exploring Ancient Wisdom for Contemporary Education held on 21st July, 2024 organised by Education India Research Foundation in collaboration with Bhartiya Siksha Shodh Sansthan, Lucknow.
- 6) Acted as a resource person and delivered a talk on ‘B.Ed. as a career path’ at Department of English, St. Xavier's University, Kolkata on 23rd August, 2024.
- 7) Delivered and recorded seven lectures for SWAYAMPRAKASH Channel 14 organized and coordinated by Netaji Subhas Open University (27th November to 5th February 2025)
- 8) Acted as a resource person in a National Seminar on Reforming Minds: NEP 2020 and the Future of Higher Education" dated 14th & 15th February 2025 organized by Govt. Women's College, Baripada, Odisha.

Dissertation Guide

Guided 8 students of M.A. Education