

# CHANDAN ADHIKARY

M.Sc., M.A., M.Ed., PhD. (Chemistry), PhD. (Education)

## Professor

Department of Education

The University of Burdwan

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## EXPERIENCE

### Professor

The University of Burdwan

01/08/2023 - Present

### Associate Professor

The University of Burdwan

31/07/2020 – 31/07/2023

### Associate Professor (WBES)

Institute of Education (P.G) For Women, Chandernagore

12/07/2019 – 30/07/2020

### Assistant Professor in Chemistry (WBES)

Institute of Education (P.G) For Women, Chandernagore

08/04/2015- 11/07/2019

### Assistant Professor in Chemistry (WBES)

Government College of Education,  
Burdwan

12/07/2007 - 07/04/2015

Ex-Guest Lecturer, Department of Education,  
Kazi Nazrul University, Asansol

Academic Counselor of PG studies in Education  
(Raj College Centre), NSOU, Kolkata

Academic Counsellor, B.Ed., CODE, Burdwan  
University

Ex-Coordinator & Academic Counsellor, IGNOU,  
Govt. Training College, Hooghly

Ex-Coordinator & Academic Counsellor, B.Ed.  
(ODL), NSOU, Govt. College of Education,  
Burdwan Study Centre

Ex- Academic Counsellor, Primary ODL,  
West Bengal, Govt. College of Education,  
Burdwan Study Centre

Ex-Coordinator & Academic Counsellor,  
Primary ODL, West Bengal, Institute of Education  
(P.G) For Women, Chandernagore, Hooghly

## SUMMARY

An experienced professor with specialization in Education and Chemistry, recognized for a strong research background and scholarly contributions. The academic work emphasizes innovative teaching methodologies and pedagogical practices, with extensive supervision of Ph.D. scholars and numerous publications. Actively involved in teaching, with a deep commitment to advancing educational practices and enriching science education.

## EDUCATION

### Ph.D. in Education

The University of Burdwan

Title of the Thesis: 'Development of Some  
Improvised and Sustainable Teaching Learning  
Modules in Chemistry and to Study their  
Pedagogical Effectiveness'

### Ph.D. in Chemistry

Jadavpur University

Title of the Thesis: 'Structure and Magnetism  
of Transition Metal Azido Complexes'

### M.Ed.

The University of Burdwan

### M.A. in Education

NSOU, Kolkata

### M.Sc. in Chemistry

University of Calcutta

## SKILLS

✍✍ Infographics, Tech-Enhanced Teaching, Research Design and Validation, Instructional Modules and Materials Development

## Research Footprint

✍✍ Google Scholar Info.:

<https://scholar.google.com/citations?user=xzBXAFoAAAJ&hl=en>

✍✍ ORCID Info.: <https://orcid.org/0000-0002-5583-012X>

✍✍ Scopus Info.: 12243030500

✍✍ Web of Science Info.: ABE-5515-2021

✍✍ VIDWAN Info.: <https://Vidwan.inflibnet.ac.in>

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## RESEARCH INTEREST

✍✍ Synthetic Chemistry, ✍✍ Inorganic Chemistry, ✍✍ Science Education, ✍✍ Chemical Education, ✍✍ Indian Knowledge Systems, ✍✍ Technology Integration in Education, ✍✍ Innovative Pedagogy, ✍✍ Teacher Education

## RESEARCH PROJECT UNDERTAKEN

✍✍ Title of the Project undertaken: “Studies on Inorganic-Organic Hybrid Materials having Poly-dentate Blockers” (Major Project), Funding Agency: DST, New Delhi, Duration: 2011-2015

## LIST OF PUBLICATIONS (As Editor)

(1) ‘**LIFE (Liberation, Inspiration, Freedom and Empowerment): The Legacy of Indian Women**’

Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-387-8, Publication Date: February, 2025.

(2) ‘**Value-Embedded Pedagogical Reflections of Indian Freedom Fighters**’ Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-961-0, Publication Date: November, 2024.

(3) ‘**21<sup>st</sup> Century Insights: M.K. Gandhi’s Influence**’ Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-472-1, Publication Date: 30<sup>th</sup> June, 2024.

(4) ‘**Harmony in Diversity: Social Sciences, Literature and Educational studies**’ Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-515-5, Publication Date: 5<sup>th</sup> February, 2024.

(5) ‘**Multidisciplinary Insights: Policies, Pedagogies and Perspectives**’ Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-917-7, Publication Date: 25<sup>th</sup> December, 2023.

## LIST OF PUBLICATIONS (Journals)

2025

(1) M. Hossain and C. Adhikary\*, *Journal of Emerging Technologies and Innovative Research (JETIR)*, Vol 12, Issue 5, 2025, Page 728-740, ISSN no. 2349-5162 ‘**The Geometry of Thought: Advance Organizer as the DNA of Comprehension and Visual Spine of Learning**’. Publication Date: May, 2025.

(2) M. K. Jana and C. Adhikary\*, *The Social Science Review: A Multi-disciplinary Journal*, Vol 3, Issue 2, 2025, Page 138-143, ISSN No. 2584-0789 ‘**Towards Integrating Pedagogy of Art and Teacher Education in the Vision of NEP 2020**’. Publication Date: March-April, 2025.  
DOI:<https://doi.org/10.70096/tssr.250302022>.

(3) M. Malik and C. Adhikary\*, *Journal of Emerging Technologies and Innovative Research (JETIR)*, Vol 12, Issue 2, 2025, Page 378-386, ISSN no. 2349-5162 ‘**Infographics-embedded Strategies in the New Learning Era**’. Publication Date: February, 2025.

(4) M. K. Jana and C. Adhikary\*, *Journal of Research in Humanities and Social Science, Quest Journal*, Vol 13, Issue 1, 2025, Page 85-102, ISSN no. 2321-8647 ‘**Contribution of the Bhagavad Gita in Theory and Practice of Education: A Framework of Systematic Literature Review**’. Publication Date: January, 2025.

(5) P. Das and C. Adhikary\*, ‘*International journal of Creative Research Thoughts (IJCRT)*’, Vol 13, Issue 1, 2025, Page C855-C873, ISSN no. 2320-2882, ‘**Flanders Interaction Analysis as a Tool for Interpretive Reconciliation of the Bhagavad Gita**’. Publication Date, January, 2025.

(6) A. Ghosh and Adhikary\*, ‘*Journal of the Oriental Institute*’, M.S. University Baroda, Vol 74, Issue 1, 2025, Page 199-225, ISSN no. 0030-5324, ‘**Single-Tier Chemical Concept Inventory (STCCI) to Identify the Misconceptions of Twelfth-Grade Students**’. Publication Date, January, 2025.

2024

(1) P. Das, M. Jana and C. Adhikary\*, ‘*Journal of the Oriental Institute*’, M.S. University Baroda, Vol 73, Issue 4, 2024, Page 1153-1180, ISSN no. 0030-5324, ‘**Revisiting the Pedagogy of Shrimad Bhagavad Gita for Developing 21<sup>st</sup> Century Skills Among the Learners**’. Publication Date, December, 2024. DOI: <https://dx.doi.org/10.63431/AIJTR/1.II.2024.31-37>.

(2) M. Malik and C. Adhikary\*, *Amitrakshar International Journal of Interdisciplinary and Transdisciplinary Research (AIJITR)*, Vol 1, Issue 2, 2024, Page 20-30, ISSN no. 3049-0278 ‘**Addressing the Issues of Gender Equity in Curriculum**’. Publication Date: December, 2024. DOI: <https://dx.doi.org/10.63431/AIJTR/1.II.2024.20-30>.

(3) A. Mondal and C. Adhikary\*, *Amitrakshar International Journal of Interdisciplinary and Transdisciplinary Research (AIJITR)*, Vol 1, Issue 2, 2024, Page 30-37, ISSN no. 3049-0278 'Local Wisdom Approach of Sarada Devi and its Relevance in Global Education'. Publication Date: December, 2024. <https://dx.doi.org/10.63431/AIJITR/1.II.2024.31-37>.

(4) M. K. Jana and C. Adhikary\*, *The Social Science Review: A Multi-disciplinary Journal*, Vol 2, Issue 5, 2024, Page 196-206, ISSN no. 2584-0789 'Reflection of Components of Karma Yoga in Pedagogical Practices as Expounded in the Bhagavad Gita'. Publication Date: October, 2024.

(5) D. Pal and C. Adhikary\*, *Journal of Emerging Technologies and Innovative Research (JETIR)*, Vol 11, Issue 6, 2024, Page 212-237, ISSN no. 2349-5162 'Quality index of a teacher as reflected in the National Education Policy 2020: An Indian perspective'. Publication Date: June, 2024.

(6) M. K. Jana and C. Adhikary\*, *International Journal of Creative Research Thoughts (IJCRT)*, Vol 12, Issue 6, 2024, Page J370-376, ISSN no. 2324-2882 'Integrating Indigenous Indian Insights from the Bhagavad Gita: An Indian knowledge System and NEP 2020 Perspective'. Publication Date: June, 2024

(7) M. K. Jana and C. Adhikary\*, *The Social Science Review: A Multi-disciplinary Journal*, Vol 2, Issue 3, 2024, Page 137-148, ISSN no. 2584-0789 'Models of Teacher Education: An Indian Approach'. Publication Date: May-June, 2024.

#### 2023

(1) D. Pakhira and C. Adhikary\*, *The Ravenshaw Journal of Educational Studies (RJES)* Vol 12, Issue 1, 2023, Page 58-65, ISSN no. 2319-7374 'Mindset of Postgraduate students Towards Open book examination and Blended mode of Assessment'. Publication date: Jan-Mar, 2023.

(2) P. Das, and C. Adhikary\*, *Research and Reflections on Education*, UGC care approved Journal, ISSN no. 0974-648X(P) Vol, 21, No. 1, page no. 44-47, 2023 'Exploring the Attributes of Total Quality Teacher (TQT) as reflected in the Bhagavad Gita'. Publication date: Jan-Mar, 2023.

(3) A. Bhattacharya, K. N. Chattopadhyay and C. Adhikary\* *Phys. Educ.* **58** (1) 2023, Scopus Indexed Journal, 'Bending of Beam: An Improved Instructional Tool for the Determination of Density of a Liquid,' ISSN No. 319120, Publication date: November 22, 2022, <https://doi.org/10.1088/1361-6552/ac9d1a>. (Indexing: Scopus)

#### 2022

(1) A. Bhattacharya, K. N. Chattopadhyay and C. Adhikary\* *Phys. Educ.* **57** (6) 2022, Scopus Indexed Journal, 'Determination of Density of a liquid: Revisited through the lens of conditions of floating,' ISSN No.319120 Publication date: September 22, 2022, <https://doi.org/10.1088/1361-6552/ac8dd3>. (Indexing: Scopus)

(2) H. Chowdhury, and C. Adhikary\*, *Asian Journal of Chemistry*, 2022, 34 (6) 1472-1476, ISSN No. 9707077, 'Copper (II)-Ni (II) Cyanide Bridged 2Dheterometalic coordination Polymer: Synthesis, X-Ray Structure and Magnetic Study.' Publication date: 18/05/2022, (Indexing: Scopus) DOI:

<https://doi.org/10.14233/ajchem.2022.23678>.

(3) P. Das and C. Adhikary\*, *The Online Journal of Distance Education and e-Learning* 2022, 10(1), 162-168, UGC CARE approved Journal, ISSN no. 2147-6454 'Transformative E-Governance and Access in Higher Education' Publication date, January, 2022.

#### 2021

(1) S. Mukherjee, S. C. Roy and C. Adhikary\*, *Research and Reflections on Education*, UGC CARE approved Journal, ISSN no. 0974-648X Vol, 19, NO. 2, page no. 21-25, 2021 'Interaction Analysis as a tool for measuring efficacy of teacher education programme'. Publication date: April-June, 2021, URL: [https://sxcedn.edu.in/?page\\_id=746](https://sxcedn.edu.in/?page_id=746)

(2) H. Chowdhury, R. Bera and C. Adhikary\*, *Asian Journal of Chemistry*, 2021, 33 (6) 1280-1286, ISSN No. 9707077, 'Synthesis, Structure, Magnetic and Catalytic Competency of a Tetradentate (NNOO) Schiff Base Mediated Dimeric Copper (II) Complex'. Publication date: 05/06/2021, DOI: <https://doi.org/10.14233/ajchem.2021.23168>. (Indexing: Scopus)

(3) H. Chowdhury, C. Rizzoli and C. Adhikary\*, *Transition Metal Chemistry*, 2021, 46(2), 139-147, ISSN No: 1572901X, 03404285, 'Azido derivative of dinuclear copper (II) and 1D polynuclear nickel(II) complexes containing an unsymmetrical bidentate amine: Syntheses, crystalline architectures and magnetic behaviors' Publication date: November, 2020, DOI: [10.1007/s11243-020-00430-8](https://doi.org/10.1007/s11243-020-00430-8). (Indexing: Scopus)

(4) H. Chowdhury and C. Adhikary\*, *Asian Journal of Chemistry*, 2021, 33 (2), 359-366, ISSN No. 9707077, 'Syntheses, Structures, Magnetic Properties and Antibacterial Activities of Two Copper (II) Azido Complexes with Varied Nuclearities Containing Symmetrical 1,3-Diammine as Chelator'. Publication date:15/01/2021. (Indexing: Scopus), DOI: <https://doi.org/10.14233/ajchem.2021.23007>.

(5) R. Bera and C. Adhikary\*, *Journal of Porous Materials*, 2021, 28(3), 695-702, ISSN (E): 1573-4854, ISSN (P): 1380-2224, 'Catalytic Potency of Zeolite Y Immobilized copper-2,2'-bipyridine hybrid Complex in Oxidation of Olefins'. Publication date: 25/01/2021, DOI:<https://doi.org/10.1007/s10934-020-01023-7>. (Indexing: Scopus)

#### 2020

(1) H. Chowdhury, R. Bera, C. Rizzoli and C. Adhikary\*, *Journal of Coordination Chemistry*, 2020, 74(4-6), 663-676, ISSN No. 10290389, 00958972 'Cyanide bridged 2-D homometallic mixed-valence copper coordination polymer: synthesis, crystal architecture, behavior' Publication Date: 15/12/2020, DOI: <https://doi.org/10.1080/00958972.2020.1861445>. (Indexing: Scopus)

(2) H. Chowdhury, A. Bieńko, C. Rizzoli and C. Adhikary\*, *Polyhedron*, 2020, 188, 114693-114698, ISSN No.: 0277-5387, 'Syntheses, structures and magnetic behaviors of 1D and 3D  $\mu_{1,5}$ -dicyanamide bridged copper(II) coordination polymers containing a symmetrical 1,2-diammine as chelator' Publication date: 2020, DOI: <https://doi.org/10.1016/j.poly.2020.114693>. (Indexing: Scopus)

(3) H. Chowdhury, R. Bera, C. Rizzoli and C. Adhikary\*, *Transition Metal Chemistry*, 2020, 45(8) 605-612, ISSN No: 1572901X, 03404285 'A nitrate bridged one-dimensional copper(II) coordination polymer with a tridentate (NNO) Schiff base: Synthesis, X-ray structure and catalytic efficacy' Publication date: November, 2020, DOI: [10.1007/s11243-020-00415-7](https://doi.org/10.1007/s11243-020-00415-7). (Indexing: Scopus)

(4) H. Chowdhury, R. Bera, C. Rizzoli and C. Adhikary\*, *Journal of Coordination Chemistry*, 2020, 73 (20-22) 3062-3078, ISSN No. 10290389, 'Double end-on azido derivative of a tridentate (NNO) Schiff base dimeric copper (II) complex: Synthesis, X-ray structure, magnetic property and catalytic effectiveness' Publication date: 23/10/2020, DOI: [10.1080/00958972.2020.1836360](https://doi.org/10.1080/00958972.2020.1836360). (Indexing: Scopus)

(5) A. Ghosh, S. Gupta, M. K. Jana, and C. Adhikary\*, *Research and Reflections on Education*, UGC CARE approved Journal, ISSN no. 0974-648X Vol,18, NO. 03A, Page no. 19-23, 2020 'Perception and attitudinal disposition of secondary school teachers towards inclusiveness in classroom'. Publication Date: September, 2020.

## 2019

(1) S. Sana, C. Adhikary and K. N. Chattopadhyay, *Asia Pacific Journal of Multidisciplinary Research*, P-ISSN 2350-7756, E-ISSN 2350-8442, www. Apjmr.com, Vol 7, No 4, Nov 2019, 'The role of Antecedent Knowledge and Competency of Techno-pedagogy for Judicious Implementation of Interactive Multimedia Courseware in Organic Chemistry' Publication Date: November, 2019. (Indexing: Scopus)

(2) C. Adhikary, S. Sana, K.N. Chattopadhyay, *International Journal of Innovative Knowledge Concepts*, 2019, 7(3), 82-96, ISSN (Online) 2454-2415, 'ICT Mediated Blended Approach for Teaching Hydrolytic Behaviour of P-Block Halides: A pathway of Conceptualizing Inorganic Reaction Mechanism with Organic Eyes'. Publication Date: March, 2019.

## 2018

(1) C. Adhikary, S. Sana, K.N. Chattopadhyay, *Wesleyan Journal of Research*, 2018, 11, 35-46, ISSN 0975-1386, 'Choice-based Instructional Strategies for Determination of Molecular Geometry: A Way to Revisiting Valence Shell Electron Pair Repulsion Theory'. Publication Date: June, 2018.

(2) S. Sana, C. Adhikary and K.N. Chattopadhyay, *Inquisitive Teacher*, 2018, 5(2), 174-188. ISSN (Online) 2455-5827. 'Exploring Teacher's Techno-Pedagogical Competency to Achieve Process Oriented Skills of Learners: A Multimedia Context', Publication Date: December, 2018.

(3) S. Sana, C. Adhikary and K.N. Chattopadhyay, *Inquisitive Teacher*, 2018, 5(2), 31-39, ISSN (Online) 2455-5827 'Synchronous Vis-a-vis Asynchronous Learning: A Blended Approach'.

(4) S. Sana, C. Adhikary and K.N. Chattopadhyay, *Review of Research*, 2018, 8(1), 1-7, ISSN 2249-894X 'Interactive Multimedia Courseware: An effective Techno-Pedagogical Tool for Developing Basic Concepts of Organic Chemistry'. Publication Date: October, 2018.

(5) S. Sana, C. Adhikary and K. N. Chattopadhyay, *Bhatter College Journal of Multidisciplinary Studies*, 2018,8(1), 72-79, ISSN 2249-3301, Article url: [www.bcjms.bhattercollege.ac.in/v8/n1/v8n1sc06.pdf](http://www.bcjms.bhattercollege.ac.in/v8/n1/v8n1sc06.pdf) 'Evolutionary Paradigm Shift in the Instructional Strategies of Chemical Concepts'.

## 2017

(1) C. Adhikary and K.N. Chattopadhyay, *Wesleyan Journal of Research*, 2017, (1), 49-56. ISSN 0975-1386. UGC CARE approve Journal, 'Convergent-Divergent Scheme for Teaching Reactions of Potassium Permanganate' Publication Date: June, 2017.

(2) C. Adhikary, S. Sana and K.N. Chattopadhyay, *International Journal for Science and Research in Technology* (IJSART), 2017 (3) 429-434. ISSN (Online) 2395-1052. 'Advance Organizer Based Anchored Instruction For Teaching Sigma and Pi Bonds: An Orbital Overlap Analogy', October, 2017.

(3) S. Sana and C. Adhikary\*, *International Journal for Science and Research in Technology* (IJSART), 2017 (3) 400-406. ISSN (Online) 2395-1052, 'Synthesis and Entrapment of Polynes inside Nano-Pores of Anodized Alumina Membrane: A Linear Allotrope of Carbon', September, 2017.

(4) S. Sana and C. Adhikary\*, *International Journal for Science and Research in Technology* (IJSART), 2017, 3, 506-511. ISSN (Online) 2395-1052, 'ICT Mediated Teaching Learning in Higher Educational Enterprise', August, 2017.

(5) S. Sana and C. Adhikary\*, *International Journal of Current Research and Modern Education* (IJCRME), 2017 (2) 132-137. ISSN (Online) 2455-5428 'Purposive Learning For Sustaining Hygiene from Undesired Administration of Adulterants, Hormones and Antibiotics in Food Stuff'.

(6) S. Sana and C. Adhikary\*, *International Journal of Current Research and Modern Education* (IJCRME), 2017, 2(1) 197-201, ISSN (Online) 2455-5428, 'Micro and Macro level Phenomena in Chemistry: Learning Difficulties, Deficiencies and Remedial Measures'.

(7) C. Adhikary and S. Sana, *North Asian International Research Journal of Social Science & Humanities*, 2017, 3, 57-69. ISSN (Online) 2454-9827. Publication Date: Sept, 2017. 'Holistic Development of Process Oriented Skills: A Metacognitive Model of Learning'.

(8) C. Adhikary and S. Sana, *North Asian International Research Journal of Social Science & Humanities*, 2017, 3(7), 83-95. ISSN (Online) 2454-9827. 'A Casket of innovative Teaching Learning Practices: A Blissful or Baleful Effort'. Publication Date: July, 2017.

(9) Sk A. Badsha and C. Adhikary\*, *Scholarly Research Journal for Humanity Science & English Language*, 2017, 4(21) 5125-5136. ISSN No. 2348-3083, Publication Date: April-May, 2017. 'Chunking cum Acrostics Strategy as a tool for memorizing the names of countries and continents.

(10) C. Adhikary\* and S. Dasgupta, *International Journal of Yoga, Physiotherapy and Physical Education*, 2017, 2(4), 44-48, Online ISSN: 2456-5067, Publication Date: July, 2017. 'Yoga in Educational Venture: A way towards Holistic Development'.



(11) M. Sarkar and C. Adhikary\*, *Scholarly Research Journal for Interdisciplinary Studies*, 2017, 4(31), 5232-5238, ISSN No. 2278-8808. Publication Date: May-June, 2017. 'Revisiting Her Stories: Women, Empowerment and Indian Culture'.

(12) C. Adhikary and K.N. Chattopadhyay, *International Journal of Multidisciplinary Educational Research*, 2017, 6(2) 188-201, ISSN No. 2277-7881. Publication Date: June, 2017. 'A Social Constructivist Strategy for Teaching Electron Configurations'.

(13) A.K. Dutta and C. Adhikary\*, *International Journal of Interdisciplinary and Multidisciplinary Studies*, 2017 (4) 103-108, ISSN - (Print): 2519-7908; ISSN - (Electronic): 2348 -0343, Publication Date: July, 2017. 'Refining and Redefining Basic Education in the Perspective of Blended Learning: A Constructivist Outlook'.

(14) S. Gayen and C. Adhikary\*, 2017, 3(5) 702-704, Publication Date: May, 2017. ISSN No. (E) 2454-9916. *International Education and Research Journal*, 'Protective Discrimination in Post Independent India: A critical Analysis'.

(15) S. Sana and C. Adhikary\*, 2017, 3(5) 697-701, ISSN No. (E) 2454-9916, Publication Date: May, 2017. *International Education and Research Journal*, 'Modern Trends in Pedagogical Practices for Teacher Educational Institutions'.

(16) P. Dutta, C. De and C. Adhikary\*, 2017 (4) 479-486, *International Journal of Multidisciplinary Research and Development*, E ISSN: 2349-5979, Publication Date: July, 2017. 'Impact of Social Media on Student Life: A Blessing or Curse'.

#### 2016

(1) S. Adak and C. Adhikary\*, *Scholarly Research Journal for Interdisciplinary Studies*, 3(24) 2016, 2282-2287, ISSN No. 2278-8808, Publication Date: May-June, 2016. 'Youth Dynamics and The Nation: An Impact of A.P.J. Abdul Kalam's Philosophy'.

#### 2015

(1) C. Adhikary, S. Sana, K. N. Chattopadhyay, *J. Chem. Education*, 2015, 92, 664-667, ISSN No.: 0021-9584 'Chunking Strategy as a tool for teaching electron configuration'. (Indexing: Scopus)

#### 2014

(1) S. Banerjee, C. Adhikary\*, C. Rizzoli, R. Pal, *Inorg. Chim Acta* 409 (2014) 202, Publication Date, Sept, 2013, ISSN No. 0020-1693, 'Single end to end azido bridged adduct of a tridentate schiff base copper (II) complex: Synthesis, structure, magnetism and catalytic studies. (Indexing: Scopus)

#### 2013-2011

(1) C. Adhikary\*, S. Banerjee, J. Chakraborty, S. Ianelli, *Polyhedron* 65 (2013) 48. ISSN No.: 0277-5387 'Copper (II) azide complexes with NNO donor ligands: Syntheses, structure, catalysis and biological studies. (Indexing: Scopus)

#### 2010

(1) C. Adhikary and S. Koner, *Coord. Chem. Rev.*, 254 (2010) 2933. ISSN No.: 108545, 'Structural and magnetic studies on copper (II) azido complexes'. (Indexing: Scopus)

(2) R. Bera, C. Adhikary, S. Ianelli, S. Chaudhuri, S. Koner, *Polyhedron*, 29 (2010) 2166, ISSN No.: 0277-5387, 'Single end-on azido bridged 1D chain copper (II) complex: active catalyst for homogeneous olefin oxidation'. (Indexing: Scopus)

#### 2009

(1) C. Adhikary, R. Sen, J.-P. Tuchagues, S. Chaudhuri, S. Ianelli, M. Solzi, S. Koner, *Inorg. Chim. Acta* 362 (2009) 5211, ISSN No.: 0020-1693, 'Ladder like azido-bridged copper (II) complexes: Synthesis, X-ray Structure and Magnetic Study'. (Indexing: Scopus)

(2) C. Adhikary, R. Sen, G. Bocelli, A. Cantoni, S. Chaudhuri, S. Koner, *J. Coord. Chem.*, 62 (2009) 3573-3582, ISSN No. 10290389, 00958972 'Tridentate (NNO) Schiff base copper (II) complex: Synthesis, crystal structure and magnetic study'. (Indexing: Scopus)

#### 2008

(1) C. Adhikary, R. Bera, B. Dutta, S. Jana, G. Bocelli, A. Cantoni, S. Chaudhuri, S. Koner, *Polyhedron*, 27 (2008) 1556, 'Catalytic efficacy of Schiff-base copper (II) complex: Synthesis, X-ray structure and olefin oxidation'. (Indexing: Scopus)

(2) D. Mal, R. Sen, C. Adhikary, A. Bhattacharjee, P. Gütllich, Y. Miyasita, K.-I. Okamoto, S. Koner, *Inorg. Chim. Acta*, 361 (2008) 183, ISSN No.: 0020-1693 'Synthesis, X-ray crystal structure and magnetic study of a dicyanamido bridged 1D chain nickel (II) complex'. (Indexing: Scopus)

(3) D. Mal, R. Sen, C. Adhikary, Y. Miyasita, K.-I. Okamoto, A. Bhattacharjee, P. Gütllich, S. Koner, *J. Coord. Chem.*, 61 (2008) 3486-3492, ISSN No. 10290389, 00958972 'Synthesis X-ray crystal structure and magnetic study of a  $\mu_{1,5}$ -dca bridged ferromagnetic dimeric copper (II) complex'. (Indexing: Scopus)

#### 2007

(1) C. Adhikary, D. Mal, R. Sen, A. Bhattacharjee, P. Gütllich, S. Chaudhuri, S. Koner, *Polyhedron*, 26 (2007) 1658, ISSN No.: 0277-5387 'Synthesis, X-ray crystal structure and magnetic study of a novel  $\mu_{2-1,1}$ -azido bridged dimeric copper (II) complex'. (Indexing: Scopus)

(2) D. Mal, C. Adhikary, E. Rentschler, Y. Miyashita, K.-I. Okamoto, S. Koner, *Polyhedron*, 26 (2007) 736, ISSN No.: 0277-5387 'Synthesis, X-ray crystal structure and magnetic study of the 1D  $[[\text{Cu}(\text{N}, \text{N}-\text{diethyl-1,2-ethanediamine})(\mu_{1,5}\text{-dca})(\text{dca})]]_n$  complex'. (Indexing: Scopus)

#### 2006

(1) C. Adhikary, D. Mal, K.-I. Okamoto, S. Chaudhuri, S. Koner, *Polyhedron*, 25 (2006) 2191, ISSN No.: 0277-5387 'Synthesis, characterization, X-ray structure and magnetic study of the azido adducts of tridentate (NNO) Schiff base copper (II) complexes. (Indexing: Scopus)

(2) C. Adhikary, D. Mal, S. Chaudhuri, S. Koner, *J. Coord. Chem.*, 59 (2006) 699-704. ISSN No. 10290389, 00958972 'Synthesis, characterization and X-ray structure of an azido adduct of a tridentate (NNO) Schiff base Nickel (II) complex'. (Indexing: Scopus)

(3) M. Zbiri, S. Saha, C. Adhikary, S. Chaudhuri, C. Daul, S. Koner, *Inorg. Chim. Acta*, 359 (2006) 1193, ISSN No.: 0020-1693 'Asymmetric  $\mu_{2-1,1}$ -azido bridged copper (II) complex: synthesis, X-ray structure, magnetic study and DFT calculate ions. (Indexing: Scopus)

Volume), Amitrakshar Publishers, Kolkata, ISBN

No. 978-93-6008-472-1, Title of the book chapter: 'Revisiting Gandhian Leadership in the 21<sup>st</sup> Century' Publication Date: 30<sup>th</sup> June, 2024.

(5) □□ A. Ghosh and C. Adhikary, 'Human Rights in India: Protection and Promotion' Infinity Publication, London (Edited Volume), ISBN No. 978-1-304-42413-6, Title of the book chapter: 'Exposure to Pesticides: A Human Rights Concern' Publication Date: April, 2024.

(6) □□ B. Mantri and C. Adhikary, 'Harmony in Diversity: Social Sciences, Literature and Educational studies' Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-515-5, Title of the book chapter: 'Diversity in curriculum development' Publication Date: 5<sup>th</sup> February, 2024.

(1) □□ M.H. Mondal and C. Adhikary, 'Multidisciplinary Insights: Policies, Pedagogies and Perspectives' Amitrakshar Publishers, Kolkata (Edited Volume), Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-917-7, Title of the paper: 'Stress Management among School Going Students and its Impact on Their Effective Learning in the Post Covid Outbreak' Publication Date: 25<sup>th</sup> December, 2023.

(2) □□ A. Ghosh and C. Adhikary, 'NEP 2020: Policy Reforms in Higher Education and Obstacles in Implementation Issues at Undergraduate Level' (Edited Volume), Renova International Publications, 2023, ISBN No. 978-93-9387-367-5, Title of the paper: 'Sustainable Pedagogical Strategies as Reflected in National Education Policy 2020' Publication Date: August, 2023.

(3) □□ M. Jana and C. Adhikary, 'NEP 2020: Policy Reforms in Higher Education and Obstacles in Implementation Issues at Undergraduate Level' (Edited Volume), Renova International Publications, 2023, ISBN No. 978-93-9387-367-5, Title of the paper: '4Cs Super Skills: A New Learning Paradigm for Developing 21<sup>st</sup> Century Competencies and Fostering Self-reliance among the Learners in the Praxis of NEP 2020' Publication Date: August, 2023.

(4) □□ A. Ghosh and C. Adhikary, 'Impact of Education in Different Pedagogical Subjects' (Edited Volume), International Academic Publishing House, 2023, ISBN No. 978-81-957954-8-2, Title of the paper: 'Innovative Pedagogical Strategies for Building Chemical Concepts' Publication Date: 5<sup>th</sup> March, 2023.

(5) □□ M. Jana and C. Adhikary, 'National Education Policy (NEP-2020): Prospects and Challenges' (Edited Volume), Published by: Principal, Midnapore College (Autonomous),

## LIST OF PUBLICATIONS (Chapters published in the Edited Volume)

### 2025

(1) □□ S. Koley and C. Adhikary\*, 'LIFE (Liberation, Inspiration, Freedom and Empowerment): The legacy of Indian Women' (Edited Volume) Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-387-8, Title of the book chapter: 'Mira Bai's Bhakti and Knowledge Legacy: Educating through Devotion and Poetry' Publication Date: February, 2025.

(2) □□ B. Mantri and C. Adhikary\*, 'LIFE (Liberation, Inspiration, Freedom and Empowerment): The legacy of Indian Women' (Edited Volume) Amitrakshar Publishers, Kolkata, ISBN No. 978-93-6008-387-8, Title of the book chapter: 'From Classroom to Cosmos: Bridging STEM Education and Research Through the Work of Ritu Karidhal' Publication Date: February, 2025.

### 2024

(1) □□ M.H. Mondal and C. Adhikary\*, 'Social Problems in India: Issues and Challenges' (Edited Volume) Red Unicorn Publishing LLC, Sweden, ISBN No. 978-91-41-00110-7, Title of the book chapter: 'Education is a Panacea for Poverty as a Social Ill: A Cinematic Expedition for Visual Thinker' Publication Date: October, 2024.

(2) □□ A. Ghosh and C. Adhikary, 'Education for Sustainable Tomorrow: Unveiling the National Education Policy 2020' (Edited Volume), red'shine Publication, Sweden, ISBN No. 978-91-7308-076-4, Title of the book chapter: 'Implementing National Education Policy 2020 in Higher Education: Need of the Hour' Page 172-183, Publication Date: July, 2024. DOI:10.25215/9173080764.

(3) □□ M.K. Jana and C. Adhikary, 'Life as Basic Science: An Overview and Prospects for the Future' Volume 2, (Edited Volume), International Academic Publishing House, ISBN No. 978-81-969828-6-7, Title of the book chapter: 'Ethical Foundations of Basic Science and the Science Behind Karmayoga' Page 106-115, Publication Date: 30<sup>th</sup> June, 2024. DOI: <https://doi.org/10.52756/ibsopf.2024.e02.009>.

(4) □□ D. Pal and C. Adhikary, '21<sup>st</sup> Century Insights: M.K.Gandhi's Influence' (Edited

2023, ISBN No. 978-81-954721-7-8, Title of the paper: **‘Outcome-based Pedagogy: A way Towards Transforming Indian Education’** Publication Date: 12<sup>th</sup> June, 2023.

(6)□□ P. Das and C. Adhikary, *‘National Education Policy (NEP-2020): Prospects and Challenges’* (Edited Volume), Published by: Principal, Midnapore College (Autonomous), Midnapore, Paschim Medinipur, West Bengal, 2023, ISBN No. 978-81-954721-7-8, Title of the paper: **‘Reflection of 21<sup>st</sup> Century Skills in National Education Policy 2020’** Publication Date: 12<sup>th</sup> June, 2023.

(7)□□ B. Mondal and C. Adhikary, *‘Advanced Sociological Perspective on Education’* (Edited Volume), Shipra Publication, Delhi, ISBN No. 978-93-91978-41-9, 2023, Title of the paper: **‘Revisiting the Disciplinary Evolution of Sociological Perspective of Education’** Publication Date: 2023.

#### 2022

(1)□□A. Ghosh and C. Adhikary, *‘Looking at Gender Through Varying Lenses’* (Edited Volume), Siliguri B.Ed. College, Darjelling, ISBN No. 978-81-908751-4-1, 2012, Title of the paper: **‘Praxis of gender equity in curriculum transaction: A transformative pedagogy’** Publication Date: April, 2022.

(2)□□A. Ghosh and C. Adhikary, *‘Educational Technology, Essentials, Approaches and Trends’* (Edited Volume), RED’SHINE Publication, Stockholm, Sweden, ISBN No. 978-91-987831-8-6, 2012, Title of the paper: **‘Revisiting Embryonic Root of Educational Technology through the lens of Philosophy and Psychology’**, Date: July, 2022

#### 2021-2018

(1) □□ A. Ghosh, C. Adhikary and K.N.Chattopadhyay *‘Futures of Education: Learning to Become-A Global initiative to re-imagine how knowledge and learning can shape the Future of Humanity’* (Edited Volume/, Conference Proceedings), NSOU, Kolkata, ISBN No. 978-93-82112-74-7, 2021, Title of the chapter: **‘Integrating digital Literacy into self-directed learning: A futuristic Endeavour’**, Publication Date: February:2021

#### 2017-2016

(1) □□ C. Adhikary and K. N. Chattopadhyay, *Teacher Education: New Vistas-New Challenges* ((Edited Volume/, Conference Proceedings)), School of Education, NSOU, Kolkata, ISBN No. 978-93-82112-56-3, **‘Depletion of Quality of Existing Teacher Education in India: A Desk-Top Analysis’** 1 (2017) 70-80.

(2)□□ M. Sarkar and C. Adhikary, *Teaching*

*Social Sciences Through Open and Distance Learning-A Twenty First Century Perspective* ((Edited Volume/, Conference Proceedings)), School of Social Science, NSOU, Kolkata ISBN No. 978-93-82112-59-5, **‘A Casket of Novel Educational Resources: Learning Through Distance Mode** 2017, page 209-218.

(3)□□ C. Adhikary and S. Gayen, *Curriculum, Pedagogy and Learning: Quest for a New Paradigm*, ((Edited Volume/, Conference Proceedings)), Institute of Education (P.G.) For Women, Chandernagore, Hooghly, West Bengal. ISBN No. 978-93-81669-55-6, 2017. **‘Impact of Tagore’s Educational Thoughts in existing Teacher Education Programme’**, page 29-38.

#### 2015

(1) □□ C. Adhikary and K. N. Chattopadhyay, *Open and Distance Learning System: Recent Developments* (Edited Volume), NSOU, Kolkata, ISBN No. 978-93-82112-28-0, 2015, **‘Blended Learning: A Strategy for Fostering Open Educational Resources’**.

(2) □□ S. Dasgupta and C. Adhikary, *Sufism and Indian Spiritual Traditions: An Educational Perspective* (Edited Volume), Visva Bharati University, ISBN No. 978-81-85503-006-6, (2015) 29-38, **‘Sufism: A Way towards Retaining Peace, Solidarity and Harmony’**.

#### 2014

(1) □□ C. Adhikary and K. N. Chattopadhyay, *ENVIRONICA* (Edited volume), Department of Environmental Science, Burdwan University, ISBN No. 978-93-84106-14-0, 1 (2014) 303, **‘Food Adulteration: A Social Offence’**.

#### 2013

(1)✍✍ C. Adhikary and K. N. Chattopadhyay, *The Light of Education* (Edited Volume), ISSN No. 2277-4556, 2 (2013) 135-140, **‘Sustainable Learning: Innovations in Teacher Education’**.

### LIST OF PUBLICATIONS (Books)

✍✍ C. Adhikary, *B.Ed. Practicum Ruprekha*, SEM-IV, February, 2020. Pages: 1-352. Aheli Publishers, Kolkata West Bengal, India. ISBN: 81-89169-06-8.

✍✍ K. N. Chattopadhyay and C. Adhikary, *Gyancharchar Kshetra o Bisoyasamuhar Dharana*, B.Ed., SEM-I, 22/09/2018, Pages: 1-248. ISBN: 81-940051-0-0. Desh Publication, Kolkata West

Bengal, India.

✍✍ **C. Adhikary**, *B.Ed. Practicum Ruprekha*, SEM-II, Aheli Publishers, Kolkata West Bengal, India, January, 2018 (1<sup>st</sup> Ed); January, 2019 (2<sup>nd</sup> Ed), Pages: 1-394. ISBN: 81-89169-12-2.

✍✍ **C. Adhikary**, *Physical Science Method*, DDE, Burdwan University, West Bengal, India 2015.

✍✍ **C. Adhikary**, *Chhaya B.Ed. Practicum Guide*, SEM-I, Chhya Prakashani Pvt. Ltd., Kolkata, West Bengal, India 2016.

### ACADEMIC AND ADMINIDTRATIVE ASSIGNMENTS

:: Member of P.G. Board of Studies in Education, The University of Burdwan

:: Member of P.G. Board of Studies in MSW, The University of Burdwan

:: Member of Board of Research Studies (BRS), Department of Education, The University of Burdwan

:: Member of Doctoral Committee, Department of Education, The University of Burdwan

:: Member of Research Advisory Committee, Department of Education, The University of Burdwan

:: Member of Admission Committee, Department of Education, The University of Burdwan

:: Examination-in-Charge, Department of Education, The University of Burdwan

:: Member of Seminar Organizing Committee, Department of Education, The University of Burdwan

:: Member of Routine/Programme Schedule Committee, Department of Education, The University of Burdwan

:: Member of Departmental Purchase Committee, Department of Education, The University of Burdwan

:: Member of NAAC Coordination sub-committee, The University of Burdwan

:: Member of SWAYAM Committee, The University of Burdwan

:: NAAC Point of Contact, Department of Education, The University of Burdwan

:: Member of NET-SET Coaching Committee, The University of Burdwan

:: Ex-Member of API Committee, IQAC, The University of Burdwan (RAC), Department of Education, The University of Burdwan

:: Member of UG board of Studies in Education, B.Ed., Integrated B.Ed., The University of Burdwan



PhD Awardees		
Name	Thesis Title	Year
Dr. Pritam Das	Reflection of the Guiding Principles of Shrimad Bhagavad Gita in Pedagogical Practices: An Exploratory Study	2023
PhD Scholars Currently Registered		
Name	Thesis Title	Year
Dipanwita Pal	Development and Determination of Efficacy of Some Competency-Based Blended Tools for Assessing 21 <sup>st</sup> Century Skills of Learners of Secondary Schools	2021
Milan Kumar Jana	Reengineering Outcome-Based Pedagogical Approaches in the Context of The Bhagavad Gita	2021
Anirban Ghosh	Identification of Misconceptions in Chemistry Among Twelfth-Grade Students and Remedial Measures Through Adaptive Pedagogical Strategies	2022
Mosharaf Hossain Mondal	Efficacy of Advance Organizer Mediated Anchored Instructional Strategies for teaching Geography at the Secondary Level	2022
Minakshi Malik	Instructional Efficacy of Infographics-Embedded Strategies for Teaching Contents of Education at the Tertiary Level	2023
PhD Scholars yet to be Registered		
Name	Thesis Title	Year
Aniket Mondal	Pedagogical Efficacy of Mnemonic Retrieval Strategies for Teaching Educational Research Methodology and Statistics at the Tertiary level	2024

Supervision of Master Thesis/Dissertation (M.Ed.)		
Name	Title of the Dissertation	Year
Abantika Khan	Exploring Tagore's Thoughts on Child Education based on Selected Works	2025 (Ongoing)
Nilufa Yasmin	Curriculum and Credit Framework for Undergraduate Programmes: Evaluating Perception, Attitude, Benefits and Barriers from the Lens of the Students and Teachers in West Bengal	2025 (Ongoing)
Mou Dutta	Test Anxiety and Achievement in Research Methodology and Statistics Course of Postgraduate Students of Education	2025 (Ongoing)
Mallika Hansda	Attitude and Experience of the Prospective Teachers Towards Teaching Internship	2025 (Ongoing)
Abhimanyu Santra	Assessing Research Competencies among the Postgraduate Students of Burdwan University	2024
Satarupa Samui	Prospective Teachers Perception of the Supervisory process during Internship programme	2024
Sayanti Ghatak	Utility of ICT based Tools for Teaching Geography and their influence on academic achievement of the in Higher Secondary Level Learners in West Bengal	2024
Sheuli Das	Identification of Art integrated Pedagogical Skills of Primary Teachers and their Consequence on Learners' Academic Achievement	2024
Sandip Koley	Pedagogical Values of Selected Dramas of Rabindranath Tagore: An Exploratory Study	2024
Dipayan Paul	Unveiling the Attention Economy Patterns and Academic Achievement Among Post-Graduate Students of the University of Burdwan-An empirical Investigation	2023

Supervision of Master Thesis/Dissertation (M.Ed.)		
Name	Title of the Dissertation	Year
Abhinaba Kundu	Unravelling Misconceptions: Identification and Remediation of Chemical Bonding Misconceptions Among Multi-Grade Students in West Bengal	2023
Chiranjit Bauri	Educational Philosophy of Mahatma Gandhi and his relevance in Modern Education	2023
Abhishek Ghosh	A Status Survey on Daily Wages of Hawkers at Burdwan Railway Station in the Post Pandemic Phase	2022
Ahana Bhattacharya	Design of Some Improvised Instructional tools of Physics at Secondary Level for Pedagogical Purpose	2022
Suparna Mondal	A Study on Revisiting Art Education and Cultural Heritage of Nabadwip for Sustainable Ecotourism	2022
Joynab Khatun	Design and Implementation of Vocabulary Games in Second Language Learning for Upper Primary Students of Purba Bardhaman District	2022
Nabanita Mondal	Assessing Teaching Competencies of B.Ed. Student Teachers of the Burdwan University	2022
Kuhelika Roy	A Reflected Study on Educational Values of selected movies of Legendary Soumitra Chattopadhyay (1935-2020)	2021
Masud Ansary	Exploring changing face of Pedagogical Role of Teachers during Pandemic Phase	2021
Nairita Bhattacharyya	Revisiting Reflective journals of prospective teachers during B.Ed. course: An Evaluative Study	2021
Sunanda Chatterjee	A Contemplative investigation on some Indian Movies and their Pedagogical Values	2021

Supervision of Master Thesis/Dissertation (M.A)		
Name	Title of the Dissertation	Year
Niha Sinha	Perception of Higher Education level Students of West Bengal towards Swami Vivekananda Merit-cum-Means Scholarship Scheme	2025 (Ongoing)
Nasrin Sultana	Assessing Digital Competence of Tertiary Students	2025 (Ongoing)
Manika Das	Perception and Attitude of the People of Different Professions Towards Today's Teacher Community	2025 (Ongoing)
Subhashis Das	Awareness of Plagiarism, Citation and Referencing among Postgraduate Students	2025 (Ongoing)
Jesmima Shah	Unveiling Minority Community Representation in the Elementary level Curriculum of West Bengal	2024
Sabana Khatun	Exploring New Perspectives of Teacher Student Relationship in Indian Movies and their Pedagogical implications	2024
Sonali Soren	Navigating Educational Challenges: Explorations of difficulties faced by tribal grouped students in Bengali medium Schools	2024
Sraboni Dan	Perception and Attitude of Postgraduate Students towards Usage of Artificial Intelligence-based Tools in their Daily Learning Practices	2024

## REVIEWER OF JOURNALS

Elsevier, Springer Nature, Francis Taylor, Asian Journal of Social studies and Education and other journals of Chemistry, Science Education, Education and Social Sciences etc.

## INVITED LECTURES/ ACTED AS RESOURCE PERSONS/ PRESENTED PSPER

### 2025

☐☐ Delivered an invited lecture and demonstration in Two Day Workshop on '*Research Methodology*', Organized by ABS Academy, Durgapur on 22/05/2025. Title of the Deliberation: **Research Methodology in a Nutshell: A fingerprint approach**'.

☐☐ Delivered a lecture as a Resource Person in *NEP Orientation and Sensitization- Programme*, Organized by MMTTC, The University of Burdwan on 13/03/2025. Title of the Deliberation: **Indian Traditional Knowledge Systems and STEM Education: A New Learning Paradigm for 21<sup>st</sup> Century Learners**.

☐☐ Delivered an invited lecture in One Day National Seminar on '*Teacher Education in India: Perspective, Prospect, Process and Problems*', Organized by Midnapur Institute of Education on 28/02/2025. Title of the Deliberation: **Teacher Education in Indian Context**.

### 2024

☐☐ Delivered an online lecture as a Resource Person in an *Expert Talk on STEM Education*, Organized by JIS University, West Bengal on 21/08/2024. Title of the Deliberation: **Redefining STEAM as STEAM: A New Learning Paradigm for 21<sup>st</sup> Century Learners**

☐☐ Delivered a lecture as a Resource Person in *NEP Orientation and Sensitization Programme*, Organized by MMTTC, The University of Burdwan on 28/05/2024. Title of the Deliberation: **Methodology of Indian Traditional Knowledge in Classroom Practices**.

☐☐ Acted as a Key Resource Person in One day National Level Seminar on '*National Education Policy 2020: Implementation of Teacher Education*' on 17/02/24 Organized by Tarapada Dey Educational Institution, Purba Bardhaman.

☐☐ Presented a paper in the National Seminar on '*Teacher Education at the Crossroads in the Context of NEP-2020*' organized by Government College of Education, Burdwan on 03/04/2024.

<b>Supervision of Master Thesis/Dissertation (M.A)</b>		
<b>Name</b>	<b>Title of the Dissertation</b>	<b>Year</b>
Nashima Khatun	Al-Ameen Mission Today-A Status Study on Administration, Instructional Process and Outcomes	2023
Rumpa Sen	Perception of the People of Different Professions Towards Today's Teaching Community	2023
Sumana Kundu	Evaluating the Status of Married Women Students in Higher Education Landscape of West Bengal	2023
Bidhan Mantri	Adaptive Teaching Strategies for Addressing Misconceptions in Learning Theories Among the Students Pursuing Post-Graduate in Education Discipline	2023
Dola Pakhira	Attitude of Post-Graduate Students towards Open-book Examination and Blended Mode of Assessment	2022
Sabina Yasmin	Attention Economy of Post-Graduate Students of Burdwan University During the COVID-19 Pandemic	2022
Prema Sarkar	A Reflective Study on Attitude of Post-Graduate Students towards Blended Pedagogy	2022
Shreyasi Nandi	Mental Health Status of the Upper-Primary Students during Covid-19 Outbreak	2022
Ummay Hena	Revisiting Research work on Blended Learning during Covid-19 Pandemic	2022
Kabita Khatun	An Evaluative Study on Evolution of Education as a Discipline	2021
Nilima Ghosh	A Desktop Analysis of Recommendations of Different Educational Committees and Commissions of West Bengal in the Post Independent Era	2021
Puja Dey	A critical Review on Paradigm Shift of Assessment System of School Education in the Post Independent Era	2021
Rintu Sharma	A Comparative Account on Leadership Theories and their Pedagogical Practices	2021

- ☐☐ Acted as Resource Person at UGC-HRDC, BU (Seminar Adjudicator) on 02.08.24
- ☐☐ Acted as Resource Person at UGC-HRDC, BU (Micro Teaching Adjudicator) on 05.08.24

### 2023

☐☐ Delivered an invited lecture in a State-level seminar on the theme '*Research Methodology in Social Science*' on 30/06/2023, Organized by Katwa College, Purba Bardhaman, Title of deliberation: **Paradigms of Research Methodology: A Social Science Perspective.**

☐☐ Delivered an invited lecture in a National Level Webinar in association with NCTE guide lines on the theme '*National Initiative for Proficiency in Reading with Understanding and Numeracy (NIPUN)*' on 14/06/2023, Organized by Government College of Education, Burdwan, Title of deliberation: **NIPUN BHARAT: An Urgent Call for Outcome-Based Education.**

☐☐ Delivered a lecture as a Resource Person titled '*An Overview on Course Outline of 4<sup>th</sup> FIP*' in the 4<sup>th</sup> Faculty Induction Programme on 30/01/23, at UGC-HRDC, Burdwan University

☐☐ Delivered a lecture as a Resource Person titled '*E-learning Resources*' in the 4<sup>th</sup> Faculty Induction Programme on 03/02/23, at UGC-HRDC, Burdwan University

☐☐ Delivered a lecture as a Resource Person titled '*A Concept Note on Assignments and Assessment in the 4th Faculty Induction Programme*' on February 13, 2023, at UGC-HRDC, Burdwan University

☐☐ Acted as Resource Person at UGC-HRDC, BU (Seminar Adjudicator) on 11.02.23

☐☐ Acted as Resource Person at UGC-HRDC, BU (Seminar Adjudicator) on 22.02.23

### 2022

☐☐ Delivered a lecture in Two-day International Seminar on '*Teacher Education Program in the Light of National Education Policy*' on and from 10/11/22-11/11/22, Organized by Siksha Bikash Seba Foundation B.Ed. & D.El. Ed. College, Purba Bardhaman. Title of the deliberation: **'Outcome-based Pedagogy: An Urgent Call for Teacher Education'**.

☐☐ Delivered a lecture in State-level Seminar on '*An Introduction to Gender Studies and Research Methodology*', Organized by Acharya Sukumar Sen Mahavidyalaya, Gotan, Purba Bardhaman, on 05/11/22.

☐☐ Presented a paper in One day National Seminar on '*National Education Policy (NEP-2020): Prospects and Challenges*', Organized by Midnapore College, Paschim Medinipur, on 29/10/22. Title of the Presentation: **Navigating the**

### Landscape of NEP 2020: Opportunities and Challenges.

☐☐ Participated as a Resource Person in the One-Day Focus Group Discussion on '*Blended Learning Ecosystem*' Organized by SOE, NSOU, Durgapur on 22/10/22.

☐☐ Delivered a State-level special lecture in *Boithoki: Tomai Amay Mile*, Sitaram Mahato Memorial College, Purulia, on 09/10/22. Title of the Presentation: **'A, B, C, D of Education'**.

☐☐ Delivered a State-level seminar lecture in ABS Academy, Durgapur, on 20/06/22. Title of the Presentation: '*Paradigm shift in Pedagogy in respect of roles of Teachers and Students in the Post Pandemic Period*'.

☐☐ Delivered a lecture as a Resource Person titled '*Pedagogical Practices in Relation to Diversity Management*' Refresher Course in Gender Issues and Diversity Management on 05/01/22, at UGC-HRDC, BU.

☐☐ Delivered a lecture as a Resource Person titled '*Outcome Based Learning and Educational Reforms: An Introduction*' in the Winter School in Outcome Based Learning and Educational Reforms on 07/01/22, at UGC-HRDC, BU.

☐☐ Delivered a lecture as a Resource Person titled '*Revisiting the Taxonomy of Research through the lens of NEP-2020*' in the Winter School in Outcome Based Learning and Educational Reforms on 10/01/22, at UGC-HRDC, BU.

☐☐ Delivered a lecture as a Resource Person titled '*21<sup>st</sup> Century Skills for Addressing Gender Studies*' Refresher Course in Gender Issues and Diversity Management on 19/07/22, at UGC-HRDC, BU.

☐☐ Delivered a lecture as a Resource Person titled '*Pedagogical Practices in Relation to Diversity Management*' Refresher Course in Gender Issues and Diversity Management on 22/07/22, at UGC-HRDC, BU.

☐☐ Delivered a lecture as a Resource Person titled '*Revisiting Quality Outcome of Faculty Induction Programme through the lens of Practicality*' in the 2<sup>nd</sup> Faculty Induction Programme on 21/09/22, at UGC-HRDC, BU.

☐☐ Acted as Resource Person at UGC-HRDC, BU (Seminar Adjudicator) on 13.01.22.

☐☐ Acted as Resource Person at UGC-HRDC, BU (Seminar Adjudicator) on 18.01.22.

☐☐ Acted as Resource Person at UGC-HRDC, BU (Assignment on An Overview on Course Outline), 25.08.2022.



☐☐ Acted as Resource Person at UGC-HRDC, BU (Assignment on *A Concept note on Assignments and Activities*), on 29.08.22.

☐☐ Acted as resource person at UGC-HRDC, BU (Micro-teaching Adjudicator) on 19.09.22.

## 2021

☐☐ Acted as a Resource Person in Two-day Workshop on '*Personality and its measurement*' organized by Dukhulal Nibaran Chandra College, Murshidabad, on and from 29/09/21 -30/09/21.

☐☐ Acted as Seminar Adjudicator on the theme 1<sup>st</sup> Faculty Induction Programme (31.08. 2021 to 29.09.2021) on 23.09.2021.

☐☐ Played the role of a Resource Person in National Webinar on '*Paradigm Shift in Teacher Education Programme*' organized by Ayan Arnab Sikshan Sanstha, Burdwan on 20<sup>th</sup> June, 2021.

☐☐ Acted as resource person at UGC-HRDC, BU (Micro-teaching Adjudicator) on 23.09.21.

## 2020

☐☐ Presented paper in Two-day International Webinar on '*Looking at Gender through Varying Lenses*' Organized by Siliguri B.Ed. College, Darjelling, on and from 08/10/20-09/10/20. Title of the Presentation: '**Praxis of gender equity in curriculum transaction: A transformative pedagogy**'.

☐☐ Presented paper in Two-day International Webinar on '*Promoting Well-being and Managing Stress in Educational Institutions*' Organized by Calcutta Girl's B.T. College, Kolkata, on 31/08/2020. Title of the presentation: 'Presented paper on '**Happiness Curriculum as a Tool for Releasing Stress Among the Students**'.

☐☐ Presented paper in Two-day International Webinar on '*Futures of Education: Learning to Become*' Organized by NSOU, Kolkata, on and from 03/08/20-04/08/20. Title of the Presentation: '**Integrating Digital Literacy into Self-directed Learning: A Futuristic Endeavour**'.

☐☐ Acted as a resource person in the National Seminar on '*Teacher Education in 21<sup>st</sup> Century-a critical Dilemma*' organized by Bam Vivekananda P.T. T College (B. A, B.Ed/B.Sc, B.Ed) 4 years Integrated Unit held on 12<sup>th</sup> and 13<sup>th</sup> February, 2020.

## CONFERENCE/ SEMINAR ATTENDED/ ORGANIZER

## 2025

☐☐ Acted as the Coordinator of NEP Orientation and Sensitization Programme-24, on and from 06/03/25 to 18/03/25 Organized by MMTTC, Burdwan University.

## 2024

☐☐ Acted as the Coordinator of NEP Orientation Sensitization Programme-3, on and from 17/05/24 to 28/05/24 Organized by MMTTC, Burdwan University.

☐☐ Participated as a resource Person in an online Focus Group Discussion on "*Perspectives of Teachers in the Context of Blended Learning at Higher Education*" on 21/07/2024, organized by NSOU, Kolkata.

## 2023

☐☐ Acted as Joint Course Coordinator of 4<sup>th</sup> Faculty Induction Programme on and from 30.01.23 to 28.02.23, UGC-HRDC, BU

☐☐ Participated in the Workshop on '*Intellectual Property, Right and Protection*' at Burdwan University on 18.05.23.

## 2022

☐☐ Acted as Joint Course Coordinator of Winter School in Outcome Based Learning and Educational Reforms on and from 07.01.22 to 20.01.22, UGC-HRDC, Burdwan University

☐☐ Acted as Joint Course Coordinator of 2<sup>nd</sup> Faculty Induction Programme on and from 25.08.22 to 23.09.22, UGC-HRDC, Burdwan University

☐☐ Attended Seminar on '*To Commemorate the 250<sup>th</sup> birth Anniversary of Raja Ram Mohan Roy- The Father of Bengal Renaissance*' on 05/07/2022 at Govt. College of Education, Burdwan.

## 2021

☐☐ Participated in the Workshop on '*Question Paper Setting (MCQ)*' Organized by Centre for Internal Quality Assurance (CIQA), NSOU, Kolkata on 8<sup>th</sup> May, 2021 on Digital Platform.

## 2020

☐☐ Participated in an Online National level Workshop on '*Vocational Education-Nai Talim-Experiential Learning and Community and Field Engagement to be implemented through the VENTEL cell*' in the Institution on 14<sup>th</sup> September, 2020.

☐☐ Participated in 5-day International Workshop on '*Emotional Management*' through What's app on and from 31<sup>st</sup> March, to 4<sup>th</sup> April, 2020 organized by Manobithi unit of Indian Institute of Mother and Child Welfare, Kolkata.

## 2019

☐☐ Participated in the '*Nai Talim, Experiential Learning and Work Education in Schools and Teacher Education Curriculum*' (A Consultative National Level Workshop) held on 22<sup>nd</sup> November, 2019 organized by 'Mahatma Gandhi National Council of Rural Education, Hyderabad in collaboration with Institute of Education (P.G) For Women, Chandernagore, Hooghly.