

Curriculum Vitae

Dr. Ratan Sarkar

Assistant Professor

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RCI Registration Number: A49971 (CRR No.), Date of Registration - 21/04/2016

AREA OF RESEARCH INTERESTS:

Disability Studies, Inclusive and Special Education, Educational Policies for PwDs, EdTech, and AI in Education.

EDUCATIONAL QUALIFICATIONS

- **Ph.D. in Education** – Pondicherry University (A Central University), Pondicherry.
- **M.Phil. in Special Education** – Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) (*formerly Ramakrishna Mission Vivekananda University*), Belur Math, West Bengal.
- **M.Ed. in Special Education (ID)** – Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) (*formerly Ramakrishna Mission Vivekananda University*), Belur Math, West Bengal.
- **B.Ed. in Special Education (ID)** – Jadavpur University, Kolkata.
- **M.A. in Education and Technology** – Tata Institute of Social Sciences, Mumbai.
- **M.Sc. in Applied Psychology** – Bharathiar University, Tamil Nadu.
- **B.A. in English (Hons)** – University of North Bengal (Siliguri College), Darjeeling, West Bengal.

ADDITIONAL QUALIFICATIONS

- M.A. in Education
- Post B.Ed. Diploma in School Administration
- Advanced Diploma in Computer Applications
- Certificate in Basic Computer Application
- Certificate in Functional & Communicative English
- Certificate Course in Research Methodology (Gold Medallist)

THESIS/DISSERTATION

- **Ph.D. in Education**

Thesis Title: “An Analytical Study on the Educational Rights of Persons with Disabilities with Reference to the Rights of Persons with Disabilities Act, 2016”. (Thesis was highly commended by both national and international evaluators.)

Supervisor: Prof. (Dr.) Mumtaz Begum, Professor, Dean & Head, School of Education, Pondicherry University (A Central University), Pondicherry. (2016–2019).

- **M.Phil. in Special Education**

Thesis Title: “Awareness and Status of Implementation of the Scheme of Inclusive Education for the Disabled at Secondary Stage (IEDSS)” (Distinction).

Supervisor: Prof. (Dr.) N. Muthaiah, Professor & Dean, Faculty of Disability Management and Special Education, Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) (formerly Ramakrishna Mission Vivekananda University), Belur Math, West Bengal (2014–2016).

- **M.Ed. in Special Education (ID)**

Dissertation Title: “Efficacy of Adapted Games on Developing Cognitive Skills among Children with Mild Intellectual Disability”. (Distinction).

Supervisor: Dr. Saumya Chandra, Assistant Professor, Special Education (ID), Faculty of Disability Management and Special Education, Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) (formerly Ramakrishna Mission Vivekananda University), Belur Math, West Bengal (2013–2014).

- **M.A. in Education and Technology**

Capstone Project Title: "Efficacy of AI-Enabled Intervention in Improving Writing Skills of Children with Mild Intellectual Disabilities"

Supervisor: Sadaqat Mulla, Faculty, CETE, School of Education, Tata Institute of Social Sciences, Mumbai (2023–2025).

NATIONAL LEVEL TESTS/EXAMINATIONS PASSED:

- Qualified UGC-NET in Education on the first attempt (June 2015).
- Qualified Ph.D. Entrance Examination in Psychology at Bharathidasan University, Tiruchirappalli (Reg. No. 2302351007) in February 2023; secured 5th Rank with 74% (valid till 2028).
- Cleared TISS-NET for admission to the MA in EdTech programme at CETE-TISS, Mumbai (Reg. No. C2300613) in March 2023; secured Rank 1 in the Overall Category.

SCHOLARSHIP AND FELLOWSHIP AWARDED

- **National Fellowship (JRF & SRF)**
Awarded by the University Grants Commission (UGC), Government of India, for the period 2014–2019 to pursue M.Phil. and Ph.D. programmes.
- **National Merit-Cum-Means Scholarship**
Awarded by the Ministry of Human Resource Development (MHRD), Government of India, in 2009 for securing the 100th rank in the Higher Secondary Examination (WBCHSE) to support undergraduate studies.
- **Suhashchandra Talukdar Smriti Medha Britti**
Conferred by *Uttarbanga Sambad* in 2010 for outstanding academic merit; one of only five students selected across West Bengal for undergraduate support.

ACADEMIC ACHIEVEMENT OR RANK OR POSITION SECURED

- **Rank Holder** in B. Ed. in Special Education (Mental Retardation) at Jadavpur University in 2013.

- **Second Position** in M. Ed. in Special Education (Mental Retardation) at Faculty of Disability Management and Special Education, Ramakrishna Mission Vivekananda University in 2014.
- Received **Gold Medal** for securing the highest marks in the Certificate Course on Research Methodology (90 Days) offered by Alexis Foundation & the Global Compact and International Forum for Leadership and Sustainability & International Policy Analysis Network in 2014.
- **Best Paper Presenter Award** in a two-day national conference on 'Rights of Persons with Disabilities Act (RPWD-Act) 2016 (Role of ICT)' conducted by Higher Education for Persons with Special Needs, Pondicherry University and National Institute for Empowerment of Persons with Multiple Disabilities, Chennai, Tamil Nadu, 30th & 31st March, 2017.
- **Best Paper Presenter Award** in Two Days National Conference on "Inclusive and Equitable Education for Disadvantaged Groups: Realizing NPE 2020 & SDG4" conducted by Chandigarh College of Education, Mohali, Punjab, in Collaboration with Indian Council of Social Science Research (ICSSR) North Western Region, Punjab University, Chandigarh in May 19 - 20, 2023.
- **Best Paper Presentation Award** in the Multidisciplinary International Virtual Colloquium on "Technology and Society" conducted by KAPI College of Education, Madurai, Tamil Nadu, in collaboration with KESORT and Acumen Foundation and Seva Academy on 16-17 March 2024.
- **AEA 2020 Honours Award for Excellence in Teaching**, awarded at the AEA Conference 2020, organised by KITES Productions – *5th September 2020*.
- **International Distinguished Researcher Award 2023**, conferred during the Global Edu-Conclave 2023 held on *5th September 2023*, organised by I2OR and Green ThinkerZ in collaboration with Western Sydney University and other global partners.

RESEARCH PROJECT COMPLETED

1. Minor Research Project (MRP)

Title: *"A Study on Knowledge and Attitude of Teachers towards Inclusion of Children with Special Needs in Mainstream Schools"*

Funding Agency: Ministry of Education, Government of India

Scheme: Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)

Duration: 2019–2021

Role: Principal Investigator

Fund Sanctioned: ₹1,11,000/-

FUNDED OR SPONSORED PROGRAMMES CONDUCTED

1. One-Day Awareness Programme for SC Students

Title: *“Awareness Program for Students belonging to SC Category”*

Date: 21 December 2022

Collaborating Agency: National Institute for Empowerment of Persons with Multiple Disabilities (Divyangjan), Chennai

Funding Source: Flagship Program for SC/ST Project – DEPwD, MSJ&E, Government of India

Role: Programme Coordinator

Fund Sanctioned: ₹1,11,000/-

2. Five-Day National Workshop

Title: *“Pedagogy Innovation Workshop for Pre-service Teachers”*

Date: 5–9 August 2019

Venue: Department of Teachers’ Training (B.Ed.), Prabhat Kumar College, Contai

Collaborators: TLC & CET, IIT Kharagpur and Contai Science Academy

Role: Programme Coordinator

Funding: Fully Sponsored by TLC, CET, IIT Kharagpur under PMMMNMTT Scheme, MHRD, GoI

3. Three-Day Residential Workshop

Title: *“Active Teaching Learning Processes”*

Date: 13–15 September 2019

Venue: Department of Teachers’ Training (B.Ed.), Prabhat Kumar College, Contai

Collaborators: TLC & CET, IIT Kharagpur, and Contai Science Academy

Role: Programme Coordinator

Funding: Fully Sponsored by TLC, CET, IIT Kharagpur under PMMMNMTT Scheme, MHRD, GoI

PH.D. RESEARCH SCHOLARS UNDER SUPERVISION

NAME	TITLE OF THESIS & DATE OF ADMISSION/REGISTRATION	PLACE OF RESEARCH	STATUS	FELLOWSHIP
SK. PARVEJ AHAMMED SCHOLAR'S ID: PKC203267	"A Study on the Challenges of SwDs in Institutes of Higher Education in West Bengal" Date of Admission: 19.01.2022 Date of Registration: 29.11.2023	Research Centre in Social Sciences and Humanities, Prabhat Kumar College, Contai (Affiliated to Vidyasagar University)	Data Collection is going on	Swami Vivekananda Merit-Cum-Means Scholarship, Govt. of West Bengal
SOMNATH DAS SCHOLAR'S ID: PKC203267	"Status of Implementation of Educational Rights of Persons with Disabilities in Mainstream Schools in the District of Purba Medinipur" Date of Admission: 20.01.2022 Date of Registration: 29.11.2023	Research Centre in Social Sciences and Humanities, Prabhat Kumar College, Contai (Affiliated to Vidyasagar University)	Data Collection is going on	—
ESHITA SAHA SCHOLAR'S ID: PKC223802	Date of Admission: 17.08.2024	Research Centre in Social Sciences and Humanities, Prabhat Kumar College, Contai (Affiliated to Vidyasagar University)	Coursework is going on	UGC-NET-JRF

RESEARCH & TEACHING EXPERIENCE AND PREVIOUS EMPLOYMENT DETAILS

Name and Address of the Organization	Designation	Pay Scale	Period		Nature of Duties
			From	To	
Faculty of Disability Management and Special Education, Ramakrishna Mission Vivekananda University, SRKV Post, Periyanaickenpalayam, Coimbatore, Tamil Nadu - 641020, India	UGC - Junior Research Fellow	Rs. 25,000/- per month plus HRA and Contingency (yearly)	14.08.2014	19.09.2016	<ul style="list-style-type: none">Pursued M.Phil. Research Work.Engaged in Teaching students of B.Ed. in Spl. Edu. (MR) of B.Ed. and M.Ed. n Spl. Edu. (MR) programs.

						<ul style="list-style-type: none">Organized Seminar Conference, Workshops & Cultural Programs.
School of Education, Pondicherry University, Kalapet, Puducherry-605014, India	UGC - Senior Research Fellow	Rs. 28,000/- per month plus HRA and Contingency (yearly)	20.09.2016	05.08.2018	<ul style="list-style-type: none">Pursued Ph.D. Research Work.Engaged in Teaching students of M.Ed. and P.G. Diploma in Teaching Skills Programs.Organized Seminar Conference, Workshops & Cultural Programmes.	
Vivekananda Loksiksha Niketan, Vill. - Faridpur. P.O. - Dakshin Dauki, P.S. - Junput Coastal, Dist. - Purba Medinipur, West Bengal - 721450	Guest Faculty for B.Ed. in Special Education (ID), ODL Course of Netaji Subhash Open University, Kolkata	Honorarium is as per the University Norms	01.01.2021	27.02.2024	<ul style="list-style-type: none">Engaged in Teaching Students of B.Ed. in Special Education (ID) program.	
Voice of World Teachers' Training College, Kolkata, West Bengal -700008	Guest Faculty for B.Ed. in Special Education (VI), ODL Course of Netaji Subhash Open University, Kolkata	Honorarium is as per the University Norms	09.05.2022	01.02.2024	<ul style="list-style-type: none">Engaged in Teaching Students of B.Ed. in Special Education (VI) program.Supervision and Guidance of Students for Field and Practicum WorksRemedial Class	
Chapra Bangalji Mahavidyalaya (Distance Education, Study Centre of University of Kalyani) Bangalji, Chhapra, West Bengal- 741123	Guest Faculty for M.A. in Education - ODL Course of the University of	Honorarium is as per the University Norms	02.03.2022	25.03.2023	<ul style="list-style-type: none">Engaged in Teaching Students of M.A. in Education Programme.	

	Kalyani, Kalyani				
National Institute for Empowerment of Persons with Intellectual Disabilities (NIEPID), RC, B. T. Road, Bonhooghly, Kolkata- 700 090	Guest Faculty for B.Ed. and M.Ed. in Special Education (ID).	Honorarium is as per the University Norms	17.04.2023	10.08.2024	<ul style="list-style-type: none"> Engaged in Teaching Students of B.Ed. Special Education (IDD) and M.Ed. in Special Education (IDD) Programme.
Department of Teachers' Training (B.Ed.), Prabhat Kumar College (Govt. Aided) (Affiliated to Vidyasagar University), Contai, Purba Medinipur, West Bengal- 721404, India	Assistant Professor of Education Stage – II & Academic Level -11	As Per UGC Scale	06.08.2018	16.06.2025	<ul style="list-style-type: none"> Engaged in Teaching at UG, B.Ed. and Ph.D. Level. Supervision of Ph.D. Research scholars. Administrative Work. Organized Seminar Conference, Workshops, FDPs, SDPs & Cultural Programmes. Remedial Class
Department of Education, School of Humanities and Social Sciences, Tezpur University (A Central University), Napaam, Tezpur – 784028, Assam	Assistant Professor	As Per UGC Scale	17.06.2025	Till date	<ul style="list-style-type: none"> Engaged in Teaching at UG, B.Ed. and P.G. Level. Ph.D. Research Supervision Administrative Work and other Departmental Work.

SUBJECTS/COURSES/ PAPERS TAUGHT

Level	Title of Programme	Paper(s) / Subject(s)(Paper(s))	Institute
Under Graduation	B.A. in Education (Hons) B.A. in Education (General) B.A. Hons in Other Subjects (Education as Generic Elective)	<ul style="list-style-type: none"> Psychological Foundation of Education Communicative Skill Curriculum Studies Inclusive Education Special Education Teacher Education 	Prabhat Kumar College, Contai (Vidyasagar University)

		<ul style="list-style-type: none"> • Basic Concept of Educational Research 	
Post Graduation	M.A. in Education	<ul style="list-style-type: none"> • Research Methodology • Teacher Education • Educational Psychology 	Chapra Bangalji Mahavidyalaya (DDE, University of Kalyani)
B.Ed.	B.Ed. General	<ul style="list-style-type: none"> • Childhood and Growing Up • Creating an Inclusive School • Learning and Teaching • Critical Understanding of ICT • Pedagogy (Social Sciences) • Project/Practical Papers 	Prabhat Kumar College, Contai (Vidyasagar University)
B.Ed. in Special Education	B.Ed. in Spl. Edu. (ID) B.Ed. in Spl. Edu. (VI)	<ul style="list-style-type: none"> • Inclusive Education • Introduction to Sensory Disabilities (VI, HI, Deaf-Blind) • Introduction to Neuro-Developmental Disabilities (LD, MR ASD) • Pedagogy of English Language Teaching 	Voice of World Teachers' Training College, Kolkata & Vivekananda Loksiksha Niketan, East Medinipur. (NSOU, ODL Programme)
Doctoral Programme	Ph.D. Coursework	<ul style="list-style-type: none"> • Research Methodology • Research Reporting and Publication Ethics • Inclusive Education • Teacher Education 	Research Centres, Prabhat Kumar College, Contai (Vidyasagar University)
Post Graduation	M.Ed. in Special Education (IDD)	<ul style="list-style-type: none"> • Educational Management 	National Institute for Empowerment of Persons with Intellectual Disabilities (NIEPID), Regional Centre, Kolkata-700 090

PUBLICATIONS

A) Publication in Journals

1. Sarkar, R. & Chandra, S. (2015). Efficacy of adapted games on concept formation among children with mild intellectual disability. *Journal of Disability Management and Special Education*, 5(2), 28-36. (ISSN: 2229-5143). (UGC Approved, Journal No. 42695).
2. Sarkar, R. (2015). Quality teacher education is an instrument to ensure inclusive education: need, challenges, and possible solutions. *University News*, 53(23), 22-26. (ISSN-0566-2257), 31st August - 2nd September, 2015. (UGC Approved, Journal No. 40938). (A Journal of Higher Education published by the Association of Indian Universities).

3. Sarkar, R. (2016). Inclusive university: A way out to ensure quality, equity, and accessibility for students with disabilities in higher education. *International Journal of Advanced Research*, 4(4), 406–412. <https://dx.doi.org/10.21474/IJAR01/312>
4. Sarkar, R. (2015). Teachers' Self-efficacy, attitude, and concern towards inclusion of children with special needs: Lessons from literature. *European Academic Research Journal*, 3 (9), 10080-10099. (ISSN: 2286-4822).
5. Sarkar, R. (2016). Preparing competent teacher for inclusive education: Understanding the Role of Technology. *International Journal of Advanced Research*, 4(4), 383-388, (ISSN: 2320-5407).
6. Sarkar, R. (2015). Swami Vivekananda's ideas and philosophy of education: A way out to promote imperishable development of the nation. *Scholars Impact*, 1(4), 45-58. (ISSN: 2394 -7632, print), (ISSN: 2394 -7640). (UGC Approved, Journal No. 41129).
7. Sarkar, R. (2015). Swami Vivekananda's views on religion: A way out to revitalize the lost humanity and establish world harmony acknowledging religious diversity. *International Journal of Education for the Future* 2(1), 160-166. (ISSN: 2394-9902).
8. Sarkar, R. (2015). 'Nothing about Us without Us'- Empowering persons with disabilities: A developmental approach for the marginalized. *Indian Journal of Applied Research*, 5(12), 39-41. (ISSN-2249-555XX). (UGC Approved, Journal No. 49333).
9. Sarkar, R. (2017). Inclusive education for children with special needs: Developments and practices. *International Journal of Advanced Education and Research*, 2 (3), 167-169. (ISSN: 2455-5746).
10. Sarkar, R. (2017). Early childhood care and education for children with special needs: A way to successful inclusion. *International Journal of Advanced Research*, 5(6), 2203-2208, (ISSN: 2320-5407).
11. Parween, S. & Sarkar, R. (2017). Universal design for learning: A way to ensure total inclusion of individuals with disabilities. *The IASMS Journal of Business Spectrum* (Indian Academy School of Management Studies, Bangalore), 10(2), 24-31. (ISSN: 0974-8016). (UGC Approved, Journal No. 43002).

12. Sarkar, R. (2018). Role of assistive technology in ensuring active participation and inclusion of persons with disabilities. *International Journal of Academic Research and Development*, 3(1), 332–333.
13. Sarkar, R. & Begum, M. (2018). Inclusion of students with learning disabilities in higher education: A Perspective on challenges and accommodations. *RESEARCH REVIEW- International Journal of Multidisciplinary*, 3 (7), 359-363. (ISSN: 2455-3085). (UGC Approved, Journal No. 44945).
14. Sarkar, R. (2018). Supporting participation and inclusion of individuals with Disabilities through Assistive Technology. *RESEARCH REVIEW- International Journal of Multidisciplinary*, 3 (8), 82-84. (ISSN: 2455-3085). (UGC Approved, Journal No. 44945).
15. C. Renuga Devi, C., & Sarkar, R. (2019). Assistive technology for educating persons with intellectual disability. *European Journal of Special Education Research*, 4(3), 184-199. (ISSN:2501-2428).
16. Sarkar, R. & Parween, S. (2021). Disability and exclusion: Social, education and employment perspectives. *Bhutan Journal of Research and Development*, 10(2), 29-47. (E-ISSN: 2789-5254). DOI: <https://doi.org/10.17102/bjrd.rub.10.2.003>.
17. Sarkar, R., Trivedi, A., & Tiwari, V. S. (2021). Early childhood care and education for children with disabilities in National Education Policy 2020 of India: A critique. *International Journal of Early Childhood Special Education (INT-JECSE)*, 13(2), 3001-3010. (ISSN: 1308-5581) (Scopus).
18. Sarkar, R. (2023). Understanding disability and discrimination. *International Education and Research Journal*, 9(8), 33-36. (E-ISSN: 24549916).
19. Sarkar, R., & Rampal. (2023). Individualized learning: Sri Aurobindo's perspective on tailoring education to unique potentials. *Journal of Namibian Studies*, 34 (2), 3137-3146 (ISSN: ISSN:1863-5954, E-ISSN:2197-5523). DOI: <https://doi.org/10.59670/ghjbky74>. (Scopus).
20. Sarkar, R. (2023). National Education Policy 2020 and social justice. *International Journal of Social Impact*, 8(3), 030-036. (ISSN: 2455-670X). DIP: 18.02.004/20230803, DOI: 10.25215/2455/0803004.

21. Sarkar, R. (2023). Understanding mental health-related issues of students with disabilities. *International Journal of Indian Psychology*, 11(3), 4221-4231. (ISSN: 2348-5396). DIP:18.01.392.20231103, DOI:10.25215/1103.392.
22. Sarkar, R. (2023). Exploring challenges of women with disabilities in accessing higher education. *Journal of Disability Studies*, 9(1), 1-7. (ISSN: 2454-6623).
23. Sarkar, R. & Parvej, A. S. (2023). Enhancing competency of teachers through artificial intelligence. *Shikshan Sanshodhan: Journal of Arts, Humanities and Social Sciences*, 6 (9), 37-44. (ISSN(O): 2581-6241).
24. Sarkar, R. (2023). Social media and mental health. *International Journal of Indian Psychology*, 11(4), 2368-2375. (e-ISSN):2348-5396 DIP:18.01.218.20231104, DOI:10.25215/1104.218.
25. Sarkar, R. (2023). Depiction of disability in English Literature: A critique. *Journal of Namibian Studies*, 36 (2), 1660-1670 (ISSN: ISSN:1863-5954, E-ISSN:2197-5523). (DOI: <https://doi.org/10.59670/yvscjt11>. (Scopus).
26. Sarkar, R. (2023). Domestic violence against women with disabilities. *International Journal of Current Advanced Research*, 12 (9), 2512-2517. (ISSN:2319-6475). DOI: <http://dx.doi.org/10.24327/ijcar.2023.2517.1551>
27. Sarkar, R., & Ahammed, S. P. (2024). Role of microteaching in improving skills and competency of teachers. *The Social Science Review: A Multidisciplinary Journal*, 2(1), 146-152. (e-ISSN: 2584 – 0789).
28. Sarkar, R. (2024). Empowering learning: Augmented reality applications for students with intellectual disabilities. *International Journal of Intellectual Disability*, 5(1), 01-05. (E-ISSN: 2710-3897) DOI: 10.22271/27103889.2024.v5.i1a.37
29. Sarkar, R., & Panda, T. (2024). Dharmiyo sanskare Raja Rammohan Royer bhumika. *International Journal of Humanities & Social Science Studies*, 10(1), 158-169. (ISSN: 2349-6959 (Online) DOI: 10.29032/ijhsss.v10.i1.2024.158-169
30. Sarkar, R., & Ghosh, A. (2024). Challenges faced by students with hearing impairment in higher education: A comprehensive analysis. *International Journal of Speech and Audiology*, 5 (1), 06-12. (E-ISSN: 2710-3854) DOI: <https://doi.org/10.22271/27103846.2024.v5.i1a.4>

31. Pariari, S. G., & Sarkar, R. (2024). *Adhunik bharatiya samaj gathoney Raja Rammohan Royer bhumika*. Ebong Prantik, 9 (24), 448-459, (Part-1). (ISSN- 2348-487X (Print) 2582-3841 (Online) DOI: 10.5281/zenodo.10728185
32. Sarkar, R. (2024). *Unlocking voices: Why political participation of persons with disabilities matter*. The Journal of South Asian Exchanges (JSAE), 1(1), 2-7. (e-ISSN:3048 -8877).
33. Sarkar, R. (2024). Cultural compassion in the classroom: Navigating culturally responsive teaching. *The Social Science Review: A Multidisciplinary Journal*, 2(2), 76-79 (e-ISSN: 2584 – 0789). (An international peer-reviewed journal)
34. Sarkar, R. (2024). Navigating dyslexia: hurdles faced by students with dyslexia in higher education. *Journal of Disability Studies*, 10(1), 1-3.
35. Sarkar R. (2024). Love's vital role: Why children thrive with parental care & love?. *Open Access Journal of Behavioural Science & Psychology*, 7(2): 180111.
36. Sarkar R. (2024). Securing inclusion: Cybersecurity challenges through a disability lens. *Swadeshi Research Foundation*, 11 (7), 19-23. (Ex- UGC S.N. 4990, ISSN: 2394-3580).
37. Sarkar, R., & Ahammed, S. P. (2024). Moving towards equitable and inclusive education for persons with disabilities: National Education Policy, 2020. *Academe Journal of Education & Psychology*, 14(1), 8-23. ISSN: 2249-040X.
38. Saha, E., & Sarkar, R. (2024). Educational problems and needs of tribal students at the secondary level in Alipurduar district, West Bengal, India. *European Journal of Education Studies*, 11(11), 511-527. <https://doi.org/10.46827/ejes.v11i11.5632>
39. Ghosh, S., Shinde, D., & Sarkar, R. (2024). The influence of neo-humanist education: An analysis of selected Ananda Marga schools in Purba Medinipur, West Bengal, India. *European Journal of Education Studies*, 11(11). <https://doi.org/10.46827/ejes.v11i11.5642>
40. Sarkar, R. (2024). Internet addiction and its impact on students with intellectual disabilities: A growing concern. *Open Access Journal of Behavioural Science & Psychology (OAJBSP)*, 7(2).
41. Sarkar, R., & Mondal, K. (2024). Understanding student suicide in India: An analysis of root causes, consequences, and preventive strategies. *International Journal of Research and Scientific Innovation*, 11(11), 276–289. <https://doi.org/10.51244/IJRSl.2024.11110020>

42. Manna, R., & Sarkar, R. (2024). Effect of internet usage on the academic achievement of secondary school students. *Asian Journal of Education and Social Studies*, 50(12), 249–260. <https://doi.org/10.9734/ajess/2024/v50i121693>
43. Sarkar, R. & Mondal, K. (2024). Innovative teaching strategies for children with learning disabilities. *Pedagogy of Learning*, 10 (2), 29-35. DOI: 10.46704/pol.2024.v10i02.004
44. Ghosh, S., Shinde, D., & Sarkar, R. (2025). Prabhat Ranjan Sarkar's Neo-humanism: A Framework for Inclusive and Value-based Education. *Asian Journal of Education and Social Studies*, 51(1), 337–343. <https://doi.org/10.9734/ajess/2025/v51i11752>
45. Ghosh, S., Shinde, D., & Sarkar, R. (2025). Redefining School Curriculum through the Lens of P. R. Sarkar's Neo-Humanism. *Asian Journal of Education and Social Studies*, 51(1), 273–279. <https://doi.org/10.9734/ajess/2025/v51i11746>
46. Ratan Sarkar, Muhammedali Palassery Ithikkal, Prasida, Vineetha Prakash, & Jyothi A. (2024). Understanding parental stress: A study of families raising children with intellectual disabilities in West Bengal. *Frontiers in Health Informatics*, 13(3), 3537-3547. (Scopus)
47. Sarkar, R., & Saha, E. (2025). Wrestling with social norms: Exploring disability and acceptance in *The Peanut Butter Falcon*. *International Journal of Trends in English Language and Literature (IJTELL)*, 1(1), 35–39. ISSN: 2582-8487.
48. Ahammed, S. P., & Sarkar, R. (2025). Assessment of basic learning levels in primary school students in mathematics. *International Journal of Emerging Knowledge Studies*, 4(2), 23–32. <https://doi.org/10.70333/ijeks-04-02-s-005>
49. Sarkar, R. (2024). Securing inclusion: Cybersecurity challenges through a disability lens. *Swadeshi Research Foundation: A Monthly Journal of Multidisciplinary Research*, 11(7, Special Issue), 19–23. ISSN: 2394-3580.
50. Sarkar, R. (2024). Breaking the silence: Safeguarding children with disabilities from sexual harassment in schools. *International Journal of Multidisciplinary Research and Modern Education (IJMRME)*, 10(1), 26–32. ISSN: 2454-6119. <https://doi.org/10.5281/zenodo.10693203>

B) Book Review

1. Sarkar, R. (2024). *"The Diving Bell and the Butterfly"* (Book). *Journal of SHIKSHA SAMVAD*, 1 (4), 113-116. (ISSN- 2585-0983 (Online))

C) Chapters in Edited Books

1. Sarkar, R. (2015). 'Is education the panacea for all social evils? Reformation of education system in the light of Vivekananda's idea on education'. In Deb, N. (Eds.), *Education and Development* (p. 175-189). New Delhi: Kunal Books Publishers. (ISBN: 978-93-82420-58-3).
2. Sarkar, R. & Srivastava, A. K. (2015). Recent practices and prospects in pre-service and in-service teacher education with reference to inclusive education in India. In Chowdhury, P. (Eds.), *Inclusive Education: Policy, Practices and Prospects* (p. 55-73). New Delhi: Author Press. (ISBN: 978-93-5207-122-7).
3. Srivastava, A. K. and Sarkar, R. (2015). Inclusive education in India: A way out to reach the unreached and marginalized children with special needs. In Sundara Raj, T. (Eds.), *Social exclusion: Dimensions of marginality in India* (p.191-202). New Delhi: A.P.H. Publishing Corporation. (ISBN: 978-93-313-2683-6).
4. Sarkar, R. (2015). Women empowerment through education is a mechanism of national development: Confronting issues, existing measures and possible solutions in Indian context. In Sharma, G. (Eds.), *Women empowerment in India: Opportunities and challenges* (p. 385-404). Kolkata: New Kali Press. (ISBN: 978-93-81669-88-4).
5. Sarkar, R. & Parween, S. (2015). Violence against women with disabilities in India; A statistical overview, legal enactments and probable approaches for overcoming them. In Murugan, K.R. and Manimekalai, K. (Eds.), *Women and social transformation* (p. 287-297). Published by Department of Women's Studies, Alagappa University, Karaikuri, Tamil Nadu. (ISBN- 978-81-928690-4-9).
6. Sarkar, R. (2016). Discrimination against women with disabilities: Issues and concerns. In Deb, N. (Eds.), *Gender issues and education in modern society* (p. 39-57). New Delhi: Kunal Books Publishers. (ISBN: 978-93-82420-98-9).
7. Sarkar, R. (2016). Assistive technology to ensure inclusive education for PwDs: Need, challenges and remedial strategies in Indian context. In Sreedevi, P.S. (Eds.), *ICT enabled education* (p.174-183). New Delhi: APH Publishing Corporation. (ISBN: 978-93-85876-62-2).

8. Sarkar, R. (2016). Bridging the gender gaps through women empowerment: A linchpin for sustainable development of India. In Biswas, L. (Eds.), *Studies in feminism* (p. 1-16). Partridge India: A Penguin Random House Company. (ISBN: 978-1482871883).
9. Parween, S. & Sarkar, R. (2017). Inclusive classrooms for students with disabilities- Role of assistive technology. In Aswathi. D. (Eds.), *Technology for Transforming Education Emerging Trends and Issues* (p. 37-47). New Delhi: Concept Publishing Company (P) Ltd, (ISBN- 978-93-5125-253-5).
10. Sarkar, R. & Guha, S. (2021). Exploring needs and challenges of online learning: Disability perspective. In Biswas, P. & Achara, S. (Eds.), *Education in the Digital Era Learning, Management and Future in the 21st Century*, (p.163-175). Ghaziabad: N. B. Publications. (ISBN: 978-93-89234-10-7).
11. Sarkar, R. & Guha, S. (2022). Understanding inclusion and need of inclusive teacher education. In Ramakrishnan et al., (Eds.), 'Best Practices in Teacher Education Institution (p.163-175). Chennai: Tamil Nadu Teachers Education University (ISBN: 978-93-5701-472-4).
12. Ahammed, S.P. & Sarkar, R. (2023). Understanding the need for UDL to promote inclusive education for students with disabilities. In Yeasmin, M. (Eds) *Broad Spectrum of Education*, (p.213-229). Ghaziabad: N. B. Publications. (ISBN: 978-93-92446-37-5).
13. Sarkar, R. (2023). Inclusive teaching practices for students with disabilities. In Yadav, S., and Jindal, N. (Eds) *The Power of Inclusion (Creating a Diverse and Empowering Learning Environment)* (p. 228-237). New Delhi: Rachnakar Publishing House. (ISBN: 978-93-91791-60-5).
14. Sarkar, R. (2023). Artificial intelligence on building personal, social and vocational competency of persons with intellectual disability. In Mani, T. S., Shrivastava, T., Vishnoi, K. & Kalyani, L. K. (Eds) *Artificial Intelligence: A New Era of Change in Education* (Volume – 01) (p. 56-72). New Delhi: Rachnakar Publishing House (ISBN: 978-93-91791-89-6).
15. Sarkar, R. & Ahammed, S. P. (2023). India's National Education Policy 2020: A Step towards reformation of schools. In Haldar, A., & Sahoo, S. (Eds) *Education for Transformation*. (p. 132-241). New Delhi: Crescent Publishing Corporation. (ISBN: 978-93-91771)

16. Sarkar, R. & Ahammed, S. P. (2023). Application of artificial intelligence to address challenges of students with learning disabilities in the classroom. In Roy, S. S. & Amiruddin SK. (Eds) *Online Education: An Approach for the Learning of the Present Generation*. (p. 12-21). 88-90 REDMAC, Navamuvada: Red'Shine Publication Pvt. Ltd. Headquarters (India): (ISBN: 978-93-5879-836-4) DOI: 10.25215/935879836X.
17. Sarkar, R. (2023). Reproductive rights of persons with disabilities. In Roy, K. (Eds) *LGBTQIA+ Community and Human Rights*. (p. 87-99). London: Infinity Publications LLC. (ISBN: 978-1-304-90734-9) DOI: 10.25215/1304907341.
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19. Sarkar, R. (2023). A discourse on online learning and its ethical issues. In Mani, T. S., Shrivastava, T., Vishnoi, K. & Kalyani, L. K. (Eds) *Transforming the Education Through Digitalization* (Volume - 01) (p. 40- 51). New Delhi: Rachnakar Publishing House (ISBN: 978-93-91791-83-4).
20. Sarkar, R., & Samanta, Y. (2023). Developing the concept of reliability. In Samanta, S., Roy, J., & Banerjee, R. (Eds) *Education and Evaluation* (p. 119- 205). New Delhi: Kunal Books (Publisher and Distributors) (ISBN: 976-61-967361-9-8).
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22. Sarkar, R. (2024). Mastering minds: Unveiling the power of Cognitive Load Theory. In Murmu. K., & Pandey, P. (Eds) *'Pedagogical Innovations In Higher Education'* (p.175- 183). Lunawada, India: Red'Shine Publication Pvt. Ltd. (ISBN: 978-93-5879-944-6 & ISBN-10: 93-5879-944-7), <https://doi.org/10.25215/9358799447.16>
23. Sarkar, R. & Sengupta, A. (2024). Inclusive Education and Its Benefits. In Pallavi, Singh, B., & Mani, S. T. (Eds) *'Inclusive Education Approaches and Processes* (p. 135- 149). Uttar Pradesh: Surya Multidisciplinary Publication. (ISBN: 978-81-972279-4-3).

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34. Sarkar, R., Parmar, D. V., Trivedi, N. B., Prabakaran, S., Chandra, S., & Boopathi, S. (2024). Pedagogical Contents Developments and Specialized Training for Teaching Careers. In *Advances in educational technologies and instructional design book series* (pp. 187–216). <https://doi.org/10.4018/979-8-3693-4058-5.ch008>
35. Sarkar, R., Shandilya, S., Anand, T., Sri, R. R., Dhanaraj, K., & Boopathi, S. (2025). Best Practices and Frameworks for Higher Education: Optimizing Learning Progressions Using Recent Tools. In T. Murugan, K. P., & A. Abirami (Eds.), *Driving Quality Education Through AI and Data Science* (pp. 51-72). IGI Global Scientific Publishing. <https://doi.org/10.4018/979-8-3693-8292-9.ch003>
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37. Kaur, R., Sarkar, R., Lalitha, M., Chandra, S., & Anand, T. (2026). The effect of AI-enhanced gamification on learning outcomes in higher education. In *Digital transformation and sustainability in higher education* (Chapter 4, p. 30). IGI Global. <https://doi.org/10.4018/979-8-3373-5077-6.ch004>

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D) Article in Conference/Seminar Proceedings

1. Sarkar, R. (2015). Integrating ICT in education is a catalyst to promote universal design for learning for students with special needs: Needs, challenges, and possible solutions. In Jharotia, A. K., Bansal, V., Mittal, R. and Bhatia, A. B. (Eds.), *National Conference: Library Information Science & Information Technology for Education* (p. 402-412). New Delhi: Modern Rohini Education Society. (ISBN: 1-63102-455-8). (Full Paper).
2. Sarkar, R. (2015). Addressing learning challenges in mathematics among students with learning disabilities in inclusive settings (p. 161-173). In Prasad, V.S. (Eds.), *Teaching of Mathematics: Approaches and Challenges*, Mysore: Regional Institute of Education, NCERT, New Delhi. (Full Paper).
3. Sarkar, R. & Sudha, A. (2014). '*Effect of instructional strategies for children with mental retardation in behaviour modification*' a research paper was published in the Compendium of International Conference on 'Empowerment of Persons with Multiple' (p. 50-53) by NIEPMD. Kolkata: S R Publishing House. (ISBN: 978-81-928032-2-7). (Full Paper).
4. Sarkar, R. & Srivastava, A. K. (2015). *Assistive technology and devices; A boon to promote quality education among children with mild intellectual disability in inclusive set up*. An article was published in the proceedings of national seminar on 'Assistive Technology in Education and Sports for Total Inclusion of Persons with Disability' (p. 21-22) by Ramakrishna Mission Vivekananda University, in collaboration with NIEPMD. (ISBN-987-93-5196-7415) (Abstract).
5. Sarkar, R. & Srivastava, A. K. (2015). *Successful implementation of inclusive education in the light of revamped teacher education in India: A reality check*. An article was published in the proceedings of two days national seminar on 'Skills to Excel in Higher Education' (p. 9-10) by Department of Education, University of Lucknow. (ISBN: 938013-44-1) (Abstract).

6. Sarkar, R. & Begum, M. (2017). Is the Right Education Act, 2009 an Inclusive Policy for Children with Special Needs? A Critical Analysis (p. 49). An article was published in the proceeding of two-day UGC sponsored national seminar on 'Social Transformation towards Inclusive Growth of Marginalized Communities, 3rd and 4th January, 2017' by the Department of Adult, Continuing Education and Extension, Savitribai Phule Pune University (formerly University of Pune), Pune (ISBN: 978-93-85991-23-3) (Abstract).
7. Sarkar, R., Khatri, E., Anand, T., Wasnik, J. S., Kamde, R. A., & Firake, B. S. (2025). *Predicting the influence of internet use on student academic performance using generative adversarial networks*. In Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2025) (DVD Part No. CFP25AV8-DVD; ISBN: 979-8-3315-0966-8). St. Mother Theresa Engineering College, Tuticorin, Tamil Nadu, India. (IEEE). (Full Paper).
8. Sarkar, R. (2024). Long-term Effects of Congenital Cardiovascular Anomalies on Cognitive Function and Physical Decline in Senior Adults. *AIP Conference Proceedings* (Scopus). (Presented on 22.10.2024). [In process].
9. Sarkar, R., Harish, D., & Pugazh, A. (2024). The Utilization of Artificial Intelligence to Support Students with Learning Disabilities: A Focus on Dyslexia, Dyscalculia, and Broader Learning Disorders. *AIP Conference Proceedings* (Scopus). (Presented on 22.10.2024). [In process].
10. Sarkar, R., Ithikkal, M. P., & Noufal, P. (2024). Adaptive Learning Through AI: Personalized Education for Children with Learning Disabilities. *AIP Conference Proceedings* (Scopus). (Presented on 22.10.2024). [In process].
11. Sarkar, R., & Ghosh, A. (2024). Digital Solutions for Inclusive Classrooms: Technology's Impact on Disability and Education. *AIP Conference Proceedings* (Scopus). (Presented on 22.10.2024). [In process].
12. Sarkar, R., Sharma, A., Bhutani, M., Saini, R., Manimegalai, V., & Kumar, G. D. (2025). *Mitigating Social Engineering Attacks Through AI and Behavioral Analytics in Human-Centric Cybersecurity*. 6th International Conference on Data Analytics and Management (ICDAM-2025), jointly organized by London Metropolitan University (UK), WSG University (Poland), Portalegre Polytechnic University (Portugal), and SGGW Management Institute (Poland), held from 13th to 15th June 2025. Accepted for publication in Springer Lecture

Notes in Networks and Systems (Scopus Indexed, ISSN: 2367-3389; 2367-3370). [In process].

E) Edited Books

1. Sarkar, R. & Begum, M. (Eds.). (2018). *Disability and Inclusion: From Rationale to Reality*. New Delhi: Adhyayan Publication (ISBN: 978-81-8435-469-0).
2. Sarkar, R. & Begum, M. (Eds.). (2018). *Inclusive Education for Persons with Disabilities: A Methodical Guide Book*. New Delhi: Adhyayan Publication (ISBN: 978-81-8435-616-8).
3. Sarkar, R. & Atta, S. (Eds.). (2021). *Creating an Inclusive Schooling System*. (An Edited Book). Republic of Moldova Europe: LAP Lambert Academic Publishing House (ISBN: 978-620-4-19169-0).
4. Sarkar, R. and Baskey, S. K. (Eds.). (2024). *A Handbook on Academic Accommodation for Students with Disabilities in Higher Education*. Stockholm, Sweden: Red'Shine Publication, Sweden. ISBN: 978-91-989240-6-0, DOI: 10.25215/9198924060
5. Rout, J., Sarkar, R., Ramesh, S., Dhingra, A., Toppo, H. N., Roy, P., Srilatha, B., & Hamid, M. (Eds.). (2024). *Futuristic trends in social sciences: Volume 3, Book 10*. IIP Iterative International Publishers. <https://doi.org/978-93-5747-857-1>
6. Sarkar, R., Ahammed, S. P., & Amiruddin, S. (Eds.). (2024). *Revolutionizing education: Reforms for the 21st century*. New Delhi: Crescent Publishing Corporation. (ISBN: 978-93-48302-20-5)
7. Sarkar, R., Ahammed, S. P., & Saha, E. (Eds.). (2025). *Techniques, principles, methods, and approaches of teaching*. New Delhi: Crescent Publishing Corporation. (ISBN: 978-93-48302-69-4).
8. Sarkar, R. (Ed.). (2025). *Advancing inclusive education for persons with disabilities through technology*. Nepal, Kathmandu: Maya Publication Pvt. Ltd. (ISBN: 9789937-980456).

F) Textbook for School

1. Sarkar, R. (2025). *শিক্ষা বিজ্ঞান (Siksha Bigyan) [Education]* (For Class XI, Semester I, written as per the syllabus of the West Bengal Council of Higher Secondary Education [WBCHE]). Spellbound Publication. ISBN: 978-81-986293-1-9. (Bengali Version; approved by WBCHE).

G) Book on Poetry

1. Sarkar, R. (2025). *Echoes of the soul* (ISBN 978-81-984779-4-1). Sayantani Publication: Kolkata.

PATENT PUBLISHED & AWARDED

1. Title of Invention: *Earthquake Early Prediction System with Deep Learning and IoT Integration Based on Animal EEG Data Patterns* (Application ID: 202441029739. Date of Publication (U/S 11A): 19/04/2024) Indian Patent
2. Title of Invention: *Efficient Grid-to-Vehicle Communication Protocol Utilizing Artificial Intelligence for Demand Response Management* (Application ID: 202441028765. Date of Publication (U/S 11A): 19/04/2024). Indian Patent
3. Title of Invention: *A Sensor-Based Walking Aid Enhanced with Artificial Intelligence for Elderly Individuals* (Application ID: 202441028375. Date of Publication (U/S 11A): 19/04/2024). Indian Patent
4. Title of Invention: *AI-Enhanced English Language Learning Platform* (Application ID: 202441033205. Date of Publication (U/S 11A): 03/05/2024). Indian Patent
5. Title of Invention: *Biodegradable Plastic Material with Enhanced Environmental Compatibility for Marine Life Protection* (Application ID: 202411030059. Date of Publication (U/S 11A): 10/05/2024). Indian Patent
6. Title of Invention: *Neurostimulation Device for Pain Management in Individuals with Spinal Cord Injuries* (Application ID: 416240-001/ Design No. : 416240-001). Indian Design Patent. Filed on 08/05/2024. Date of Issue of Certificate: 04/07/2024
7. Title of Invention: *Gamification-Based Competency Development Tool for Management and Leadership Training* (Application ID: 202411041993). IP. Published on 07/06/2024
8. Title of Invention: *Mental Wellness Monitoring Device* (Design No. 6396545), granted on Oct 18, 2024, registered under the Registered Designs Act 1949 by the UK IPO; owners: Dr. Sivanandha Saraswathy Malaiaandi, Boya Amarnath Naidu, Dr. Chandrakant Pandurang, Dr. Ratan Sarkar, Mr. Vishwanadham Mandala, Dr. Fatima Mohsin Inamdar, Dr. Abhay Sharma.
9. Title of Invention: *Foldable Walking Chair Stick for Orthopaedic Patients* (Design No. 425667-001), granted on August 2, 2024, registered under the Designs Act, 2000 and Designs Rules,

2001 by the Indian Patent Office; owners: Dr. Ratan Sarkar, Dr. Debasree Chatterjee, Mr. Subhadeep Banerjee, Mr. Aritra Acharya.

ENGAGEMENTS AS RESOURCE PERSON AND INVITED SPEAKER

1. Acted as Resource Person (Chaired a Session) and presented paper entitled “Role of media in implementation of RPwD Act, 2016” in two-day national conference on ‘Rights of Persons with Disabilities Act, 2016: Opportunities & Challenges’ conducted by National Institute for Empowerment of Persons with Multiple Disabilities, Chennai, Tamil Nadu, 4th & 5th April, 2017.
2. Acted as Resource Person and presented paper entitled “Accessible India campaign” in two days CRE Training Programme on “Accessibility: Flagship Programme of Govt. of India” conducted by National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD), Chennai, Tamil Nadu, at Vijay Human Service, Kottivakkam, Chennai, Tamilnadu on 06th & 07th December 2017.
3. Acted as Resource Person and delivered a lecture on “Pre-vocational skill for persons with intellectual disability” in three-days CRE Training Programme on “Pre-vocational skill” conducted by Vivekananda Loksiksha Niketan, Faridpur: P.O. Dakshin Dauki: Dist.-Purba Medinipur: PIN-721 450, during 16th May to 18th May, 2019 (Sponsored by RCI, New Delhi).
4. Delivered an invited lecture on “Building accessible environment in inclusive schools” in a Five-Day online training programme conducted by FDMSE, RKMVERI on 21.08.2020.
5. Delivered an invited lecture on “Exclusionary mechanism in mainstream schooling system” in a Panel Discussion conducted by WBFRP, on 17.03.2021.
6. Chaired a session in a two-day National Conference on “Inclusive education: Best practices in India” conducted by MVK, Kolkata on 25.03.2021-26. 03.2021.
7. Delivered an invited lecture on “The importance of sign language” in the online webinar on “We are Inclusive” conducted by Apeejay School, Kolkata on 23.09.2021.
8. Delivered an invited lecture on “Professional ethics in practice of rehabilitation science” in a CRE programme conducted by ICFAI University, Tripura, on 26.10.2021-27.10.2021.

9. Delivered an invited lecture on “Role of technology in curriculum development and delivery” in National Webinar on “Application of Technology in Education and Training” conducted by NIEPMD on 30.12.2021-31.12.2021.
10. Delivered an invited lecture on “Introduction to disability and assistive devices” in a “Training Program for Special Educators” conducted by ICFAI University, Tripura, 03.08.2021-05.08.2021.
11. Delivered an invited lecture on “Role of technology in curriculum development and delivery” in National Webinar on “Application of Technology in Education and Training” conducted by NIEPMD, Chennai on 30.12.2021-31.12.2021.
12. Delivered an invited lecture on “Role of AT in empowering PwDs” in a CRE programme conducted by MVK, Kolkata, on 19.01.2022-20.01.2022.
13. Delivered an invited lecture on “Assistive technology and devices for PwDs: Understanding the need” in a CRE programme conducted by Voice of World, Kolkata on 11.02.2022-12.02.2022.
14. Delivered an invited lecture on “Challenges for education in inclusive classroom” in a CRE programme conducted by TDSETC, Alipurduar on 25.03.2022-27.03.2022.
15. Acted as a Keynote Speaker and delivered a lecture on “Development of effective TLM for PwDs” in a three-day CRE programme conducted by Noble Mission, Kolkata on 25.03.2022-27.03.2022.
16. Delivered an invited lecture in a CRE programme “Introduction and challenges to inclusive education” conducted by Vivekananda Loksiksha Niketan, Purba Medinipur on 26.03.2022.
17. Delivered an invited lecture on “Understanding and management of behaviours of CwSLD in inclusive classroom” in a CRE programme conducted by TDSETC, Alipurduar on 27.05.2022.
18. Delivered an invited lecture on “Teacher education in the light of NEP 2020” at Vivekananda Primary Teachers’ Training Institute (Add. Course B.Ed.) on 4th July, 2022.
19. Acted as Invited Speaker and delivered a lecture on “Legal frame work for inclusive education in India” for the “Teachers’ Sensitization cum Orientation & Training Program on Inclusive Education for the Children with Special Needs (CwSN)” (covering all Govt., Govt. aided, Govt. Sponsored schools, and SSK, MSK of Govt. of West Bengal) conducted by the Dept. of School Education and JBNSTS, Govt. of West Bengal on 12th July, 2022.

20. Acted as Resource Person and delivered a lecture on “Functional arithmetic: Need, importance and teaching strategies” in the three days CRE Programme on “Functional Academics” conducted by Vivekananda Loksiksha Niketan, Faridpur: P.O. Dakshin Dauki: Dist.-Purba Medinipur: PIN-721 450, from 17th March to 19th March, 2023 (Sponsored by RCI, New Delhi).
21. Acted as Invited Speaker and delivered a lecture on “Concessions, benefits and schemes for persons with disabilities” for the “Teachers’ Sensitization cum Orientation & Training Program on Inclusive Education for the Children with Special Needs (CWSN)” (covering all Govt., Govt. aided, Govt. Sponsored schools, and SSK, MSK of Govt. of West Bengal) conducted by the Dept. of School Education and JBNSTS, Govt. of West Bengal on 11th April, 2023.
22. Acted as Resource Person and delivered a lecture on “Universal design for learning: teaching every student in inclusive schools” in the “Three Days – Middle/High School Science Teachers’ Training Program” conducted under the financial support of the Department of Science & Technology & Biotechnology, Government of West Bengal, by JBNSTS, Kolkata, on 25- 28 April 2023.
23. Delivered an invited lecture on “Impact of research in education” at Midnapore City College, Paschim Medinipur on May 15, 2023.
24. Delivered an invited lecture on the topic entitled “Government benefits for persons with disabilities” at Manovikas Kendra Research & Rehabilitation Institute, Kolkata on 10th June, 2023.
25. Delivered an invited lecture on the topic entitled “Need and importance of engaging students in research” in the fortnightly Online Extension/Special Lecture Series Organized by the Department of Education, Sitaram Mahato Memorial College, Anandadeep, P.O.- Kuruktopa, Dist.- Purulia, West Bengal - 723128, on 15th October 2023.
26. Acted as Resource Person and delivered an invited lecture on the topic entitled “Supporting communication for children with disabilities” in 3-day zonal level CRE programme approved by RCI, Gov. of India at Tarai and Dooars Special Education Training College, Purba Kathalbari, Alipurduar, WB -736204 on 24-26 November, 2023.

27. Delivered an invited talk on “Need and importance of engaging students in research” as Resource Person in the 119th episode of *Boithoki* organized by Sitaram Mahato Memorial College on 15th October 2023.
28. Acted as Resource Person and delivered an invited lecture on the topic entitled “Introduction about learning disability” in a 3-day zonal level CRE programme approved by RCI, Gov. of India at Tarai and Dooars Special Education Training College, Purba Kathalbari, Alipurduar, WB -736204 on 27-29 November, 2023.
29. Delivered an invited talk on “The rights of persons with disabilities with reference to the RPwD Act 2016” at *SAMANWOY – A Confluence of the Specially Abled*, organized by DeepRanjani Foundation in collaboration with Rotary Club of Kolkata, held on 3rd December 2023 to commemorate the International Day of Persons with Disabilities.
30. Acted as Resource Person and delivered a lecture on “Curriculum for specific learning disability” in three days CRE Training Programme on “Specific Learning Disability” conducted by Vivekananda Loksiksha Niketan, Faridpur: P.O. Dakshin Dauki: Dist.-Purba Medinipur: PIN-721 450, during 6th January, 2024 (Sponsored by RCI, New Delhi).
31. Delivered an invited lecture on the topic “*Twenty-first century skills for students*” in an Online Seminar organized by IQAC, Chapra Bangalji Mahavidyalaya, Nadia (University of Kalyani), during Students’ Week 2024 on 7th January 2024.
32. Acted as Resource Person and delivered a lecture on “Interpretation of reports in the field of individualized family support programmes” and “Service Delivery Methods in the Field of Individualized Family Support Programmes for Children with Disabilities” in three days CRE Training Programme on “Individualized Family Support Programmes” conducted by Moyna Ramakrishnayan Association, Moyna, Purba Medinipur: PIN-721629, during 16.03.2024 – 18.03.2024. (Sponsored by RCI, New Delhi).
33. Acted as Resource Person and delivered an invited lecture on the topic entitled “Strategies for improving communication skills among children with cerebral palsy” in a one-day national-level CRE program approved by RCI, Gov. of India at Tarai and Dooars Special Education Training College, Purba Kathalbari, Alipurduar, WB -736204 on August 31, 2024. (Sponsored by RCI, New Delhi).

34. Acted as Resource Person and delivered a lecture on “(1) International and national frameworks, acts to facilitate inclusive education and (2) Inclusive education and RTE 2009 and RPwD Act 2016” in three days State Level CRE Training Programme on “Inclusive Education” conducted by Moyna Ramakrishnayan Association, Moyna, Purba Medinipur: PIN-721629, during 26.10.2024 – 28.10.2024. (Sponsored by RCI, New Delhi).
35. Acted as Resource Person and delivered a lecture on “Role of technology in curriculum adaptation and transaction” in the three-day CRE Programme on “Curriculum Adaptation and UDL” conducted by Vivekananda Loksiksha Niketan, Faridpur: P.O. Dakshin Dauki: Dist.- Purba Medinipur: PIN-721 450, from 22nd November 2024 to 24th November 2024, (Sponsored by RCI, New Delhi).
36. Delivered an expert talk as a Speaker in the IIRN Webinar Series 3.7 on 28th February 2025, organized by the India Inclusive Research Network (IIRN). The session, chaired by Prof. Richard Rose, University of Northampton, and Dr. Jayanthi Narayan, Former Director, NIMH, Hyderabad, focused on inclusive education and disability studies, contributing to knowledge dissemination among educators, researchers, and practitioners across India.
37. Delivered an invited guest lecture for the Postgraduate Diploma in Inclusive Education programme at Azim Premji University, Bengaluru, on the topic *"The need and process of policy formation and legislation to achieve education for all"*, held online on 17th April 2025.
38. Delivered an lecture as Guest of Honour at Santra Kamal Lochan High School (H.S.), Block Ramnagar, Purba Medinipur, on 17th May 2025, during its Platinum Jubilee Celebration, to deliver a motivational address on the topic “Dream, struggle, rise: Lessons from three lives – Arjuna, Karna, & Prof. Narayan Chandra Rana.”
39. Acted as Chief Guest and Resource Person and delivered an expert talk “Practical strategies and empowering insights for fostering mental well-being and resilience” in the Online Seminar on *"Mental Health and Stress Management"*, jointly organized by B.E.K.S. Sansthan and Chetna Wellness Centre in collaboration with Amity University, Uttar Pradesh, Lucknow Campus, on 23rd May 2025.
40. Delivered an invited lecture on *"International legislation for persons with disabilities"* as a Resource Person in a CRE Programme organized by Vivekananda Loksiksha Niketan, Faridpur:

P.O. Dakshin Dauki: Dist.-Purba Medinipur: PIN-721 450, from 30th to 31st May 2025
(Sponsored by RCI, New Delhi).

41. Acted as Resource Person and delivered an expert lecture on “Managing behavioural problems in children with special needs” in the State-Level 3-Day CRE Programme on *Techniques of Behaviour Management with CwSN*, organized by Moyna Ramkrishnayan Association, Purba Medinipur (RCI-accredited), held from 7th to 9th March 2025.
42. Acted as Resource Person and delivered a lecture on “RPwD Act (2016) and the role of sports in inclusion and empowerment” during the National Master Training Programme organized by Olympism365 Bengal Collective and CWF, Kolkata at Visva-Bharati University, Bolpur Shantiniketan, on 26th February 2025.
43. Served as a Resource Person and delivered a session on “*Understanding digital pedagogy: Theoretical foundations*” in the Online Faculty Development Programme on “*Empowering Educators for Effective Teaching and Learning*” organized by the ICFAI Education School, ICFAI University, Dehradun, on 25th March 2025.

PRESENTATIONS

Presentation at National Seminar/Conference

1. Presented paper entitled “Inclusive education in India: A way out to reach the unreached and marginalized children with special needs” in ICSSR sponsored two-day national seminar on ‘Developments at Margins: Marginality and Marginalization in India’s Growth Story’, held at Department of Sociology, Periyar University, Salem, Tamil Nadu, 22nd & 23rd January, 2015. Co-Author: Dr. Abhishek Kumar Srivastava.
2. Presented paper entitled “Assistive technology and devices; A boon to promote quality education among children with mild intellectual disability in inclusive set up” in national seminar on ‘Assistive Technology in Education and Sports for total Inclusion of Persons with Disability’, organised by NIEPMD in collaboration with Ramakrishna Mission Vivekananda University (FDMSE), Coimbatore, Tamil Nadu, 6th & 7th February, 2015. Co-Author: Dr. Abhishek Kumar Srivastava.

3. Presented paper entitled “Recent practices and prospects in pre-service and in-service teacher education with reference to inclusive education in India” in UGC sponsored two days national seminar on ‘Policies, Practices and Prospects in Inclusive Education in India’, organised by Satyapriya Roy College of Education in Collaboration with Jadavpur University, Kolkata, West Bengal, 21st & 22nd March, 2015. Co-Author: Dr. Abhishek Kumar Srivastava.
4. Presented paper entitled “Is education a panacea for all evils in India? Reformation of twenty-first century education in India in the light of Swami Vivekananda’s ideas” in UGC sponsored national seminar on ‘Relevance of Swami Vivekananda’s Thoughts in the Twenty-First Century’, organised by Arignar Anna Govt. Arts & Science College in Collaboration with Pondicherry University, Karaikal, Puducherry, 27th & 28th March, 2015.
5. Presented paper entitled “Integrating ICT in education is a catalyst to promote universal design for learning for students with special needs: Need, challenges, and possible solutions” in national conference on ‘Library Information Science and Information Technology in Education’, held at Modern Rohini Education Society, New Delhi, on 27th August, 2015.
6. Presented paper entitled “Ensuring total inclusion of individuals with disabilities through universal design for learning” in national seminar on ‘Reflective Practices in Pedagogy: Technology Integration’, held at Regional Institute of Education, (NCERT) Bhopal, 27th - 29th November, 2015.
7. Presented paper entitled “Nothing about us without us: Empowering persons with disabilities: A developmental approach for the marginalized” in national Seminar on ‘Empowering People: A Parity of Social Work Profession’, held at Department of Social Work, Bharathiar University, Coimbatore, Tamil Nadu, 3rd & 4th November, 2015.
8. Presented paper entitled “Successful implementation of inclusive education in the light of revamped teacher education in India: A reality check” in two-day national Seminar on ‘Skills to Excel in Higher Education’, organised by Eram Girls College in Collaboration with Department of Education, University of Lucknow, Lucknow, Uttar Pradesh, 20th & 21st September, 2015. Co-Author: Dr. Abhishek Kumar Srivastava.
9. Presented paper entitled “Addressing learning challenges in mathematics among students with learning disabilities in inclusive settings” in two-day national conference on

‘Mathematics Teaching Approaches and Challenges’ held at Regional Institute of Education, (NCERT), Mysuru, 21st & 22nd December, 2015.

10. Presented paper entitled “Assistive technology to ensure inclusive education for PwDs: need, challenges and remedial strategies in Indian Context” in UGC sponsored two-day national seminar on ‘ICT Enabled Education for Excellence’, held at the Department of Education, Gandhigram Rural Institute -Deemed University, Dindigul, Tamil Nadu, 8th & 9th February, 2016.
11. Presented paper entitled “Assistive technology to support active participation and full inclusion of persons with disabilities” in two-day national conference on ‘Rights of Persons with Disabilities Act (RPWD-Act) 2016 (Role of Information and Communication Technology)’ conducted by Higher Education for Persons with Special Needs, Pondicherry University and National Institute for Empowerment of Persons with Multiple Disabilities, Chennai, Tamil Nadu, held on 30th & 31st March, 2017.
12. Presented paper titled “Understanding religious fanaticism, bigotry and Hinduism: Perspective of Vivekananda” in a One-Day National Seminar on “Tradition, Religion and Morality: An Indian Perspective” held at Prabhat Kumar College, sponsored by Indian Council of Philosophical Research (ICPR), MHRD, New Delhi on September 16, 2019.
13. Presented paper titled “Swami Vivekananda’s standpoints on religion to ensure secularism” in two-day International Conference on ‘Reason, Culture and Morality’ held at Prabhat Kumar College, Contai on 8th & 9th January, 2019.
14. Presented paper in National Conference on “Independent living and sustainable development” conducted by NIEPID, RC Kolkata on 22 & 23. 11.2019.
15. Presented a paper titled “Accessible environment in inclusive schools for persons with disabilities- A dialogue” in a National Level Webinar on “Introduction and Challenges of Inclusive Education” conducted by National Institute for Empowerment of Persons with Disabilities (NIEPMD), Chennai – 23rd - 24th February 2022.
16. Presented a paper entitled “Framework for implementation of inclusive education in National Education Policy, 2020” in “Two Day National Level Conference on Education Policy: Development, Analysis and Impact” organized by Department

of Education, University of Calcutta, Kolkata – 700027 on 30-31 March, 2023. Co -author: Sk. Parvej Ahammed.

17. Presented a paper entitled “Understanding the need of universal design for learning (UDL) to promote inclusive education for students with disabilities” in the Two Day ICSSR Sponsored “National Seminar on Inclusive Society for a Sustainable Future” organized by Department of Education, Aliah University, West Bengal on March 29 - 30, 2023. Co -author: Sk. Parvej Ahammed.
18. Presented a paper entitled "Assessment of basic learning levels of school students in bengali language in West Bengal" in One-Day National Seminar on "Education for the 21st Century: Meeting the for the Challenges of the Changing World" organised by the Department of Education & IQAC of West Bengal State University on 28th April, 2023. Co -author: Sk. Parvej Ahammed.
19. Presented a paper entitled "NEP 2020: Teacher education reforms" in Two-day National Seminar on “NEP 2020: Vocationalization, Future Perspectives, Opportunities and Challenges” conducted by College of Education, Dewan Institute of Management Studies (Affiliated to Ch. Charan Singh University, Meerut), Uttar Pradesh on May 6 & 8, 2023.
20. Presented a paper entitled "Execution of universal design for learning: Role of teachers" in NAAC-sponsored one-day national seminar on “Quality Enhancement Through Outcome Based Education” conducted by Shri Sanatan Dharam Girls' College, Bathinda (Affiliated to Punjabi University), Bathinda on May 13, 2023.
21. Presented a paper entitled "Decoding disability and discrimination: Educational, workplace and healthcare perspective” in Two Days National Conference on “Inclusive and Equitable Education for Disadvantaged Groups: Realizing NPE 2020 & SDG4” conducted by Chandigarh College of Education, Mohali, Punjab, in Collaboration with Indian Council of Social Science Research (ICSSR) North Western Region, Punjab University, Chandigarh in May 19 - 20, 2023.
22. Presented a paper entitled "Understanding the need of inclusive teacher education in the era of digitalization” in One Day National Seminar on “Digital Learning and Transformation in Education: Problems and Prospects” conducted by Vidyasagar College of Education, Darjeeling in collaraboration with UGC-HRDC, University of North Bengal, on May 20, 2023.

23. Presented a paper entitled "NEP 2020 and teacher education: Key observations" in One Day ICSSR sponsored National Seminar on "Quality Concerns in Teacher Education" conducted by Punjab College of Education, Punjab on May 23, 2023.
24. Presented a paper entitled "*Execution of universal design for learning: Role of teachers' in the NAAC-sponsored National Seminar on "Quality Enhancement Through Outcome Based Education", organized by the Internal Quality Assurance Cell (IQAC) of S.S.D. Girls' College, Bathinda, on 13th May 2023.*
25. Presented a paper in the ICSSR-Sponsored National Seminar on "Reimagining disability studies in the 21st century: Interdisciplinary perspectives", organized by the Department of English, Prabhat Kumar College, Contai, on 21st and 22nd September 2023.
26. Presented a paper entitled "Assistive technology for persons with disabilities: A discourse of access and equity in education" in the NAAC-sponsored National seminar on "Creation and Use of Open Educational Resources," Organized by IQAC, Banwarilal Bhalotia College, Asansol, on 23-24th June, 2023.
27. Presented a paper entitled "Role of artificial intelligence in enhancing competency of teachers" at National Seminar on "Transformative Role of Teachers" organized by Department of B.Ed. and IQAC, Bijoy Krishna Girls' College, Howrah on 4th – 5th August, 2023.
28. Presented a paper entitled "Need of yoga for persons with mental illness" in a one-day National Webinar on "Yoga and Its Importance in Life" organized by Government College, Makdone, Ujjain, (Sponsored by MP Higher Education) on 25 August 2023.
29. Presented a paper entitled "Understanding the need of value education" in One Day National Level Seminar (Blended Mode) on "Importance of Value-Education" organized by NSS Unit-I, Departments of Sanskrit, English & Philosophy in Collaboration with the I.Q.A.C., Swarnamoyee Jogendranath Mahavidyalay, Nandigram, Purba Medinipur, WB- 721650 on 5th September, 2023.
30. Presented a paper entitled "*Technology-enabled assessment for students with disabilities*" in the National Conference on "Transforming Assessment for Holistic Development of Students", organized by the Regional Institute of Education (RIE), NCERT, Bhubaneswar, held on 26th–27th September 2023.

31. Presented a paper entitled “Will national education policy 2020 ensure social justice? – An analysis” in One Day National Webinar on ‘NEP 2020: Implementation, Challenges and Solution’ organized by Shaskiya Mahavidyalaya, Ashokenagar, on 28th August, 2023.
32. Presented a paper entitled “Role of microteaching in improving skills and competency of teachers” in the National Seminar on Emerging Trends and Innovative Practices in Teacher Education’ organized by the Department of Education, University of Kalyani, Kalyani, Nadia on 6th July, 2023.
33. Presented a paper entitled “Empowering students with learning disabilities through artificial intelligence” in NAAC-sponsored National Seminar on “Innovative Teaching and Learning Practices in HEIs” organized by Internal Quality Assurance Cell (IQAC) on 28 & 29 October 2023.
34. Presented a paper entitled “Reformation in school education: NEP 2020 perspective” at the one-day national seminar on ‘Teacher Education: Issues and Challenges-In the Perspectives Of NEP-2020’ organized by the IQAC-Government Training College, Hooghly, in collaboration with Beta College of Education on January 30, 2024.
35. Presented a paper entitled “Enhancing teacher skills through microteaching: A comprehensive exploration” in the International Conference on “India: A \$5 Trillion Economy – Challenges and Gateways”, organized by PSIT College of Higher Education, Kanpur, in association with Kanpur Management Association and ITians4Nation Foundation, held on 23rd–24th February 2024.
36. Presented a paper entitled “Elevating educators: Unpacking the significance within the national education policy 2020” at the DHE-sponsored two-day national conference on ‘Effect of Implementation of NEP 2020’ organized by the IQAC- Hindu Girls’ College, Sonapat, Rohtak on February 9-10, 2024.
37. Presented a paper entitled “Lost in translation: Unveiling the national education policy's silent oversight of sign language” at the Two – Day National Seminar on “National Education Policy 2020 and Languages” organized by Marathi Section, Department of Modern Indian Languages, Aligarh Muslim University, Aligarh-202002 (U.P.) In Collaboration with the Central Institute of Hindi, Agra (Ministry of Education, Government of India) on 21-22 February 2024.

38. Presented a paper entitled “Provisions for persons with disabilities in the Indian constitution” at the Two-Day ICSSR-sponsored National Seminar on “Amrit kaal: Educational Heritage and New Trends in Education” organized by Vivek College of Education, Bijnor, Uttar Pradesh, on February 16-17, 2024.
39. Presented a paper entitled “Disability in Indian cinema: Examining problematic portrayals” at the Annual National Students’ Seminar on “On Diversities: Inclusivity and Inter-dependence” organized by the Department of English, Cotton University, Guwahati on February 29- March 1, 2024.
40. Presented a paper entitled “Unlocking potential: The impact of technology on teacher empowerment” at One- Day National Seminar on “Teacher Education in India: Emerging Challenges, Innovation, Prospects and Possibilities” conducted by Tot Sol Educational Academy, North 24th Parganas, West Bengal – 700125, on 8th May, 2024.
41. Presented a paper entitled “Dreams of the future: Exploring educational aspirations of tribal students in Alipurduar, West Bengal” at the 2-Day National Seminar on “Tribal Development and Identity (Socio-political and Literary Aspects)” conducted by the Department of Political Science, S. Sinha College, Aurangabad, Bihar, in collaboration with the Department of Political Science and Human Rights, Indira Gandhi National Tribal University, Amarkantak, M.P. on 9th-10th December 2024.

Presentation at the International Seminar/Conference

1. Presented paper entitled “Effect of instructional strategies for children with mental retardation in behaviour modification” at the two-day international conference on ‘Empowerment of Persons with Multiple Disabilities: Access to Education for Persons with Multiple Disabilities’, Organized by NIEPMD at Vigyan Bhawan, Hall No-5, New Delhi, 29th& 30th October 2014. Co-Author: Dr. Sudha, A.
2. Presented paper entitled “Violence against women with disabilities in India: A statistical overview, legal enactments and probable approaches for overcoming them” in International Conference on ‘Women and Social Transformation: A New Era of Just and Gender Fair Society’, held at Alagappa University, Department of Women Studies, Karaikudi, Tamil Nadu, 21st and 22nd August, 2015. Co-Author: Dr. S. Parween.

3. Presented paper entitled “Swami Vivekananda’s views on religion: A way out to revitalize the lost humanity and establish world harmony acknowledging religious diversity” in two-day international seminar on ‘Peace Education’, held at Acharya Nagarjuna University, Department of Education, Guntur, Andhra Pradesh, 4th& 5th December, 2015.
4. Presented paper entitled “Inclusive University: A way out to ensure quality, equity, and accessibility for students with disabilities in higher education” in two-day international conference on ‘Breaking Boundaries: Interdisciplinarity, E-learning, and Universities without Walls’ held at Jadavpur University in collaboration with King’s College of London, University of Bologna (Italy), Ambedkar University, University of Delhi, University of Hyderabad, and Shiv Nadar University, 7th& 8th January, 2016.
5. Presented paper titled “Swami Vivekananda’s standpoints on religion to ensure secularism” in two day International Conference on ‘Reason, Culture and Morality’ held at the Department of Social Sciences & Humanities, Prabhat Kumar College, Contai, in collaboration with the Institute of Cross-Cultural Studies and Academic Exchange, Society for Indian Philosophy & Religion Elon, NC, USA, on 8th & 9th January 2019.
6. Presented paper titled “Universal Design for Learning for Quality and Equitable Education for Students with Disabilities” at the Second International Conference on “Multidisciplinary Research” conducted by the Department of Education, Aligarh Muslim University, Uttar Pradesh, on 3-4 May 2023.
7. Presented a paper entitled "Assistive technology and inclusive higher education for students with disabilities: A dialogue" at the International Conference on “Multidisciplinary Research” conducted by Dakshin Dinajpur B.Ed. and D.Ed. College, Tapan, on May 14, 2023.
8. Presented a paper titled “Empowerment of teachers in national education policy 2020” *in* the One-day International Conference on Multidisciplinary Research (2.0), jointly organized by Tamil Nadu Teachers Education University and Dakshin Dinajpur D.Ed. College, held on 10th September 2023 at Shihur, Tapan, Dakshin Dinajpur, West Bengal.
9. Presented a paper entitled "Participation of persons with disability in sports in India: Issues and concerns” in One Day International Seminar on “Indian Sporting Culture and Physical Exercise: Challenges & Opportunities” organized by the Department of Physical Education,

NSS Unit & IQAC Asannagar Madan Mohan Tarkalankar College Asannagar, Nadia, on August 29, 2023.

10. Presented a paper entitled "Application of artificial intelligence in creating enabling learning environment for students with learning disabilities" at the International Conference on "Cutting-edge Issues in EDUCATION: Challenges and Prospects" conducted by the Department of Education, University of Kalyani on 26 September 2023.
11. Presented a paper entitled "Examining the intersection: NEP 2020 and the dynamics of constitutional & justice ideals" at the "National Seminar on New Education Policy - 2020" conducted by Dayalbagh Educational Institute, Dayalbagh, Agra on 6th January 2024.
12. Presented a paper entitled "Enhancing educational access: Artificial intelligence empowering students with learning disabilities" at the Two Days ICSSR sponsored International Conference 'Sustainability, Global Diversity & Inclusion: Interdisciplinary Perspectives' organized by the Department of Education, University of Calcutta in collaboration with National Library of India, India on 18th & 19th January, 2024.
13. Presented a paper entitled "Bridging the digital divide: Tackling EdTech challenges in West Bengal" in the Multidisciplinary International Virtual Colloquium on "Technology and Society" conducted by KAPI College of Education, Madurai, Tamil Nadu in collaboration with KESORT and Acumen Foundation and Seva Academy on 16th & 17th March, 2024.
14. Presented a paper entitled "Understanding parental stress: A study of families raising children with intellectual disabilities in West Bengal" in the "International Conference on Artificial Intelligence and Learning Models" conducted by Rampros Education Society in collaboration with Maestro Global University and Maharshi Degree College at Hyderabad on 28th October 2024.
15. Presented a paper entitled "AI-enhanced virtual classrooms for environmental education: Ensuring accessibility and active engagement for students with intellectual disabilities" in the "International Conference on Artificial Intelligence and Learning Models" conducted by Rampros Education Society in collaboration with Maestro Global University Maharshi Degree College at Hyderabad on 28th October 2024.
16. Presented a paper entitled "The utilization of artificial intelligence to support students with learning disabilities: A focus on dyslexia, dyscalculia, and broader learning disorders" at the

9th International Conference on Computing Sciences (ICCS-2024) organized by School of Computer Science and Engineering, LPU in association with University of Peradeniya, Sri Lanka, Charlottetown PE Canada, International Slavic University, Republic of North Macedonia at Lovely Professional University, Punjab, India on October 22, 2024.

17. Presented a paper entitled “Adaptive learning through AI is revolutionizing support for students with dyslexia, dyscalculia, and other learning disorders” at the 9th International Conference on Computing Sciences (ICCS-2024) organized by School of Computer Science and Engineering, LPU in association with University of Peradeniya, Sri Lanka, Charlottetown PE Canada, International Slavic University, Republic of North Macedonia at Lovely Professional University, Punjab, India on October 22, 2024.
18. Presented a paper entitled “Digital solutions for inclusive classrooms are having a significant impact on disability and education” at the 9th International Conference on Computing Sciences (ICCS-2024) organized by School of Computer Science and Engineering, LPU in association with University of Peradeniya, Sri Lanka, Charlottetown PE Canada, International Slavic University, Republic of North Macedonia at Lovely Professional University, Punjab, India on October 22, 2024.
19. Presented a paper entitled “Unlocking educational access: A study on AI-Driven communication technologies for students with hearing impairments” at the First International Conference on Advanced Trends in Computational Intelligence and Communication Technologies (ICATCICT 2024), conducted by MG Aricent Educational Foundation, Nashik, on November 9, 2024.
20. Presented a paper entitled “Predicting the influence of internet use on student academic performance using generative adversarial networks” at the International Conference on Electronics and Renewable Systems (ICEARS 2025) conducted by St. Mother Theresa Engineering College, Tuticorin, Tamil Nadu, India on 11-13, February 2025.
21. Presented a paper titled “Mitigating social engineering attacks through AI and behavioral analytics in human-centric cybersecurity” at the 6th International Conference on Data Analytics and Management (ICDAM-2025), jointly organized by London Metropolitan University, UK, in association with WSG University, Poland; Portalegre Polytechnic University, Portugal; and SGGW Management Institute, Poland, held from 13th to 15th June 2025.

ACADEMIC PARTICIPATION AND PROFESSIONAL DEVELOPMENT

Sl. No.	Program Type	Total Completed
1.	Seminars / Conferences / Workshops / Webinars (State /National /International)	587
2.	Faculty Development Programs / Short-Term Courses	78
3.	Certificate Courses	40
4.	Orientation Programs	04
5.	Refresher Programs	05
6.	Faculty Induction Programs (<i>1 month duration each</i>)	02
7.	Research Methodology Courses	08

PROGRAMME ON TELEVISION

1. Invited as an Expert to deliver a talk on “Career Guidance for Students” in a programme of **Ananda Bangla TV**, on 14th March, 2022 at 3:30 p.m. (Live Programme).
2. Invited as an Expert to deliver a talk on “স্পেশাল এডুকেটর হতে চাই” (Want to become Special Educator) in a programme titled “Hello DD Career Plus” of **Doordarshan (DD Bangla Channel)** on 9th February, 2023 at 4:30 p.m. (Live Programme).

INNOVATION AND ENTREPRENEURSHIP INITIATIVES

Innovation Ambassador (Foundation & Advanced Level): Certified by the Institution’s Innovation Council (IIC), Ministry of Education’s Innovation Cell, Government of India.

- **Foundation Level Certification** – Issued on *30th July 2021* (E-Certificate No.: IA/Foundation/1009138)
- **Advanced Level Certification** – Issued on *6th August 2022* (E-Certificate No.: IA/Advance/109138) (IIC ID: IC202014756)

Recognized for active contribution in fostering innovation and entrepreneurship within higher education institutions.

INSTITUTIONAL COORDINATION AND CSR ENGAGEMENT

Program Name: *Youth Employment Program (Non-Engineering)*

Role: Coordinator and Lead

Organized by: Prabhat Kumar College, Contai in Collaboration with Tata Consultancy Services (TCS)

Funded by: Tata Consultancy Services (TCS) under its Corporate Social Responsibility (CSR) initiative

Duration: 2021–2023

Coordinated the TCS-funded *Youth Employment Program (Non-Engineering)* aimed at enhancing the employability of marginalized and vulnerable students. As the institutional coordinator, successfully facilitated the delivery of over 100 hours of structured training conducted by TCS-certified trainers. The program focused on key employability skills, including soft skills, communication, logical reasoning, and workplace readiness. The initiative resulted in the successful placement of a significant number of participating and needy students and was officially acknowledged by TCS in support of the college's accreditation and community outreach objectives.

EDITORIAL AND REVIEW MEMBERSHIPS

Editor-in-Chief

- *Open Access Journal of Behavioural Science & Psychology (OAJBSP)*
ISSN: 2642-0856 | Since May 2, 2024

Associate or Assistant Editor

- *International Journal of Intellectual Disability*
P-ISSN: 2710-3889, E-ISSN: 2710-3897 | Since: 24 March 2025

Editorial Board Member

- *European Journal of Education Studies*
ISSN: 2501-1111 | Since November 3, 2024

- *European Journal of Special Education Research*
ISSN: 2501-2428 | Since November 3, 2024
- *European Journal of Alternative Education Studies*
ISSN: 2501-5915 | Since November 3, 2024
- *Sadbhavna – Research Journal of Human Development*
ISSN: 2277-7377 (Online), 2249-6424 (Print) | April 12, 2018 – June 2022
- *Annals of Education*
ISSN: 2455-6726 | January 3, 2016 – January 2, 2018

Reviewer

- *International Journal of Special Education (IJSE)* – Scopus & Web of Science-indexed
p-ISSN: 0827-3383 e-ISSN: 1917-7844 | Since April 12, 2025
- *Disability Studies Quarterly (DSQ)*, Scopus-indexed
ISSN: 2159-8371 (Online), 1041-5718 (Print) | Since May 2, 2023
- *International Journal of Educational Development*, Elsevier
ISSN: 0738-0593 | Since February 12, 2022
- *Book Chapters for IGI Global*, Scopus-indexed
for Edited Books | Since January 2, 2023

EXAMINATION, EVALUATION, AND INVIGILATION ASSIGNMENTS

1. Appointed for evaluation of answer scripts of RCI examinations (Diploma in ASD/CP/CCCG Course) by National Institute for Empowerment of Persons with Multiple Disabilities (under MSJ&E, Govt. of India), Chennai, in September 2015. (Aptt. Letter No. NIEPMD/RCI/Exam /Acad 11(22)/2014-15, dt. 31.08.2015).
2. Appointed as External Practical Examiner by National Institute for Empowerment of Persons with Multiple Disabilities (under MSJ&E, Govt. of India)- National Board of Examination in Rehabilitation (An Adjunct Body of Rehabilitation Council of India under the MSJ&E, Govt. of India) for the RCI Diploma/Certificate Courses for June 2019 Examinations. (Aptt. Letter No. NIEPMD/NBER/RCI/Exam/2018-19, dt. 17.05.2019).

3. Appointed as a Member of the Flying Team (Convener) constituted by the National Institute of Open Schooling (An Autonomous Institution under Deptt. of School Education and Literacy, M.H.R.D., Govt. Of India) to inspect the conduct of October-November, 2019, Academic (Theory) Examinations. (Aptt. Letter No. F-447-33/2019/NIOS/RC-KOL/Exam/FlyingTeam /25, dt. 17.10.2019).
4. Appointed as Officer on Special Duty (OSD) by the National Institute of Open Schooling (An Autonomous Institution under Deptt. of School Education and Literacy, M.H.R.D., Govt. Of India) to inspect the conduct of 2020, 2021, 2022, (Theory Examinations), 2023, 2024 & 2025 (Practicum Examinations).
5. Appointed as Central Level Observer (CLO) by the Indian Sign Language Research and Training Centre (ISLRTC), under the Department of Empowerment of Persons with Disabilities (DEPwD), Ministry of Social Justice & Empowerment (MSJ&E), Government of India, New Delhi, to oversee the Diploma in Indian Sign Language Interpretation (DISLI) Theory Examinations for the years 2020, 2021, 2022, and 2023.
6. Appointed as Observer and Officer on Special Duty by Netaji Subhash Open University, Kolkata, to inspect the conduct of UG and PG Term-End Theory Examinations in 2020 and 2021.
7. Appointment by Vidyasagar University as Examiner for practicum examinations for B.Ed. 4th Semester at Tamralipta Mahavidyalaya, Purba Medinipur, in August, 2022.
8. Appointed by NBER as Centre Superintendent for NIEPMD-NBER examinations of RCI-approved Diploma in Special Education (IDD) between 23rd and 30th January 2023 at Prabhat Kumar College, Contai.
9. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts for the UG (Education) 5th Semester Examination (Hons and General) (CBCS) - 2022. (Ref. No.: VU/CE/HE/V/136/EDC/1/2022).
10. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts for the UG (Education) 3rd Semester Examination (Hons and General) (CBCS) - 2022. (Ref. No.: VU/CE/HE/III/136/EDC (2)/1/2022).
11. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts for the UG (Education) 1st Semester Examination (Hons and General) (CBCS) - 2022. (Ref. No.: VU/CE/HE/I/136/EDC/1/2022).

12. Appointment by Vidyasagar University as Examiner for evaluation of answer scripts for UG (Education) 5th Semester Examination (Hons and General) (CBCS) - 2022. (Evaluated 10 Theory Papers).
13. Appointment by Vidyasagar University as Examiner for evaluation of answer scripts for B.Ed. 1st Semester Examination (CBCS) - 2022. (Evaluated 2 Theory Papers).
14. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts for the UG (Education) 6th Semester Examination (Hons and General) (CBCS) – 2023 at Ramnagar College Nodal Centre (Ref. No.: VU/CE/HE/VI/140/EDC/1/2023).
15. Appointment by Vidyasagar University as Examiner for evaluation of answer scripts for B.Ed. 4th Semester Examination (CBCS) - 2023.
16. Appointment by Vidyasagar University as Examiner for practicum examinations for B.Ed. 4th Semester at Y.S. Palpara Mahavidyalaya, Purba Medinipur, in August 2023.
17. Appointment by Prabhat Kumar College (Vidyasagar University) as Internal Examiner for practical examination for the paper: Project Work (DSE -4) for 6th Semester, UG in Education (Hons) on 9th August, 2023 at the College Centre.
18. Appointed by Vidyasagar University as Head Examiner under the Ramnagar College Nodal Centre of Vidyasagar University for UG 4th Semester Examination (CBCS) - 2023(Ref. No.: VU/CE/HE/IV/140/EDC/1/2023).
19. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts under the Prabhat Kumar College Nodal Centre of Vidyasagar University for UG 3rd Semester Examination (CBCS) – 2023 (Ref. No.: VU/CE/III/136/EDC/1/2023)
20. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts under the Ramnagar College Nodal Centre of Vidyasagar University for UG 5th Semester Examination (CBCS) - 2023 (Ref. No.: VU/CE/HE/V/140/EDC/1/2023).
21. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts under the Prabhat Kumar College Nodal Centre of Vidyasagar University for UG 5th Semester Examination (CBCS) - 2023 (Ref. No.: VU/CE/V/136/EDC/1/2023).
22. Appointed by Vidyasagar University as Head Examiner for evaluation of answer scripts under the Prabhat Kumar College Nodal Centre of Vidyasagar University for UG 1st Semester Examination (CBCS) - 2023 (Ref. No.: VU/CE/HE/I/136/EDC/1/2023).

23. Appointment by Vidyasagar University as Examiner for evaluation of answer scripts under the Prabhat Kumar College, Contai Nodal Centre of Vidyasagar University for UG 1st Sem NEP Examination (NEP) – 2023. (EDCHMJ Paper: 1 & EDCPMJ Paper: 1) (Ref. No.:VU/CE/UG/1st Sem NEP/136/0047).
24. Appointed as Examiner by Vidyasagar University for the Undergraduate 6th Semester Examination (CBCS) – 2024, under the Prabhat Kumar College, Contai Nodal Centre, for EDCHCC – Paper 14. (Ref. No. VU/CE/UG/6th Sem/136/0173).
25. Appointed as Internal Examiner for the B.A. in Education (Honours), 6th Semester, Paper DSE-4: Project Work, at Prabhat Kumar College, Contai, under Vidyasagar University, on 25th July 2024.
26. Appointment as BOARD OBSERVER for the Common Entrance Test of ANM(R) & GNM for admission into ANM (R) and GNM Courses in the Institutions of West Bengal by West Bengal Joint Entrance Examinations Board on 4th August 2024. (Ref. No. WBE/EX- 67 dated. 29.07.2024).
27. Appointment as External Examiner for the Practical Examination - 2024 for the B.Ed. Special Education (Intellectual and Developmental Disabilities) program, Semester II, Paper E2, at NIEPID, Regional Centre, Kolkata, on 2nd September 2024.
28. Appointed as Head Examiner (Online) by Vidyasagar University for the Undergraduate 4th Semester Examination (CBCS) – 2024, under the Ramnagar College Nodal Centre, for the evaluation of answer scripts in the following subjects: EDCGCC (Paper 4), EDCGSE (Paper 2), EDCHCC (Papers 8, 9, and 10), EDCHGE (Paper 4), and EDCHSE (Paper 2). (Ref. No.: VU/CE/HE/IV/140/EDC/1/2024 dated 2nd October 2024).
29. Appointment by Vidyasagar University as Examiner for the B.Ed. 4th Semester practicum examinations at Y.S. Palpara Mahavidyalaya, Purba Medinipur, on 26th and 27th July 2024. (Ref. No.: WCU/TRC/NW B.Ed/Practical/2024).
30. Appointed as Head Examiner by Vidyasagar University for the Undergraduate 5th Semester Examination (CBCS) – 2024 under the Prabhat Kumar College Nodal Centre, for the evaluation of the following subjects and papers: EDCGDS (Paper 1), EDCGGE (Paper 1), EDCGSE (Paper 3), EDCHCC (Papers 11 & 12), and EDCHDS (Papers 1 & 2). (Ref. No. VU/CE/HE/V/136/EDC/1/2024 dated 11th March 2025).

31. Appointed as Head Examiner by Vidyasagar University for the Undergraduate 3rd Semester (CCFUP–NEP) Examination 2024 under the Egra SSB College Nodal Centre, for the evaluation of EDCHMJ (Papers 3 & 4), EDCMIN (Paper 3), and EDCPMJ (Papers 2 & 3) (Ref. No. VU/CE/NEP/III/108/EDC/1/2024 dated 24th June 2025).
32. Appointed as Examiner for the evaluation of Paper B-12 & B-6 of the B.Ed. Special Education Programme [IDD/IDD(HI/VI)-ODL] for the Term-End Examinations (December 2023 and June 2024 sessions) by Netaji Subhas Open University, Kolkata. (Ref. No.: CoE/B.Ed/25, Dated: 21.01.2025).

ADMINISTRATIVE POSITIONS HELD AND ROLES PERFORMED

1. **Fellow Member**, Indian Academic Researchers' Association (IARA)
From 1st March 2019 to till date
2. **Assistant Secretary**, Association of Rehabilitation Professionals, West Bengal
From 1st June 2020 to till date
3. **Member**, Biodiversity Management Committee (BMC), Prabhat Kumar College, Contai and Contai Municipality, Government of West Bengal
From 27th August 2019 to 16th June 2025
4. **Chief Coordinator**, Spoken Tutorial Project – IIT Bombay (*Funded by NMEICT, MHRD, Government of India under PMMMNMTT, Prabhat Kumar College Centre*)
From 5th August 2020 to 4th August 2021
5. **Head of the Department (Additional Charge)**, Department of Education, Prabhat Kumar College, Contai
From 2nd January 2021 to 3rd April 2024
6. **Convener**, Institution's Innovation Council (IIC), Prabhat Kumar College, Contai (*Under the Ministry of Education's Innovation Cell*)
From 8th August 2019 to 16th June 2025
7. **Coordinator (Innovation Activity)**, Institution's Innovation Council (IIC), Prabhat Kumar College, Contai (*Under the Ministry of Education's Innovation Cell*)
From 8th August 2019 to 24th August 2023
8. **Superintendent**, Boys' Hostel, Prabhat Kumar College, Contai

From 1st August 2022 to 31st August 2024

9. **Member Secretary**, Ph.D. Steering Committee, Research Centre in Humanities and Social Sciences, Prabhat Kumar College, Contai (Affiliated to Vidyasagar University)

From 28th January 2022 to 22nd September 2022

10. **Coordinator**, Equal Opportunity Cell for Persons with Disabilities, Prabhat Kumar College, Contai

From 10th January 2021 to 16th June 2025

11. **Nodal Officer**, Banglar Uchchashiksha Portal (Department of Higher Education, Government of West Bengal), Prabhat Kumar College, Contai

From 12th January 2021 to 16th June 2025

12. **Nodal Officer**, West Bengal Student's Credit Card Scheme, Prabhat Kumar College, Contai

From 27th May 2021 to 16th June 2025

13. **Nodal Officer**, National Scholarship Portal (NSP), Ministry of Electronics & Information Technology, Government of India, Prabhat Kumar College, Contai

From 14th August 2021 to 16th June 2025

14. **Nodal Officer**, VIDYANJALI (Higher Education) Programme, Ministry of Education, Government of India, Prabhat Kumar College, Contai

From 4th February 2022 to 16th June 2025

GOVERNMENT COLLABORATION AND POLICY IMPLEMENTATION

Core Committee Member | Subject Expert | Master Trainer | Resource Person

Project: *Teachers' Sensitization cum Orientation & Training Programme on Inclusive Education for Children with Special Needs (CwSN)*

Organizations: Jagadis Bose National Science Talent Search (JBNSTS) & School Education Department, Government of West Bengal.

Duration: *From 11th April 2022 to 24th May 2025*

- Serving as a key member of the core committee for a state-wide inclusive education initiative.
- Engaged as a Subject Expert, Master Trainer, and Resource Person, contributing to the planning, training, and execution of inclusive education practices across West Bengal.

- Involved in policy decisions, teacher capacity building, and the implementation of training programs targeting over 160,000 teachers across 81,000 government and government-aided institutions, including Shishu Shiksha Kendras and Madhyamik Shiksha Kendras in all 24 districts of West Bengal.
- Actively promoting inclusive education aligned with the Rights of Persons with Disabilities (RPwD) Act and NEP 2020 goals.

COLLABORATIONS AND MEMORANDA OF UNDERSTANDING (MoUs)

Institutional MoU with Jagadis Bose National Science Talent Search (JBNSTS), Kolkata
Period: 7th June 2023 – 6th June 2028

- Signed a Memorandum of Understanding (MoU) between **Prabhat Kumar College, Contai** and **Jagadis Bose National Science Talent Search (JBNSTS)**, an autonomous institute under the Department of Higher Education, Government of West Bengal.
- The MoU supports collaborative initiatives in the areas of **inclusive education, teacher capacity building, research, and policy advocacy** focused on Children with Special Needs (CwsN).
- Enables joint efforts in conducting training programmes, outreach activities, and evidence-based educational innovations across West Bengal.

INSTITUTIONS/UNIVERSITIES ASSOCIATED TO

- University of Kalyani, Nadia
- West Bengal State University, Barasat
- Netaji Subhash Open University, Kolkata
- Vidyasagar University, Paschim Midnapore
- National Institute of Open Schooling, RC, Kolkata
- Teachers' Training College of Voice of World, Kolkata
- Indian Sign Language Research and Training Centre, New Delhi
- Jagadis Bose National Science Talent Search (JBNSTS), Kolkata
- National Institute for Empowerment of Persons with Multiple Disabilities, Chennai
- Ramakrishna Mission Vivekananda Educational and Research Institute, Coimbatore
- National Institute for Empowerment of Persons with Intellectual Disabilities, RC, Kolkata

Declaration:

I solemnly affirm that the information provided above is true and correct to the best of my knowledge and belief. Relevant documents, testimonials, and additional details can be made available upon request, as and when required.

Date: 29.06.2025

(Dr. Ratan Sarkar)

Place: Tezpur