

Alprata Ahuja (ORCID 0000-0002-6017-8738)



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Academic Qualifications

Qualification	University
PhD Education (Pursuing)	Dr B R Ambedkar University, Delhi
MPhil Education	University of Delhi
MEd	University of Delhi
BEd	I P University
MSc Mathematics	University of Delhi
BSc (H) Mathematics	University of Delhi

Qualified UGC NET (Education) with JRF for June 2011

Work Experience

- **Shyama Prasad Mukherji College for Women, University of Delhi** – Assistant Professor (Permanent) (Teaching Subject: Mathematics Education Courses, Department of Education) – December 2023 to present
- **Shyama Prasad Mukherji College for Women, University of Delhi** – Assistant Professor (Ad-hoc) (Teaching Subject: Mathematics Education Courses, Department of Education) – August 2013 to November 2023
- **Jesus and Mary College, University of Delhi** – Assistant Professor (Ad-hoc) (Teaching Subject: Mathematics Education Courses, Department of Elementary Education) – July 2012 to May 2013

Publications

Paper in Journals-

- Ahuja, A. (2024, October). A preliminary study of teachers' understanding of mathematics education reforms. *Journal of Applied Research in Humanities, Language and Social Sciences*, Vol. 4(1), 63-77. (E-ISSN: 2583-2999)
- Gandhi, H., Dewan, H. K., & Ahuja, A. (February 2018). Searching for Didactical Negotiations in Mathematics Textbooks. *Voices of Teachers and Teacher Educators*, Vol. 6(2), pp. 50-57. (Print ISSN: 2445-1376) (In UGC Care List)
- Mittal, R., & Ahuja, A. (2017). Sources of Self- Efficacy in Mathematics: An Exploratory Study. *IMPACT: International Journal of Research in Humanities, Arts and Literature*, Vol. 5(6), pp. 133-140. SJIF – 5.811 (Print ISSN: 2347-4564, Online and print double blind peer reviewed and refereed journal)
- Ahuja, A., & Mittal, R. (July 2016). Integration of Technology in Mathematics Education. *Paripex Indian Journal of Research*, Vol. 5(7), pp. 258-260. SJIF – 5.761 (Print ISSN: 2250-1991, Online and print double blind peer reviewed international journal)

Chapters in Edited Books-

- Mittal, R. & Ahuja, A. (2024, February). Ganit Prakriyain Kaushal: Sevakalin Ganit Adhyapakon ki Samajh. In H. Dewan, H. Gandhi, & R. Goswami (Eds.), *Ganit aur Uski Shiksha* (pp. 234-252). New Delhi, Vani Prakshan and Azim Premji Vishwavidyalya, Bengaluru. (ISBN13 – 9789357757362)
- Ahuja, A. (2018) Errors as learning opportunities: Cases from mathematics teaching learning. In V. Kapur & S. Ghose (Eds.), *Dynamic Learning Spaces in Education*. Springer, Singapore. (Online ISBN 978-981-10-8521-5) (Scopus Indexed)
- Contributed to Class 11 Mathematics Sample Papers for DAV Board- published in 2011

Paper Presentations

- Presented paper 'Teachers' Meaning Making of Problem Posing and its Relevance in Mathematics Teaching' in the Mathematical Teachers' Association of India - Northern Regional Conference jointly organized with SCERT and SIASTE, Haryana from 31 January to 2 February 2025
- Paper 'Towards Equitable Mathematics Classrooms: Enhancing Learners' Engagement' accepted for presentation at 'ECER 2023 - The European Conference on Educational Research' titled 'The Value of Diversity in Education and Educational Research' from 22nd-25th August 2023 in University of Glasgow, Scotland

- Presented paper titled ‘Teachers’ Understanding of Mathematics Education Reforms: A Preliminary Analysis’ in 12th International CESI Conference titled 'Educational Transformations: Crisis and Resilience' from 9th–11th December, 2022 held in MANUU, Hyderabad
- Presented paper titled ‘Exploring Mathematical Task Designed by Pre-Service Teachers’ in 14th International Congress on Mathematical Education (TSG 38) from 11th-18th July 2021 in Shanghai, China (Participated in online mode) – Co-author
- Presented paper titled ‘Ganit Prakriyain Kaushal: Sevakalin Ganit Adhyapakon ki Samajh’ in National Conference ‘Ganit Shikshan: Apkekshain aur Chaunotiyan' from 11th–13th October 2019 at the Department of Education, University of Delhi – Co-author
- Presented paper titled 'Primary teachers’ perception on role of mathematics textbooks in teaching, learning and assessing mathematics' in National Conference on 'Teacher Education: Current Scenarios and Future Possibilities' on the 10th and 11th March, 2017 at the Central Institute of Education (CIE), Department of Education, University of Delhi - 1st author
- Presented paper titled ‘Prospects and Challenges for Using Some Web-Applications/Software in Teaching - Learning of Science and Mathematics’ at academic conference ‘Access, Quality and Scale in Technology-enabled and 'Blended' Learning’ at India Habitat Centre on October 21st-22nd, 2016 – 2nd author
- Presented paper titled ‘Integration of Technology in Mathematics’ at International Seminar on ‘Education in Transition: Moving Towards a Performance Driven Teaching & Learning Culture’ held at IIMT, I.P. University, 20th-22nd January 2015 – 1st author
- Presented paper titled ‘Sources of Self Efficacy in Mathematics’ at National Meet on Mathematics Education at RIE Bhopal, NCERT, 21st-23rd December 2014 – 2nd author

Grants Received for Paper Presentations

- Student aid fund sanctioned by Dr B R Ambedkar University, Delhi for paper presentation in University of Glasgow, Scotland in August 2023
- Solidarity fund sanctioned by ICMI for paper presentation in China in 2021 (Due to pandemic, paper presentation was shifted to online mode)

Contribution in Academic Work/ Research Projects

- Resource person for upgradation of Jaadui Pitara for NCERT in the workshop held from 29th July-2nd August 2024
- Resource person for development of the interactive programmes under ULLAS: Nav Bharat Saaksharta Karyakram for NCERT in the workshops held from 3rd-5th January and 29th January-2nd February 2024

- Peer reviewer for Taylor and Francis open access journal ‘Cogent Education’ (blind peer review) from 2022 to present
- Resource person for the online programme ‘Developing mathematical processes and lesson planning’ held in February 2021 for the Project: Development of Mathematical Temperament in Large-sized classrooms: A feed-forward for Policy Makers funded by IMPRESS-ICSSR undertaken by Prof. Haneet Gandhi, Faculty of education, DU
- Contributed to the project ‘History of mathematics as a pedagogic resource’ undertaken by Dr Haneet Gandhi, Faculty of Education, DU in 2016
- Involved in the phase II of the Project ‘Enhancing resource potential through facilitative resource material’ under the collaboration of Faculty of Education and Ministry of Science & Technology since 2016 undertaken by Prof. Nirupma Jaimini
- Engagement as an expert in consultative workshop for project ‘History of Mathematics as a Pedagogic Resource: An Exploratory Tool’ on July 8, 2016 held in Faculty of Education, DU
- Contributed as an expert in a consultative seminar in the ‘Enhancing resource potential through facilitative resource material project’ organized in Faculty of Education, DU on April 11-12, 2016
- Task based engagement in ‘Enhancing resource potential through facilitative resource material’ project undertaken by Prof. Nirupma Jaimini which is collaboration of Faculty of Education and of Ministry of Science & Technology for session 2015-16
- Contributed to handbook for teachers which is outcome of project ‘Enhancing resource potential through facilitative resource material’ which is collaboration of Faculty of Education and Ministry of Science & Technology – Submitted as part of Phase I of project – Team of authors
- Worked as ‘Research Assistant’ on the IASE-Faculty of Education Project ‘Re-envisioning the Continuous Comprehensive Evaluation: Cross Curricular Approach and Integration of Life Skills’ from February to December 2014 undertaken by Prof. Nirupma Jaimini

Membership of Learned Bodies

- Life member of IATE (Indian Association of Teacher Educators)
- Life member of AIAER (All India Association for Educational Research)
- Life member of AMTI (The Association of Mathematics teachers of India)
- Life member of CESI (Comparative Education Society of India)
- Life member of MTA (Mathematics Teachers’ Association of India)