

## INSTITUTE OF HOME ECONOMICS UNIVERSITY OF DELHI



| Name        | Ruchi Mittal  | Photograph |
|-------------|---|------------|
| Designation | Assistant Professor                                     |            |
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Educational Qualifications: M.Phil (Education), M.Sc.(Mathematics), M.Ed.(Elementary Education), B.El.Ed, Pursuing Ph.D.

Teaching experience: 15 years.

Subjects/Papers Taught:

**Theory papers**: Pedagogy of Mathematics (B.El.Ed. Part IV), Logico-Mathematics Education (B.El.Ed. Part III), Core Mathematics (B.El.Ed. Part I)

**Practicum papers**: Observing Children ((B.El.Ed. Part II), Materials Development and Evaluation (B.El.Ed. Part III), School Internship Programme (B.El.Ed. Part IV), Research Projects (B.El.Ed. Part IV).

Awards received: Jamia Millia Islamia- Gold Medalist in M.Ed. (Elementary Education), 2005.

Research Interest/Specialization:

Mathematical learning, Mathematics classroom discourse, Mathematics lesson planning, Task design in mathematics and Teacher education.

ORCID No.: 0000-0003-3553-7425

Research Projects

Title Funding agency/organization Duration of Project

## Research papers since 2010 (APA format)

- Gandhi,H.&Mittal,R.(2021).Nature and occurrence of Lexical Bundles in Mathematical Lesson Plans as indicators of Authority Relationships. Journal of Indian Education, Vol.51(3). November 2021. ISSN no. 0377-0435 (UGC Care Listed)
- Mittal,R. & Ahuja,A.(2017).Sources of Self- Efficacy in Mathematics: An Exploratory Study' in IMPACT: International Journal of Research in Humanities, Arts and Literature.Vol.5(6). June 2017,pp.133-140. ISSN no. 2347-4564.
- Mittal,R. & Dabas,R.(2017).Teacher Education in Modern Scenario: Issues and their Remedies.Scholars Journal of Arts, Humanities and Social Sciences. Vol 5(2). February 2017,pp.90-94. ISSN no. 2347-5374/2347-9493.
- Ahuja, A. & Mittal, R.(2016).Integration of Technology in Mathematics Education.Paripex- Indian Journal of Research. Vol 5(7) July, 2016,pp.39-41 ISSN: 2250-1991.
- Mittal, R. & Ahuja, A. (2014). Styles of Learning and Intelligence. Contemporary Dialogue. Vol 1(1) April-June, 2014, pp.77-87. ISSN 2348-8697.
- Mittal, R. & Kaur, J. (2013). Implementing Right to Education (RTE): Considerable Impediments. AITEA International Journal of Education and Humanities Vol 3(5) October March, 2013, pp.45-52 .ISSN:2231-380X.
- Anand,S. & Mittal,R.(2012). A Study of Emotional Intelligence of B.Ed. Students in Relation to their Academic Achievement' in Researcher's Voice. Vol 2(1). April- September, 2012, pp. 1-16. ISSN: 2231-6310.
- Mittal, R. & Sharma, G.(2012). Swami Vivekananda's Thoughts: Relevance to Present Education. Vol 7(1) April, 2012, pp 68-75. ISSN 0974-2085.
- Gupta,D. & Mittal,R.(2011).Secondary Pre-Service Teachers Attitude Towards their Teacher Preparation Curricula in Educational Quest An International Journal of Education and Applied Social Science Vol 2(4). Dec. 2011, pp. 1-16. ISSN: 2230-7311.

| Books published/edited         |
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| Book chapters published/edited |
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underlying assumptions behind teaching. In A.Masih, H.K.Bhatia & A.I.Ahmad (Eds.), Teacher Education The Changing Landscape Vol.2(pp.72-81). India, ND: V L Media Solutions.

Association with Professional Societies

Life Member- All India Association for Educational Research (AIAER), Bhubaneswar

Life Member- Indian Association for Teacher Educators (IATE), Patna

Life Member- Comparative Education Society of India

Gandhi, H. & Mittal, R. (2020). Using Structural formats of Lesson Plans as a mode to ascertain the