


Faculty Details proforma for DU Web-site



Title	Dr.	First Name	HANEET	Last Name	GANDHI	Photograph
Designation		ASSISTANT PROFESSOR				
Address		(Office) DEPARTMENT OF EDUCATION, 33 CHATTRA MARG, NEW DELHI-110007 (Residence) B-2/ 14, RAJOURI GARDEN, NEW DELHI. 110027				
Phone No	Office	011-27666377, 011-27667509				
Residence						
Mobile						
Email		haneetgandhi@gmail.com ; hgandhi@cie.du.ac.in				
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph. D (Education)	Department of Education, University of Lucknow.				2009	
Post Graduation M.Ed	Jamia Millia Islamia, Delhi.				2002	
Post Graduation M.Sc. Mathematics	Indian Institute of Technology (IIT), Delhi.				1998	
B.Ed	Guru Gobind Singh Indraprastha University, Delhi				2001	
BSc (Hons) Mathematics	University of Delhi				1996	
Career Profile						
<ul style="list-style-type: none"> • Assistant Professor, Department of Education, University of Delhi, since September, 2009 • Assistant Professor, Department of Elementary Education, Institute of Home Economics, University of Delhi, July, 2006 - September, 2009 • UGC's JRF & SRF, Department of Education, University of Lucknow • Guest Faculty, Department of Education, University of Lucknow 						
Administrative Assignments						
Co-Convener, Under-Graduate Curriculum Revision Committee -2019. (UGCRC2019). A committee Constituted to revise all the Under-Graduate Courses and Programmes of University of Delhi Coordinator, B.Ed. II year 2018-20 Member, MPhil and PhD Admission Committee 2018-19 Coordinator, B.Ed Programme 2017-19 MPhil Course Coordinator 2015-17 Convener – MPhil and PhD Admission Committee 2016-17 Convener Mphil Committee 2015-16 Member, School Experience Programme 2013-14 Convenor, Internal Assessment Committee 2012-13 Convenor, Board of Research Studies, Faculty of Education 2012- 14						

M.Ed Course Coordinator 2012-13
 Joint, B.El.Ed Admissions-2010-12
 Staff Secretary 2010-2012

Areas of Interest / Specialization

- Mathematics Education
- Research Methodologies (Especially Quantitative Methods of Educational Research)
- Teacher Education

Subjects Taught

B.El.Ed Course:

- Core Mathematics
- Logico Mathematics
- Pedagogy of Mathematics
- Liberal Options I – Mathematics

B.Ed. Course

- Pedagogy of Mathematics II
- Methodology of Teaching Mathematics
- Educational Statistics

M.Ed

- Quantitative Methods in Educational Research

M.Ed (Mathematics Education Specialisation)

- Introduction to Mathematics Education
- Mathematics Curriculum: Development and Analysis

M. Phil

- Descriptive Research Methods
- Mathematics Curriculum: Perspectives and Debates

Time table of the subjects taught during the current semester

S.No.	Subject	Days	Time	Classroom
2.	Quantitative Methods in Educational Research	03/week	One hour each day	M.Ed
3.	Introduction to Mathematics Education	03/week	One hour each day	M.Ed
4.	Mathematics Curriculum: Development and Analysis	03/week	One hour each day	M.Ed

5.	Descriptive Research Methods	02/week	One hour each day	MPhil, PhD
6.	Mathematics Curriculum: Perspectives and Debates	02/week	One hour each	MPhil, PhD
7.	Tutorials	01/week		B.Ed
8.	Dissertation	01/week		M.Ed
9.	Project work	01/week		M.Ed
10.	School Experience Programme	As per schedule	As per schedule	B.Ed/ In-situ Schools
11.	Field Experience programme	As per schedule	As per schedule	B.Ed/ In-situ Schools

Research Guidance

- Ph.D. Doctoral Thesis (Submitted and Awarded): 01
- Ph.D. Doctoral Thesis (under progress): 04
- M.Phil dissertations (Completed): 06
- M.Phil dissertation (under progress): 01
- M.Ed dissertations (Completed): 18
- M.Ed dissertations (Under progress): 02

Publications Profile (Last 5 years)

2019

Gandhi, H. and Dewan, H. (Forthcoming). बच्चों की प्रायिकता की अवधारणाओं की समझ को उनके परिपेक्ष्य में समझना. In the book विज्ञान और विज्ञान शिक्षा.

Gandhi, H. and Garg R. (Forthcoming). शिक्षक/ शिक्षिका शिक्षा कार्यक्रमों में विषय-शिक्षण सम्बन्धी मनोन्मुख

Gandhi, H. (Forthcoming). Multi-Literacy. A pluri-facet skill required for the sustenance of the next generation. In edited volume, Synergizing Educational Concerns and Social Needs.

Gandhi, H. and Singh, P.K. (Accepted for publication). Engaging Students with Mathematics through Story: A case of Grade II children. Voices of Teachers and Teacher Educators. NCERT.

2018

Gandhi, H. (2018). Understanding children's meanings of randomness in relation to random generators. In Batanero C., Chernoff E. (eds). *Teaching and Learning Stochastics. Advances in Probability Education*. ICME 13 Monograph. 181-200. Springer, Cham

Singh, P.K., Gandhi, H. (2018). Establishing a community of participation in a primary mathematics classroom: An action research. In S. Ladage & S. Narvekar (Eds.), *Proceedings of epiSTEME 7 — International Conference to Review Research on Science, Technology and Mathematics Education*, p.314-322. India: Cinnamon Teal

Gandhi, H., Dewan, H. Ahuja, A.(2018). Searching for didactical negotiations in mathematics textbooks. *Voices of teachers and teacher educators*, NCERT. eISSN: 2455-1376. Vol VI, Issue II. February 2018. NCERT

Gandhi, H. (2018). Curriculum Implementation in Schools. In Block 3 *Curriculum engagement in school. Knowledge and Curriculum*. Indira Gandhi Open University (IGNOU)

Gandhi, H. (2018). School: The Site of Curriculum Engagement. In Block 3 *Curriculum Engagement In Schools. Knowledge and Curriculum*. Indira Gandhi Open University.(IGNOU)

2017

Singh, P.K., Gandhi, H. (2017). Teacher's Efficacy through Story-telling in Mathematics – Quoting an Episode. *MERI. Journal of Education*. Vol XII(1). 14-24. ISSN: 0974 2085

Gandhi, H. (2017). Cataloguing 1 Uniform Tilings. *AT Right Angles. a Resource magazine for Mathematics teachers*. Azim Premji University.

Reviewer in *Learning Outcomes at Elementary Stage*. NCERT. ISBN: 978-93-5007-785-6.

समीक्षक, प्रारंभिक स्तर पर सीखने के प्रतिफल। राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद् . NCERT, 2017 ISBN: 978-93-5007-854-9

2016

Gandhi, H. (2016). *Mathematics and its Pedagogy*. Pearsons Education. ISBN 9789332575158

Gandhi, H. (2016). What Mathematics matters to teachers? *Voices of Teachers and Teacher Educators*. National Council of Educational Research and Training (NCERT) on behalf of MHRD, GoI, New Delhi. Vol V(1) 26-31. eISSN:2455-1376.

2015

Gandhi, H. (2015). Book review of Gouvéa, Fernando Q. (2004). Math through the Ages: A Gentle History for Teachers and Others, Mathematical Association of America Textbooks. *Teacher Support, National Council of Teacher Education*. Delhi. 4(3) 75-78. ISBN09754598.

Gandhi, H. (2015). Covering plane with repeated patterns – Part II . *AT Right Angles. A Resource magazine for Mathematics teachers*. Azim Premji University

Gandhi, H. (2015). Covering plane with repeated patterns – Part I. *AT Right Angles. A Resource magazine for Mathematics teachers*. Azim Premji University.

Gandhi, H. (2015). Traversing the epistemology of probability in Indian mathematics textbooks. 2015. In *Proceedings of epiSTEME 06, International conference on Science, Technology and Mathematics Education* at HBCSE, Mumbai. Cinnamonteal Publishers. ISBN: 9789385523489

Publications in the Last one year

2019

Gandhi, H. (Forthcoming). गणितीय शिक्षाशास्त्र और विषय-समझ के बदलते प्रारूप को गणित पाठ्यपुस्तकों माध्यम से समझना. Paper accepted for presentation in the National Conference गणित शिक्षण: अपेक्षाएँ और चुनौतियाँ. तीन-दिवसीय संगोष्ठी. शिक्षा संकाय (C.I.E), दिल्ली विश्वविद्यालय, दिल्ली, अजीम प्रेमजी विश्वविद्यालय, बेंगलुरु. 11, 12 और 13 अक्टूबर, 2019, दिल्ली

Conference Organization/ Presentations (in the last three years)

2019

Organizing a National Conference गणित शिक्षण: अपेक्षाएँ और चुनौतियाँ at Department of Education, University of Delhi in Cअक्टूबर collaboration with Azim Premji University. Bangalore. October 11-13, 2019.

Gandhi, H. (Forthcoming). गणितीय शिक्षाशास्त्र और विषय-समझ के बदलते प्रारूप को गणित पाठ्यपुस्तकों माध्यम से समझना. Paper accepted for presentation in the National Conference गणित शिक्षण : अपेक्षाएँ और चुनौतियाँ. तीन-दिवसीय संगोष्ठी. शिक्षा संकाय (C.I.E), दिल्ली विश्वविद्यालय, दिल्ली, अज़ीम प्रेमजी विश्वविद्यालय, बेंगलुरु. 11, 12 और 13 अक्टूबर, 2019, दिल्ली

Invited as Resource person in Faculty Development programme on Survey Methods in Daulat Ram College. Title of the talk "Sampling Designs and Sampling Errors". 6 March 2019.

Resource Person in a Five-Day Workshop on "workshop on development of training package for Learning outcomes in Science and Mathematics at Elementary stage" at RIE, Ajmer, from 25th February to 01st March 2019.

Resource person in the Academic Staff College at Jamia Millia Islamia for two sessions on Quantitative research methods using SPSS

2018

Presented a paper "Education is incomplete without Literacy" at a One Day Seminar-Cum-National Dialogue. Under the Scheme of IMPRESS, ICSSR. Spoke in the Thematic Focus on Education, Skills and Employment. November 30, 2018.

Presented paper सम्भावना से जुड़ी बच्चों की अवधारणाओं को समझना, हनीत गाँधी, हृदयकांत दीवान in conference विज्ञान और विज्ञान शिक्षा. Held at IISER, Mohali, Organised by Azim Premji University and IISER, Mohali. October 13, 14, 15

Singh, P.K., Gandhi, H. (2018). Establishing a community of participation in a primary mathematics classroom: An action research. In S. Ladage & S. Narvekar (Eds.), Proceedings of epiSTEME 7 — International Conference to Review Research on Science, Technology and Mathematics Education, p.314-322. India: Cinnamon Teal

Developed and Delivered Video lectures for Diploma in Elementary Education (D.El.Ed) Programme to be telecasted on the DTH Channel, Swam Prabha. Following topics were undertaken on the Course no. 504- title "Learning Mathematics at Elementary Level".

1. Concept of Measurement And Measures
2. Non-Standard And Standard Measures
3. Measurement of Length
4. Measurement of Weight
5. Measurement of Time
6. Measurement of Area
7. Measurement of Volume
8. Metric System of Measurement

2017

- Gandhi, H. Garg, R. (2017). शिक्षक/ शिक्षिका शिक्षा कार्यक्रमों में गणित-शिक्षण का बदलता स्वरूप: गणित अध्यापक-शिक्षिका के रिफ्लेक्शन. संगोष्ठी स्कूली शिक्षा के बदलते परिदृश्य में अध्यापन कर्म की रूपरेखा. 23-25 मई, 2017. आंबेडकर विश्वविद्यालय, दिल्ली और अजीम प्रेमजी विश्वविद्यालय, बंगलुरु
- Gandhi, H. (2017). Mathematics teachers on incorporating History of Mathematics in the school curriculum. 2017. National Conference On Teacher Education: Current Scenarios And Future Possibilities. 10-11 March, 2017, Department of Education (CIE), University of Delhi (under the aegis of IASE, MHRD, Government of India).
- Gandhi, H. Kumar, M. (2017). Problem- Posing as a guiding framework for understanding the conceptual knowledge of inservice middle grade mathematics teachers about division of fractions 2017. National Conference On Teacher Education: Current Scenarios And Future Possibilities. 10-11 March, 2017, Department of Education (CIE), University of Delhi (under the aegis of IASE, MHRD, Government of India).
- Ahuja. A., Gandhi. H. (2017). Primary teachers' perception on role of mathematics textbooks in teaching, learning and assessing mathematics. 2017. National Conference On Teacher Education: Current Scenarios And Future Possibilities. 10-11 March, 2017, Department of Education (CIE), University of Delhi (under the aegis of IASE, MHRD, Government of India).
- Singh. P.K., Gandhi, H. (2017). Storytelling as conduit of mathematics learning: A case of Grade II children. 8th Annual International Conference Of Comparative Education Society Of India (CESI) held on November 16-18, 2017. Theme of the conference "Criticality, Empathy and Welfare in Contemporary Educational Discourses". Organised by P.G. Department of Education, University of Jammu, Jammu.
- Singh. P.K., Gandhi, H. (2017). Learning repeating patterns in the backdrop of a story- A case of Grade II students. 4th Annual Conference on the theme "Aligning Education Systems to the Challenges of the Future held at Shyama Prasad Mukherji College. University of Delhi. Nov 8-10, 2017.
- Surya, P., Gandhi. H. (2017). An analysis of discourses of a typical middle grade mathematics classroom. National Seminar on Mathematics Education, held in Shillong, December 21-22, 2017.

Research Projects (Major Grants/Research Collaboration)

- 2019-2021: Development of Mathematical Temperament in Large-sized Classrooms: A Feed-Forward for Policy Makers. Principal Investigator. Granted under IMPRESS Scheme of ICSSR.
- Re-envisioning the Continuous and Comprehensive Evaluation: Cross-Curricular Approach and Integration of Life skills. MHRD. Co-Principal Investigator
- 2015-16. History of Mathematics as a Pedagogic Resource : An Exploratory Study. Research and Development, Delhi University
- 2012-13. Understanding Probability a route to Mathematical awareness. Research and Development, Delhi University

2011-12. Understanding Probability: a Pedagogic Endeavour. Research and Development, Delhi University
Awards and Distinctions
UGC NET, JRF and SRF
Association With Professional Bodies
Editorial Team. At Right Angles. Honorary Founder Member, Ramanujan Foundation for Initiatives in Mathematics Education (RFIME), Delhi.
Other Activities

Signature of Faculty Member