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

- 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

Joint, B.El.Ed Admissions-2010-12
Staff Secretary 2010-2012
M.Ed Course Coordinator 2012-13
Convenor, Board of Research Studies, Faculty of Education 2012- 14
Convenor, Internal Assessment Committee 2012-13
Member, School Experience Programme 2013-14
Converner Mhil Committee 2015-16
Convener – MPhil and PhD Admission Committee 2016-17
MPhil Course Coordinator 2015-17
Coordinator, B.Ed Programme 2017-19
Member, MPhil and PhD Admission Committee 2018-19

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
1.	Pedagogy of Mathematics II	**03**	**One hour each**	**B.Ed**
2.	Quantitative Methods in Educational Research	**03**	**One hour each**	**M.Ed**
3.	Introduction to Mathematics Education	**03**	**One hour each**	**M.Ed**
4.	Mathematics Curriculum: Development and Analysis	**03**	**One hour each**	**M.Ed**

5.	Descriptive Research Methods	**02**	**One hour each**	**MPhil, PhD**
6.	Mathematics Curriculum: Perspectives and Debates	**02**	**One hour each**	**MPhil, PhD**
7.	Tutorials	**01**		**B.Ed**
8.	Dissertation	**01**		**M.Ed**
9.	Project work	**01**		**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 (under progress): 4
- M.Phil dissertations (Completed): 5
- M.Phil dissertation (under progress): 2
- M.Ed dissertations (Completed): 16
- M.Ed dissertations (Under progress): 2

Publications Profile

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

2014

Gandhi, H. (2014). Need based Professional Development Programmes: Listening to the voices of teachers. 2014. *Proceedings of International Conference on Education as a Right Across the Levels: Challenges, Opportunities and Strategies*. JMI and UNESCO. Delhi. India. Viva Books Private Ltd. ISBN: 9788130927428

Gandhi, H. (2014). Spatial Understanding. *In Block Geometric Thinking of BES12. Teaching of Mathematics for Primary School Child.* Indira Gandhi National Open University. (IGNOU) Delhi. India. ISBN: 987-81-266-6672-0

Gandhi, H. (2014). Shape and Space. In *Block Geometric Thinking of BES12. Teaching of Mathematics for Primary School Child*. Indira Gandhi National Open University. (IGNOU) Delhi. India. ISBN: 987-81-266-6672-0

Gandhi, H. (2014). Conceptualising Mathematics, its Education and Learning: Initiating a Debate. *Proceedings of the National Conference on Mathematics Pedagogy. Let's Mathematise… Lessons from Practice*. Organized by Jesus and Mary College. DU. ISBN: 9789351562801

2013

Gandhi, H. (2013). Professional Development Programmes: Voices of Teachers. *Conflux, Journal of Education*. NAS publishers. Kerala. Vol 1 (7). Pg 15-18. India. eISSN: 23475706, pISSN: 23209305

Gandhi, H. (2013). Decision Making as an individuating process. *International Journal of Humanities and Social Science Invention (IJHSSI)*. Vol 2(11). 13-20.eISSN: 23197722, pISSN: 23197714

2011

Gandhi, H. (2011). How Heavy it is? In *Measurement. Teaching of Mathematics for Primary School*

Child. Indira Gandhi National Open University. (IGNOU) Delhi. India. ISBN : 987-81-266-61831

2010

Ghosh. J.B., Gandhi, H., Kaur, T. (2010). *Hands on Mathematics: Class VI.* Bharti Bhawan Publishers and Distributors. New Delhi. India. ISBN 10: 8177099728

Ghosh. J.B., Gandhi, H., Kaur, T. (2010). *Hands on Mathematics: Class VII*. Bharti Bhawan Publishers and Distributors. New Delhi. India. ISBN 10: 8177099736

Ghosh. J.B., Gandhi, H., Kaur, T. (2010). *Hands on Mathematics: Class VIII*. Bharti Bhawan Publishers and Distributors. New Delhi. India. ISBN 10: 8177099752

2009

Gandhi, H. (2009). Strategic Content Learning Approach to Promote Self- Regulated Learning in Mathematics. 2009. In Proceedings of *epiSTEME 03, International conference on Science, Technology and Mathematics Education* at HBCSE, Mumbai. Macmillan Publishers India. Ltd. ISBN: 0230637191

2007

Gandhi, H. (2007). Academia Mathematica Today: A Critical Approach. *University News. Association of University Teachers*. Vol 45(25).7-16.ISSN- 05662257

Gandhi, H. (2007). Promoting Self-Regulated Learning in Mathematics through some Pedagogic Strategies. *Indian Educational Review*. NCERT. Vol 43(1). 26-42ISSN- 0972561X

2005

Gandhi, H. (2005*). Mathematics for ATI*. NIIT Ltd. Delhi.

2004

Gandhi, H. (2004). Elucidating Mathematical Problem Solving through Metacognition. *Journal of Indian Education*. NCERT. Vol 30(3). 71-77.ISSN- 09725628

Publications in the Last one year

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)

Conference Organization/ Presentations (in the last three years)

2018

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*

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 अज़ीम 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.

2016

Gandhi. H. (2016). Understanding Children's conceptions of randomness through explorations with symmetric polyhedrons. ICME 13. International Congress on Mathematics. July 2016. Hamburg, Germany

Gandhi. H. (2016). Need and possibilities of using History of Mathematics as a pedagogic

resource for developing mathematical thinking. National Conference on Teacher Education: Issues and Challenges. Feb11-12, 2016. Department of Education, University of Delhi.

Gandhi. H. (2016). Trends in Mathematics Education. Emerging Trends in Science and Mathematics Education. Department of Education, University of Delhi.

Gandhi. H. (2016). Innovative Practices to Enliven Mathematics Classrooms. July 4-5, 2016 Department of Education, University of Delhi (under the aegis of IASE, MHRD, Government of India).

Research Projects (Major Grants/Research Collaboration)

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

Honorary Founder Member, Ramanujan Foundation for Initiatives in Mathematics Education (RFIME), Delhi.

Other Activities