




Faculty Details proforma for DU Web-site

Title	Professor	First Name	HANEET	Last Name	GANDHI	Photograph
Designation	Professor, Department of Education Deputy Dean, Admission Branch, DU					
Address	Faculty of Education 33 Chhatra Marg New Delhi-110007					
Phone No	Office	011-27666377, 011-27667509				
Residence	B-2/ 14 Rajouri Garden- 110027					
Email	haneetgandhi@gmail.com ; hgandhi@cie.du.ac.in					
Web-Page	YouTube Channel: Haneet Gandhi https://www.youtube.com/channel/UCN1plbKIU2umESbA7mRkslg					
Educational Qualifications						
Degree	Institution					Year
Ph. D (Education)	Department of Education, University of Lucknow. Title: Problem Solving in Mathematics through Strategic Content Learning Approach: Promoting Self-Regulated Learning					2009
M.Sc. Mathematics	Indian Institute of Technology (IIT), Delhi.					2002
M.Ed	Jamia Millia Islamia, 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

Deputy Dean, Admission Branch, University of Delhi (Since 2019)

Successfully conducted online, fully contact-less, physical-free, fully Centralised admissions for academic year 2020-21

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

Convener, Internal Assessment Committee 2012-13

Convener, 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

Quantitative Methods of Educational Research

Teacher Education

Subjects Taught

(a) Undergraduate:

Bachelor of Elementary Education:

Core Mathematics

Logico Mathematics

Pedagogy of Mathematics

Liberal Options I – Mathematics

(b) Postgraduate:

Bachelors of Education (B.Ed) :

Paper 2.10. Pedagogy of Mathematics

Masters of Education

Quantitative Methods in Educational Research

Introduction to Mathematics Education

Mathematics Curriculum: Development and Analysis

(c) M. Phil and PhD

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..	Quantitative Methods in Educational Research		
	03/week		M.Ed
2.	Introduction to Mathematics Education		
	03/week		M.Ed
3.	Mathematics Curriculum: Development and Analysis		
	03/week		M.Ed
4.	Tutorials	01/week	B.Ed
5.	Dissertation	01/week	M.Ed
6.	Project work	01/week	M.Ed
7.	Field Experience programme	As per schedule	
Research Guidance			
<ul style="list-style-type: none"> • Ph.D. Doctoral Thesis (Submitted and Awarded): 02 • Ph.D. Doctoral Thesis (under progress): 03 • M.Phil dissertations (Completed): 06 • M.Phil dissertation (under progress): 01 • PG dissertation (Completed) : 34 • PG research Work (under submission) : 01 			
Publication Profile (Year-wise)			
<p>Books:</p> <p>Gandhi, H. and Arora, P. (Forthcoming). National Education Policy 2020: Paving for Transformational Reforms.</p> <p>Gandhi, H. (2021). Assessment of Learning. Pearson Publications</p> <p>Gandhi H, Sharma, Y (2021). Inclusion in Schools. Perspectives and Possibilities (Edited). Shipra Publications</p> <p>Arora, P.; Sharma, Y.; Gandhi, H.; Singh, S. (2021). Re-envisioning School Internship for Teacher Education. Institute of Life Long Learning, University of Delhi.</p> <p>Gandhi H (2016). A Complete Resource for Mathematics and its Pedagogy. Pearson Publications.</p> <p>Gandhi H, Sharma , Y. (2020). Mathematics and Science. Paper II. CTET book. Pearson Publication</p> <p>Ghosh, J. Gnadhi, H.; Kaur, T. (2010). Hands on Mathematics: Class VIII. Bharti Bhawan Publishers and Distributors. New Delhi. India</p> <p>Ghosh, J. Gnadhi, H.; Kaur, T. (2010). Hands on Mathematics: Class VII. Bharti Bhawan Publishers and Distributors. New Delhi. India</p> <p>Ghosh, J. Gnadhi, H.; Kaur, T. (2010). Hands on Mathematics: Class VI. Bharti Bhawan Publishers and Distributors. New Delhi. India</p> <p>Chapters in Books:</p> <p>Gandhi, H. (Forthcoming). School: a site for curriculum and pedagogy. In Pankaj Arora and Haneet Gandhi (Eds). National Education Policy 2020: Paving for Transformational Reforms. Shipra Publications. New Delhi</p>			

- Gandhi, H. and Popli, M. (Forthcoming). Foundational numeracy: a quintessential ingredient for a developing nation. In Pankaj Arora and Haneet Gandhi (Eds). National Education Policy 2020: Paving for Transformational Reforms. Shipra Publications. New Delhi
- Gandhi, H. (Forthcoming). Embracing Ancient Indian Mathematics in the Indian Curriculum. Education in India. Institute of Research in Indian Wisdom (IRIW)
- Gandhi, H. (Forthcoming). Reflective Pedagogy for Engaging Prospective Mathematics Teachers. In S. Mani (Eds). Best Practices in Teacher Education Institutions.
- Gandhi, H. (2021). गणितीय जीवन की बुनियाद. राष्ट्रीय शिक्षा नीति -2020. रचनात्मक सुधारों की ओर. उषा शर्मा, पंकज अरोड़ा.(संपादक) शिप्रा प्रकाशन, दिल्ली
- Gandhi, H. and Sharma K. (2021). शाला : पाठ्यचर्या और शिक्षा-शास्त्र की प्रयोगशाला. राष्ट्रीय शिक्षा नीति - 2020. रचनात्मक सुधारों की ओर. उषा शर्मा, पंकज अरोड़ा.(संपादक) शिप्रा प्रकाशन, दिल्ली
- Gandhi, H. (2021). Multi-Literacy. Multi-Literacy: A 21-Century skill required for sustenance of the next generation. In P. Arora, S Sharma, Y. Sharma (Eds) Synergizing Educational Concerns and Social Needs. MacMillan Publications
- Gandhi, H. and Garg R. (2020). शिक्षक/ शिक्षिका शिक्षा कार्यक्रमों में विषय-शिक्षण सम्बन्धी मनोन्मुख. सम्पादक हृदयकांत दीवान, शिवानी नाग, मनोज कुमार, मनीष जैन अध्यापक, अध्यापन और अध्यापक शिक्षा: नीतियाँ, बहसों और अनुभव। अज़ीम प्रेमजी विश्वविद्यालय। वाणी प्रकाशन। pp-320-328.
- Gandhi, H. and Mittal, R (2020). Using Structural formats of Lesson Plans as a mode to ascertain the underlying assumptions behind teaching. In A. masih, H.K. Bhatia, A.I. Ahmad (Eds). Teacher Education: The Changing Landscape. Vol 2. Jamia Millia Islamia, Delhi. Pp 72-81. India, ND.VL Media Solutions Publication.
- 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
- Gandhi, H. (2017). Curriculum Implementation in Schools. In Block 3 Curriculum engagement in school. Knowledge and Curriculum. Indira Gandhi Open University (IGNOU)
- Gandhi, H. (2017). School: The Site of Curriculum Engagement. In Block 3 Curriculum Engagement In Schools. Knowledge and Curriculum. Indira Gandhi Open University.(IGNOU)
- Gandhi, H. (2014). Shape and Structure. BES 009: Teaching of Mathematics for Primary School Child. Block 5: Geometric Thinking. Indira Gandhi National Open University. (IGNOU) Delhi. India.
- Gandhi, H. (2014). Spatial Thinking. BES 009: Teaching of Mathematics for Primary School Child. Block 5: Geometric Thinking. Indira Gandhi National Open University. (IGNOU) Delhi. India.
- Gandhi, H.; Nagpal, G. (2014). Need based Professional Development Programmes: Listening to the voices of teachers. Education as a right across the levels: Challenges, Opportunities and Strategies. Viva Books. New Delhi, India.
- Gandhi, H.(2012). How Heavy it is? Teaching of Mathematics for Primary Block 4: Measurement. Indira Gandhi National Open University. (IGNOU)
- Gandhi, H. (2010). Strategic Content Learning Approach to Promote Self-Regulated Learning in Mathematics. Mathematics Education-Expanding Vistas. Lady Sri Ram College. DU

Research Publications:

- Gandhi, H. and Ahuja, A. (2021). Nature and occurrence of Lexical Bundles in Mathematical Lesson Plans as indicators of Authority Relationships. Journal of Indian Education. .51(3). NCERT. Delhi.
- Gandhi, H. and Singh, P. (2021). Pedagogical Environments that Open Avenues to Thinking

- Mathematically in Large-sized Classrooms. *Education India Journal: A quarterly refereed journal of Dialogues on Education*. 10 (2)
- Singh, P.K.; Gandhi, H. (2020). Enhancing Teaching-Learning of Mathematics among Grade II Children using Storytelling Strategy. *Indian Education Review*. NCERT. 58 (5). 80-95.
- Gandhi, H. and Verma, N.(2020). Mathematical Doodling using the What-if-not approach. *At Right Angles*. Issue 7, July 2020 Azim Premji University.
- Gandhi, H. and Singh, P.K. (2019). Engaging Students with Mathematics through Story: A case of Grade II children. *Voices of Teachers and Teacher Educators*. VIII,(I), 29-36. NCERT.
- Gandhi (2019). Developing acquaintance to Mathematical Dispositions via Language. *Language and Language Teaching*. Special issue on Literacy. Azim Premji University. 8(2). Issue 16. 8-12.
- Gandhi, H.;Garg, R. (2018). क्या एक 'अच्छी कक्षा', गणित की सफल कक्षा' भी कही जा सकती है ? पाठशाला बहार और भीतर, अज़ीम प्रेम जी विश्वविद्यालय. 1(1). 88-96
- Gandhi, H. (2018). In quest of a Philosophical Frame of Reference. *The Book Review*. South Asia XXXII. XLII (1)
- 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
- 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.
- 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.
- 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). 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
- Gandhi, H. (2014). Covering plane with repeated patterns – Part II. *At Right Angles*. A resource for School Mathematics Teachers. 3 (2). 5-9.
- Gandhi, H. (2014). Covering plane with repeated patterns – Part I. *At Right Angles*. A resource for School Mathematics Teachers. 3 (1). 5-11.
- Gandhi, H. (2013). Professional Development Programmes: *Voices of Teachers*. Conflux, Journal of Education. NAS publishers. Kerala. India. 1 (7). 15-18.
- Gandhi, H. (2013). Decision Making as an individuating process. *International Journal of Humanities and Social Science Invention (IJHSSI)*. 2(11). 13-20.
- Gandhi, H; Verma, M. (2007). Promoting Self-regulated learning in Mathematics through some pedagogic strategies. *Indian Educational Review*. NCERT. 43(1). 26-42.

Verma, M.; Gandhi, H. (2007). Academia Mathematica Today: A Critical Approach. University News. 45 (25). 7-16.

Verma, M.; Gandhi (2004). Elucidating Mathematical Problem Solving through Metacognition. Journal of Indian Education, NCERT. 30 (4).71-77

E-content

Video: Mathematics: A Study of Patterns for the course Pedagogy of Mathematics (EDU220) of NCTE, Delhi

https://drive.google.com/file/d/1Thq01qr5LJXKY5_z6Ib0baDu7sJu1Rz0/view

Textual: Mathematics: A Study of Patterns for the course Pedagogy of Mathematics (EDU220) of NCTE, Delhi

<https://drive.google.com/file/d/1xNHINBrCwuG28odh3yf-k9zbrwsf6DZp/view>

Video: Alternative Modes of Assessment-Part I for the course Assessment for Learning & Educational Measurement and Evaluation (EDU 202) of NCTE, Delhi.

<https://drive.google.com/file/d/1I3dSuvlh2fOyaHH68IWwMBSHZDe21ez0/view>

Video: Alternative Modes of Assessment-Part II for the course Assessment for Learning & Educational Measurement and Evaluation (EDU 202) of NCTE, Delhi.

<https://drive.google.com/file/d/15kikvpRkvQTUSI2ew683WZz7LDLPHaQW/view>

Video: Education Resource titled, Experimental Designs for the course Research Methodology & Academic Writing (EDU 226) of NCTE, Delhi

https://drive.google.com/file/d/1OqxYX1xf_MarVpNLMRpDIswXGjyRMA75/view

Measuring Weight. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.)

<https://www.youtube.com/watch?v=6MJ9CdMW1xk&list=PLABiGXP8XkYYQciC3ppAmxuSoK>

Metric System of Measurement. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=h1eYbxNurX0&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=69>

Non Standard and Standard Measures. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=GkorhD6ojIg&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=47>

Measuring Length. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=GkorhD6ojIg&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=23>

Measuring Capacity. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=GkorhD6ojIg&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=68>

Standard measures of measurement. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=GkorhD6ojIg&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=82>

Concept of Measurement and Measures. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=GkorhD6ojIg&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=106>

Measurement of Time. Course 504. Learning Mathematics at Elementary Level. IGNOU & NIOS Senior Secondary Courses Diploma In Elementary Education (D.El.Ed.). SWAYAM PRABHA 32 DTH Channel

<https://www.youtube.com/watch?v=GkorhD6ojIg&list=PLABiGXP8XkYYQciC3ppAmxuSoKuGPsS8v&index=134>

Courses Developed

Pedagogy of Mathematics I. 2-year B.Ed. Programme, University of Delhi

Pedagogy of Mathematics II. 2-year B.Ed. Programme, University of Delhi

Introduction to Mathematics Education. 2-year M.Ed Programme, University of Delhi

Mathematics Curriculum: Perspectives and Issues. 2-year M.Ed Programme, University of Delhi

Mathematics Curriculum: Debates and Issues. MPhil, Department of Education, University of Delhi

Teacher's training Manual for Classes I and II. NCERT

Pedagogy of Mathematics I for Semester I. B.Ed (Global) Programme of Project Lighthouse. Two-year

B.Ed (Global) Programme. National Council of Teacher Education, NCTE

Pedagogy of Mathematics I for Semester II. B.Ed (Global) Programme of Project Lighthouse. Two-year

B.Ed (Global) Programme. National Council of Teacher Education, NCTE

National Reviewer :

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

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

My YouTube Channel: @Haneet Gandhi

Episode 1: Do you have a mathematical eye?

In this first video, I have taken shapes that exist on a football which often go unnoticed.

Link: <https://www.youtube.com/watch?v=NIks0ZLt3oo>

Episode 2: Eye for Chai.

In this video I have tried to do mathematical anatomy of different-shaped teabags and discern one which is ideal for a good brew.

Link: <https://www.youtube.com/watch?v=beMCw-e8zPY&t=10s>

Episode 3: Tale of Tails:

This video talk about the mathematics behind patterns on animal's skin.

Link: <https://www.youtube.com/watch?v=Prwwh532Eq0&t=27s>

Episode 4: Maths and Face Masks:

Here we compare the two common shaped masks to discern which protects us more: the conical shape or the flat rectangular one.

Link: <https://www.youtube.com/watch?v=xrrjVCbClGk&t=4s>

Episode 5: Do mathematics have a role in shoe-lacing as well? In how many ways can you lace your

shoe? And which among these will give a better fit? Which is the strongest way to lace your shoe? Let's explore

Link: <https://www.youtube.com/watch?v=peM5WGJwB5Y&t=8s>

Episode 6: Cutting a cake also involves some mathematical skills. There are good ways and there are not-so-good ways of cutting the cake. In this video we explore the mathematics behind it.

Link: <https://www.youtube.com/watch?v=3gRqDxBt5oQ&t=11s>

Conference Organization/ Presentations (in the last five years)

2021

Paper Presented titled, Teachers' Epistemological Assumptions that tend to govern their pedagogy while teaching probability. 14th International Congress on Mathematics Education, Shanghai, July 2021 (in Hybrid mode). July 13, 2021

Paper Presented titled, Storytelling as a resource for fostering 'Love for Challenge' for Mathematics in Primary grade Students. 14th International Congress on Mathematics Education, Shanghai, July 2021 (in Hybrid mode). July 17, 2021

Resource Person on Preparing Mathematics Teachers for Embracing the Spirits of NEP 2020. Two Days' Workshop on Enhancing Pedagogical Practices in Mathematics. PMMMNMT, Central University Jammu March 26, 2021

Resource Person on Objective Development of tools assessment. One week Faculty Induction Programme. PMMMNMT, Maharishi Dayanand University, Rohtak. March 04, 2021

Resource Person on Subject based different methods of diversified assessment. One week Faculty Induction Programme PMMMNMT, Maharishi Dayanand University, Rohtak. March 04, 2021

Presented a talk on It's very very random. Online Webinar by School Synergy, TISS February 20, 2021.

Resource person on Listening to Students' Mathematical Voices. National Level Virtual Faculty Development Program on Listening to Students' Voices. Rathinam College of Arts & Science Tamil Nadu February 09, 2021.

Resource Person on Classroom Processes in Mathematics: Constructive Lesson Design and Teaching Virtual National Workshop on Development of Learning Resources in Science and Mathematics Education IASE, MHRD, Department of Education, University of Delhi February 06, 2021.

Resource Person on Planning the classroom experience to achieve the desired learning outcomes. One week Faculty Development Programme on Student Centric Pedagogic Methods. Janki Devi Memorial College & Hansraj college, DU January 30, 2021.

Resource Person on Teaching Mathematics with a multi-disciplinary perspective. National webinar on Strategies and Solutions for Boosting Mathematics Learning. St. Xavier's college, Mumbai January 23, 2021.

2020

Panellist on Preparation needed for implementing National Education Policy- 2020. One-day National Webinar on, Transforming school education- NEP2020 (Perspectives and Challenges) St. Xavier's Institute of Education Mumbai. December 12, 2020

Resource Person on Foundational Numeracy Develop a roadmap for the achievement of Universal Foundational Literacy and numeracy. NCERT. September 25 2020

Resource person on Pedagogical Aspects of Mathematics Teaching Mathematics Education in India: Retrospect and Prospect. Department of Education Mizoram University (A Central University) September 10, 2020

Panelist on NEP-2020 and Teacher Education.. Series of online Panel discussions on National Education Policy 2020. Theme- Teacher Education Teacher Educators_SS: Online Community of Teachers August 09, 2020

Presented a talk on Prospects of higher education at University of Delhi in the online Webinar organized by CED Global on August 07, 2020, 4:00pm-5:30pm.

Resource Person to deliver a lecture on “Learning Outcome Based Assessment: Its Perspectives and Approaches” in the online National Webinar-reg on Assessment and Evaluation in the Present Scenario: Challenges and Strategies, organized by Faculty of Development Centre (PMMMNTT), Hemvati Nandan Bahuguna Garhwal University for duration 11:00am-12:00noon on May 29, 2020.

Presented a talk on Effective Academic Reading and Writing in the online Webinar as Lecture 34 Live for Students under “Bharat Padhe Online” on May 25, 2020 11:00am-12:00 noon. Available on the Facebook page: Teacher Education in India.

Participated in a workshop on Online tools (RAX Software) for reviewing and managing research literature for better research productivity, organized by Guru Nanak Dev University, Amritsar under the PMMMNTT, MHRD, Govt of India on May 15, 2020

Presented a talk on Connecting Culture with Classical Knowledge of Mathematics: An uncharted territory in the online Webinar organized Department of Education, Institute of Home Economics, University of Delhi on May 11, 2020, 4:00pm-5:00pm.

Invited as Chief Guest in the Valedictory session of the five-day workshop (May 6-10, 2020) on Data Analysis and Result Interpretation in Social Science Research organized by Department of Education, Vasanta College for Women on May 10, 2020.

Organised a two-day International Webinar on Education, Assessment and Virtual Worlds: A socio-Philosophical Dialogue at Department of Education, University of Delhi on May 9-10, 2020.

Presented a talk on Affordances of Mathematics: Do you have a Mathematical Eye in the online Webinar organized by CED Global on May 07, 2020, 3:00pm-5:30pm.

Participated in the Webinar titled The Man who knew infinity, organized by Department of Mathematics. Xavier’s College for Women, Aluva, Kerala on April 26, 2020

Presented a coauthored (Mittal, R) a paper titled, Using Structural formats of Lesson Plans as a mode to ascertain the underlying assumptions behind teaching in the International Conference Changing Landscape of Teacher Education held from March, in Jamia Millia Islamia, Delhi on March 04-05, 2020.

Organised a Two-day National Symposium on Draft National Education Policy 2019 under the aegis of IASE, MHRD on February 6-7, 2020.

Participated as a Resource Person in a two-day Tier-2 National Workshop on Research Methodology Resources for Teachers in higher Education at NIEPA, Delhi on January 30-31, 2020.

2019

Resource person in Faculty Development One-day Workshop on Designing Learning Outcomes organized by Faculty Development Centre, under PMMMNTT, MHRD, Kurukshetra University on November 15, 2019

Resource person in Faculty Development Programme in Ramlal Anand College, University of Delhi, September 16, 2019

Resource person in Faculty Development Programme in Maharishi Dayanand University, Rohtak, August

31, 2019

Presented a paper, गणित शिक्षकों की प्रायिकता से सम्बंधित मान्यताओं को समझने का एक प्रयास in the three-day National Conference गणित शिक्षण: अपेक्षाएं और चुनौतियां at Department of Education, University of Delhi in collaboration with Azim Premji University Bangalore from October 11-13, 2019.

Organised a three-day National Conference गणित शिक्षण: अपेक्षाएं और चुनौतियां at Department of Education, University of Delhi in collaboration with Azim Premji University Bangalore from October 11-13, 2019.

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 a paper titled सम्भावना से जुडी बच्चों की अवधारणाओं को समझना , coauthored with Dewan, H. in national conference विज्ञान और वज्ञान शिक्षण 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

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

<p>Scenarios And Future Possibilities. 10-11 March, 2017, Department of Education (CIE), University of Delhi (under the aegis of IASE, MHRD, Government of India).</p> <p>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.</p> <p>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.</p> <p>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.</p>
<p>Research Projects (Major Grants/Research Collaboration)</p>
<p>2019-2021: Development of Mathematical Temperament in Large-sized Classrooms: A Feed-Forward for Policy Makers. Principal Investigator. Granted under IMPRESS Scheme of ICSSR.</p> <p>Re-envisioning the Continuous and Comprehensive Evaluation: Cross-Curricular Approach and Integration of Life skills. MHRD. Co-Principal Investigator</p> <p>2015-16. History of Mathematics as a Pedagogic Resource : An Exploratory Study. Research and Development, Delhi University</p> <p>2012-13. Understanding Probability a route to Mathematical awareness. Research and Development, Delhi University</p> <p>2011-12. Understanding Probability: a Pedagogic Endeavour. Research and Development, Delhi University</p>
<p>Awards and Distinctions</p>
<p>UGC NET, JRF and SRF</p>
<p>Association With Professional Bodies</p>
<p>Editor: Voices of Teachers and Teacher Educators. E-Journal Published by NCERT, Delhi</p> <p>Editorial Team. At Right Angles. Journal published by Azim Premji Foundation.</p> <p>Honorary Founder Member, Ramanujan Foundation for Initiatives in Mathematics Education (RFIME), Delhi.</p> <p>Reviewer for papers in the TSG 11 : Statistics and Probability Teaching of the International Congress of Mathematics Education, ICME-14 to be held in China, July 2020</p> <p>Reviewer for Sage Open Publication</p> <p>Member of Curriculum Development Committee of Project Lighthouse, NCTE, Delhi</p>
<p>Significant Contribution</p>
<p>Contribution in National Policies:</p> <p>Member, Guidelines and policy for Teacher Eligibility Test, NCTE</p> <p>Expert, Foundational Numeracy and Literacy, NCERT</p> <p>Convener of the Paper Pedagogy of Mathematics, Paper I and Paper II for B.Ed (Global) Programme under the Project Lighthouse of NCTE, Delhi</p> <p>Team Leader for the Course Pedagogy of Mathematics in the sub-committee formed by NCTE, Delhi for</p>

developing Open Education Resources for free of cost for Teacher Education Courses
Team Leader in the sub-committee formed by NCTE, Delhi for developing Open Education Resources for the course Pedagogy of Mathematics (EDU220)
Member of sub-committee formed by NCTE, Delhi for developing Open Education Resources for the course Assessment for Learning & Educational Measurement and Evaluation (EDU202)
Member of sub-committee formed by NCTE, Delhi for developing Open Education Resources for the course Research Methodology & Academic Writing (EDU226)
Developed the Syllabus for Pedagogy of Mathematics-I for B.Ed (Global) under Project Lighthouse of NCTE, Delhi
Developed the Syllabus for Pedagogy of Mathematics-II for B.Ed (Global) under Project Lighthouse of NCTE, Delhi

Signature of Faculty Member