



- 1. Name** Gurjeet Kaur
- 2 Designation** Asstt. Prof.
- 3 Office Address** Deptt. Of TT & NFE (IASE),
F/O Education, Jamia Millia Islamia
- 4 Office Phone** 26823108
- 5 E mail** gkaur@jmi.ac.in
gurjeet_edu@yahoo.co.in
- 6 Date of joining JMI** 17th August,2004
- 9 Fields of Research Interest** Cognitive Science, Science Education
- 10 Academic Qualifications:**

S.N	Degree	Year	Division	University
1	B.Sc.(Hons.)-Physics	1990	I	Univ.of Delhi
2	M.Sc.(Physics)	1992	I	Univ.of Delhi
3	B.Ed	1993	I	Univ.of Delhi
4	M.Ed	1994	I	Univ.of Delhi
5	Ph.D.(Education)	2012 - A study of the effectiveness of an instructional design developed for bridging the gap between the shared and alternative conceptions of future physics teachers		Jamia Millia Islamia

11. Qualified the UGC Test for JRF & Eligibility for Lecturer ship held in June 1994 in the subject ‘Education’.

12 Employment Profile

Position Held	From	To	Courses taught	Name of Institute
Guest Lecturer	96-97,97-98 98-99		Teaching of Physics	M.V.College of Education, Shakarpur, Univ. of Delhi
Lecturer(Perm.) -B.El.Ed.	25.11.99	16.08.04	Core Mathematics Padagogy of EVS & Pedagogy of Natural Science.	Aditi Mahavidyalaya, Bawana, Univ. of Delhi
Astt. Prof -Teaching of Physics	17.08.04	Date	Teaching of Physics B.Ed.) Teaching of Science(ETE)	Deptt. Of TT & NFE, F/O Education, JMI

13 Orientation / Refresher programmes attended:

- Participated in 60th four-week Orientation programme from 13.08.02 to 11.09.02 organized by UGC-ASC, JMI
- Participated in the 13th three week Refresher programme from 19.05.05 to 09.06.05 organized by UGC-ASC, JMI
- Participated in the 18th three week Refresher programme from 17.05.10 to 07.06.10 organized by UGC-ASC, JMI.
- Participated in the 1st three week special winter programme from 11.12.12 to 01.01.13 organized by UGC-ASC, JMI

14 Other training programmes attended:

- Completed training under the Pre Service Curriculum of the Intel Teach Essentials Course conducted at Deptt. of TT & NFE from 28.05.07 to 02.06.07.
- Attended a Short term course on Research Methods in Education organized by Deptt. of Educational studies, JMI from 30th November to 4th December, 2009.

15 Articles/Research Papers Published:

Title	Journal/ Book	Volume	Yr	place of Publicat ion	Co-auth or(if any)	ISBN/ ISSN No.
Facilitating Theory Based Practice	MERI Journal of Education,	I	Oct, 2005	New Delhi		
Preparing Reflective Practitioners	Edu Tracks pp 21-22	6(8)	2007		----- ----	0972-9844
Inter-disciplinary collaboration for quality enhancement in teacher education	Anweshika : Indian Journal of Teacher Education pp 61-69.	4(1)	2007	NCTE, New Delhi	Harjeet Kaur Bhatia	Published by National Council of Teacher Education
Drawing Insights from Cognitive Science for a Strengthened Teacher Preparation: Learnings from Optics	International Journal for Cross-Disciplinary Subjects in Education (IJCDSE). .pp741 – 749	3(2)	2012	UK	-----	2042 6364 (Online)
Title	Journal/ Book	Volume	Yr	place of Publicat	Co-auth or(if	PublisheII ISBN/

				ion	any)	ISSN No.
Rethinking elementary teacher preparation ; A syllabus revision exercise for the course 'Pedagogy of EVS' in DIET curriculum.	Voices of Teachers and Teacher Educators pp.21-25.	1(2)	2012	New Delhi	Farah Farooqi	NCTE, MHRD, GOI./___
Textbook representations as reinforcers of mis(understandings) : The case of ray diagrams in optics.	Voices of Teachers and Teacher Educators pp. 13-17.	2(1)	2013	New Delhi	-----	NCTE, MHRD, GOI /___
Accessing Children's Ideas of the Natural World : an Exploration	The Primary Teacher pp49-60	38(1&2)	2013	New Delhi		NCERT 0970-9282
Facilitating Conceptual Change among Future Teachers : An Investigative Analysis	Jamia Journal of Education, pp112-121	1(1)	2014	New Delhi		2348 3490

16. Reviews

Title of book reviewed	Name of publication in which reviewed	Publication Details	ISSN No.
Democratic Schools:Lessons from chalkface. by Michael W. Apple & James A.Beane, Eklavya Publication.pp.243-246.	Contemporary Education Dialogue	4:2 Spring,2007	0973-1849

17 Articles/Chapters in Books or Self Learning Material

S. No	Title with page numbers	Book/Volume Title	Block	Publisher	Year	ISBN
1	Reviving the spirit of Basic Sciences.	Perspectives in Education pp 445-452		Golden Jubilee Publications Committee, JSS Mahavidyapeeth, mysore.	2009	_____
2.	Shelter	Pedagogy of Environmental Studies pp54-68	Understanding and Transacting Themes in Environmental Studies	Indira Gandhi National Open University, School of Education	2014	978-81-266-6770-3

18 Full papers in Conference Proceedings

S. No.	Title	Details of Conference Publication	Year	ISSN /ISBN No./Publisher
1	Analysing and Addressing Learners' Difficulties in Mathematics	Mathematics Education-Expanding Vistas. Feb, 2008. .pp.45-50	2008	Deptt. of Elementary Education, Lady Sri Ram College (University of Delhi)
2	Analysing and Addressing Future Teachers' Alternative Conceptions in Optics.	Canada International Conference on Education, Toronto, April, 2011. pp514-521	2011	ISBN No. 978-0-95642-63-9-0
3	Conceptual Change:	Pedagogic Trajectories. National	2012	Deptt. of Elementary

	Research trends and implications for science teacher preparation.	Seminar Feb, 2012. pp140-150		Education, Lady Sri Ram College (University of Delhi)
4	Exploring phenomenography-language interface in science for conceptual transformation during teacher preparation	epiSTEME -5; International Conference to review research on Science, Technology and Mathematics Education(January, 2013) pp 118-123.	2013	Homi Bhabha Centre for Science Education, TIFR, Mumbai, India ISBN. 978-93-81542-83-5
5	Science and Technology as People's Enterprise	Education as a Right Across the Levels.: Challenges Opportunities and Strategies The International Education Conference 2014.pp 621-628	2014	ISBN 978-81-309-2742-8

19. Paper presented at Seminars/Conferences

Title of presentation/paper	Topic of Seminar/ conference / workshop	Institution & Place	Date
Schools as socio-culturally safe zones: Exploring the role of text book	National Conference on Mental Health and Well Being ; Issues, Challenges and Strategies for the Future	IGNOU. New Delhi	7Th and 8 th Feb.,2013

20. Suuplementary Material Developed

S.No.	Title	Publisher	Year	No. of Co-authors	ISSN
1	Paryavaran-Kya aur Kaise. Teachers' Guide	District Institute of Educational Training, Old Rajinder Nagar, New Delhi	2011	5	_____
2	Developing Sensitivities through EVS-Teachers' Manual	District Institute of Educational Training, Old Rajinder Nagar, New Delhi	2011	3	_____
3	Pustakon se pare hamara paryavaran	National Council of Educational Research and Training ISBN 978-93-5007 -209-7	2012	3	_____

21. Seminars/Workshops/Training programmes organized

- Co-ordinated the In-Service Training Programme organized by IASE, JMI in June 2005 for PGTs in Physics.
- Member, co-ordination committee of three day ' National Workshop on Research in ICT Integration' in Education organized collaboratively by Intel & Deptt.Of TT & NFE IASE in June,2006.
- Member ,organizing committee of 'Seminar on Education' organized by Deptt. of TT & NFE IASE, JMI at M.A.Ansari Auditorium on 9th, 10th and 12th February,2007.

- Member, Co-ordination committee of 'National Seminar on Revamping Teacher Education Curriculum' organized by Deptt. of TT & NFE on 14-15 May, 2007.
- Coordinated, 2-day workshop on 'Continuous and Comprehensive Evaluation' organised by Faculty of Education, Jamia Millia Islamia for teachers of Jamia schools on 24th and 25th August, 2013.
- Member, Steering Committee, Education as a Right Across the Levels; Challenges, Opportunities and Strategies'. The International Education Conference, 10-11 March 2014 organised by Faculty of Education, Jamia Millia Islamia
- Coordinated the 10 day refresher programme in science for the benefit of Jamia school teachers from 12.05.2014 to 21.05.2014.

22. Seminars/symposia/workshops attended:

- Attended a workshop on 'Evolving a Framework for Peace Education through the Life Skills Approach at the Elementary level of Education' organized by Gandhi Studies Centre, JMI on 17-18 March, 2006.
- Attended the National Workshop on Research in ICT Integration in Education' organized collaboratively by Intel & Deptt. of TT & NFE IASE in June, 2006 and presented a research proposal.
- Participated in the 2-day workshop organized by NAAC & INTEL at Deptt. Of TT & NFE, JMI on 'A Study of the Impact of Integration of Technology on Teacher Education and the quality of teacher' on 15-16th Feb. 2007.
- Attended a workshop on 'Action Research in Educational Technology' organized by NCERT, New Delhi between 14-16th May 2008 and presented a research proposal.
- Attended a programme titled 'A Study on Classroom Transaction of Science & Mathematics Textbooks at Primary, Secondary and Higher Secondary Stages in the light of NCF-2005' organised by DESM, NCERT, New Delhi between 16-20th June, 2008 and developed tools related to the study as a member of the group.
- Attended a workshop on MA(Education) programme in Hindi organized by TISS & JMI between 22-25 Jan, 2009.
- Attended the '3rd National Convention on Testing & Evaluation for Hindi' organized by National Testing Service, India between 18-20th Feb., 2009 and reviewed the material on 'Achievement Testing' as a member of the group.
- Developed academic scripts as part of a 5-day workshop on "Capacity building and development of audio/video script in Science, Maths and English" organized by IGNOU in July, 2009.
- Attended a workshop for reviewing the theme based training modules in EVS for North East teachers organized by DTEE, NCERT.
- Attended the programme titled 'Development of Framework and Syllabi for PG Diploma Courses In Biology, Chemistry, mathematics and Physics Education' organized by Deptt' of Education in Science and Mathematics, NCERT from 6th to 9th November 2012.
- Participated as subject expert in a three day 'workshop on item writing for National Achievement Survey at Secondary Stage (Class X) under RMSA. on September 24 and 25, 2013 at NCERT, New Delhi.

23. Lectures/Talks Delivered

- Delivered two lectures on 'Physics Numericals' and 'Electricity & Related Problems' as part of the INSET programme for teachers of Urdu medium schools organized in December, 2007 by the 'Academy for Professional Development of Urdu Medium Teachers', JMI
- Conducted a lecture cum workshop on 'Teaching, Learning & Assessment in Maths and Science' for the teachers of Apeejay School, Noida on 26.06.07.
- Delivered a lecture on 'Emergent understandings in Assessment' for the teachers of Shafique Memorial Public School on 10.02.10.
- Facilitated a session on Building understanding of CCE for 59 teachers from 8 different schools in Delhi organized by Pravah in March, 2010 as part of their teacher training program titled 'the world is my classroom' at Andhra Educational Society, ITO.
- Delivered a lecture on 'Emergent understandings in Assessment in the context of Physics Education' for physics teachers of Sanskriti School, New Delhi on 2nd July, 2010.
- Delivered a lecture on 'Process-Based Projects in Science' for teachers of Shafiq memorial Co-Ed. Sr. Sec. School on 24 March, 2012.
- Delivered a talk on 'Revealing the Hidden ; Reflections on School and Teacher Education Curricula' on 11.04.2013 as part of the 21st Refresher Course in Education organized by UGC-Academic Staff College, JMI.
- Delivered a lecture on 'Assessing Attitudes & Concerns : challenges and possibilities' as part of the two day workshop on 'Continuous and Comprehensive Evaluation' organised by Faculty of Education, Jamia Millia Islamia for teachers of Jamia schools on 24th and 25th August, 2013.
- Delivered a talk on 'Texts and Contexts': EVS as a lived experience for the B. El.Ed. students of Lady Sriram College, University of Delhi on 26.03.2014.
- Delivered a lecture on 'Emergent issues in Science Education' as part of the ten day refresher programme in Science organised by Faculty of Education, Jamia Millia Islamia for the benefit of Jamia school teachers from 12.05.2014 to 21.05.2014.
- Delivered three lectures as resource person during the three day National Workshop entitled 'Capacity Building of the States and UTs on Greening of the Elementary Schools under SSA in the light of the RTE Act-2009' on the following themes : Green Teaching Learning Practices using Whole School Approach' (on 19.08.2014), 'Greening through Conservation of Resources' (on 20.08.2014) and Greening through Common School Activities' (on 21.08.2014)
- Delivered a talk on 'Children's intuitive explanations vs. counter intuitive ideas in science : negotiating the gap' for the NDMC school teachers at the Nehru Learning Centre for Children and Youth, Teen Murti House, New Delhi on 08.11.2014

24. Acted as Resource Person in the following programmes

- In-Service Education programme for TGTs of Directorate of Education organised by SCERT, New Delhi under DIET, Karkardooma in June 2009.
- National Teleconference on "Evaluation in Teaching Learning Process at Elementary level" organized by IGNOU on 28th October, 2009.

- Capacity Building for Functional English-ESP/Terminology(Sciences)[Role of Language in Teaching and Learning of Science’] organized by Faculty of Education, JMI in Sept.,2011.
- Review workshops for ‘Development of a Manual for Greening of Elementary Schools ‘ organized by Department of Elementary Education, NCERT for the period May 28-June 1, 2012; August 1- 4, 2012 and September 6-8, 2012.
- Capacity Building for Functional English-ESP/Terminology(Sciences)[Role of Language in Teaching and Learning of Science’] organized by Faculty of Education, JMI in Feb,2013..

25 Membership of significant committees/bodies

- Member, ETE Science Curriculum Review Group, SCERT
- Member, B.El.Ed. School Internship Moderation Board, University of Delhi
- Member, Joint Review Mission for Teacher Education to the state of Bihar constituted by MHRD for the effective implementation of the Centrally Sponsored Scheme for Teacher Education under the 12th Plan.

26 Contribution to the academic and corporate life of the University

- Co-ordinator,Diploma in Elementary Teacher Education –Part I,2005-06, 06-07,07-08
- Co-opted member, Admissions Committee,2007-08.and 2008-09.
- Co-Incharge, Practice Teaching (B.Ed.), 2012-13 , 13-14.
- In Charge, School Experience Programme (B.Ed.)