




## Faculty Details Proforma for DU Website 2021

<b>Title</b>	<b>Dr.</b>	<b>First Name</b>	VINOD KUMAR	<b>Last Name</b>	KANVARIA	<b>Photograph</b>
<b>Designation</b>	Associate Professor					
<b>Address</b>	Department of Education, University of Delhi, Chhatra Marg, Delhi (India). Pin Code-110007					
<b>Phone No.</b>	+91-9810086033 (For Text only)					
<b>Email</b>	vinodpr111@gmail.com vkkanvaria@cie.du.ac.in					
<b>Educational Qualifications</b>						
<b>Degree/Course</b>	<b>Institution</b>	<b>Year</b>	<b>Details</b>		<b>NET/JRF/Grade</b>	
Ph.D. (Education)	N. International University, India	----	Specializations: ICT, Educational Technology, Pedagogy of Mathematics		SGPA (S. Grade Point Average): 9.71	
M.A. (Sociology)	TNO University, Chennai	----	Subjects: Specializations- 1. Human Resource Management 2. Social Psychology		(a) CBSE-UGC-NET in Sociology (b) CBSE-UGC-NET in Women's Studies	
M.Ed.	Panjab University, Chandigarh	----	Subjects: Specializations- 1. Educational Technology 2. Measurement and Evaluation		UGC-NET and JRF in Education (Twice)	
M.Sc. (Mathematics)	MDS University, Ajmer	----	Subjects: All General Mathematics Subjects		(a) CSIR-NET in Mathematical Sciences (b) UGC-NET and JRF in Population Studies	
B.Sc., B.Ed. (Four Year Integrated)	Regional Institute of Education (NCERT), Ajmer	----	Subjects: Physics, Chemistry, Mathematics and Education		First Division	
Refresher Course in Research Methodology for Faculty of Social Sciences	University of Hyderabad, Hyderabad	2021	Subject: Research Methodology		Grade A	
General Course on Intellectual Property	World Intellectual Property Organization (United Nations), Switzerland	2020	Subject: Intellectual Property Rights		Grade A (91%)	
Diploma in Legal Studies	Alison, Ireland	2020	Subjects: Legal Studies		Distinction (96%)	
Advanced Diploma in IPR and Competition Law	Alison, Ireland	2020	Subjects: Copyright, IPR and Competition Law		Distinction (86%)	
Refresher Course in Indian Education	University of Delhi, Delhi	2020	Subject: Education and Interdisciplinary Subjects		Grade A+	

System and Skill Development				
Course on Media and Information Literacy	National Open University of Nigeria, Nigeria and UNESCO	2019	Subjects: Media and Information Literacy	Distinction
Course on Digital Literacy	Open University, UK	2019	Subject: Digital Literacy	Distinction
Course on Sustainable Development in Business	Open University of Mauritius, Mauritius and COL	2019	Subject: Sustainable Development in Business	Top 4 <sup>th</sup> Rank
Refresher Course in ICT	Himachal Pradesh University, Shimla	2018	Subject: ICT	Grade A
Course on Introduction to Technology-Enabled Learning	Athabasca University, Canada and COL	2017	Subject: Technology-Enabled Learning	Not Applicable
Refresher Course in Education	JMI, New Delhi	2015	Subject: Education	Grade A
Refresher Course in Education	University of Lucknow, Lucknow	2012	Subject: Education	Grade A
Course on ICT in Education	UNESCO, Bangkok	2011	Subjects: ICT Essentials and Decision Making	Not Applicable
Refresher Course in Education	University of Delhi, Delhi	2011	Subject: Education	Not Applicable
Course on the RTI Act, 2005	CGG, Hyderabad and DoPT, Govt. of India	2010	Subject: RTI Act	Not Applicable
Course on Web Designing and HTML	University of Delhi, Delhi	2010	Subjects: Web Designing and HTML	Not Applicable
Course on MS-Excel	University of Delhi, Delhi	2009	Subject: Excel	Not Applicable
Course on SPSS	University of Delhi, Delhi	2009	Subject: SPSS	Not Applicable
Urdu Certificate Course	Urdu Academy, Delhi and University of Delhi, Delhi	2004	Subject: Urdu	Not Applicable
Master Trainer's Course on Intel Teach to the Future Program	Intel, India	2003	Subject: Computer Applications	Not Applicable
Course on Computer Concepts and Programming in Elementary BASIC	ICS, New Delhi	1994	Subjects: Computer Concepts and Programming in Elementary BASIC	Not Applicable

#### Career Profile

Organization / Institution	Designation	Duration	Role
Department of Education, University of Delhi, Delhi	Assistant Professor (Education)	Continued Since 2008	Academic and Administrative Cadre
Regional Institute of Education (NCERT), Bhopal (M.P.)	Assistant Professor (Mathematics)	About Nine Months	Academic and Administrative Cadre
Directorate of Education, GNCT of Delhi, Delhi	TGT (Math)	About Five Years	Academic and Administrative Cadre
HG International School, Abu-Road	Math-Cum-Physics Teacher	About Six Months	Academic and Administrative Cadre

#### Administrative Assignments

- Center Observer in University Admission Examinations.
- Center Observer in University School of Open Learning Examinations.
- Convener and Member of Interview Boards for University Admission Interviews.
- Career Consultation to School Students, B.Ed. and M.Ed. Students. Invited Speaker in Career Mela at School. Organized Workshop-Cum-Discussion Session on Career Guidance.
- Guidance for UGC-NET in Education to M.Ed. Students.
- Resource Person in Several In-service Training Programmes, Capacity Building Programmes, Seminars, Conferences and Workshops for Teachers, Teacher Educators, Lecturers, Senior Lecturers and Principals.
- Joint Coordinator, Workshop for DoE, DU, Rhythms of The Riverbanks, TERI University, New Delhi.

8. Joint Convener, Annual Report Committee-2012, 2014, DoE, University of Delhi.
9. Coordinator, Workshop on OER and ETL, DoE, University of Delhi.
10. Coordinator, Workshop on Professional Development and Capacity Building of Teacher Educators, DoE, University of Delhi.
11. Coordinator, Workshop on Faculty Development of Teachers in ICT, DoE, University of Delhi.
12. Convener, Website Management Committee, DoE, University of Delhi.
13. Coordinator, Placement Cell (Till July, 2016), DoE, University of Delhi.
14. Coordinator, Aalok (Publication) (Till 2010), DoE, University of Delhi.
15. Member, M.Phil. (Education) Committee (Till 2021), University of Delhi.
16. Member, Curriculum Committee for Two Year B.Ed. (2008) of University of Delhi.
17. Member, Curriculum Development Committee for Two Year B.Ed. (2015) program of DoE, University of Delhi.
18. Member, Curriculum Development Committee for Two Year M.Ed. (2015) program of DoE, University of Delhi.
19. Member, Committee for Three Year B.Ed., M.Ed. Integrated (2015) program of DoE, University of Delhi.
20. Member, Curriculum Committee for Four Year B.Sc., B.Ed. of Barkatullah University (till 2008), Bhopal (M.P.)
21. In charge, SOCRATES: Society of CIE's Rising Agglomeration of Technologists for Educational System, University of Delhi.
22. Manager, CIE Experimental Basic School (Till January, 2016), University of Delhi.
23. Nodal Officer and Convener, B.Ed. Admission Committee - 2014, University of Delhi.
24. Coordinator, IQAC, DoE, University of Delhi.
25. Nodal Officer, NAAC Committee, DoE, University of Delhi.
26. Convener, Departmental Anti-Smoking Committee, DoE, University of Delhi.
27. Coordinator, Anti-Ragging-cum-Disciplinary Committee, DoE, University of Delhi.
28. Convener, Annual Report Committee, DoE, University of Delhi.
29. Member, Building Utilization Committee, DoE, University of Delhi.
30. Member, Departmental Commercial Activities (Canteen and Photocopy) Committee, DoE, University of Delhi.
31. Coordinator, M.Ed. (2017-20), DoE, University of Delhi.
32. Member, Grievance Redressal Committee, University Hostel for Women, University of Delhi.
33. Member, SC/ST/OBC Grievance Redressal Cell, DoE, University of Delhi.
34. Member, Committee of Courses (Professional) in Education, Faculty of Education, University of Delhi.
35. In-charge and consultant for AQAR, TIF, SSR, ER, NCTE matters, AISHE, GuruJan portal, NAD of DoE, University of Delhi for six years.
36. Member, Faculty of Education, University of Delhi from 2021-2024.

#### **Areas of Interest / Specialization**

- |                           |                               |                          |
|---------------------------|-------------------------------|--------------------------|
| 1. Educational Technology | 2. Measurement and Evaluation | 3. Mathematics Education |
| 4. ICT in Education       | 5. Academic Writing           | 6. Copyright Issues      |
| 7. Citations              | 8. Anti-Plagiarism            |                          |

#### **Subjects Taught**

1. Mathematics at Secondary and Senior Secondary school level.
2. Mathematics at B.Sc., B.Ed. (Four-year course) level.
3. Teaching of Mathematics at B.Sc., B.Ed. (Four-year course) and B.Ed. (One-year course and two-year course both) level.
4. Educational Technology at B.Ed. (One-year course and two-year course both) and M.Ed. (One-year course and two-year course both) level.
5. Experimental Education and Research Seminar at M.Ed. level.
6. ICT in Education and Experimental Research at M.Phil. level.
7. Anti-plagiarism, Academic Writing and Citations to PhD students (through Workshop/Seminar mode).

#### **Time Table of the Subjects Taught During the Current Semester**

S.No.	Subject	Days	Time	Classroom
1.	Pedagogy of Mathematics in B.Ed. I Year	Thrice a week	1 hour each	Room No. 126 / Online
2.	Pedagogy of Mathematics in B.Ed. II Year	Thrice a week	1 hour each	Room No. 126 / Online
3.	Education and Technology in B.Ed.	Thrice a week	1 hour each	Room No. 125 / Online
4.	Tutorial in B.Ed.	Once a week	1 hour each	Room No. 125 / Online
5.	FOP in B.Ed. I Year	As per schedule	School timing 6-7 hours per day	Allotted School / Online
6.	SEP in B.Ed. II Year	As per schedule	School timing 6-7 hours per day	Allotted School / Online
7.	Basic Educational Technology	Thrice a week	1 hours each	Room No. 125 / Online

8.	Advanced Educational Technology	Thrice a week	1 hours each	Room No. 125 / Online
9.	Field Based Project in M.Ed.	Once a week	1 hour each	Room No. 125 / Online
10.	Dissertation in M.Ed.	Once a week	1 hour each	Room No. 125 / Online
11.	ICT in Education in M.Phil.	Once a week	2 hours each	Room No. 125 / Online
12.	Experimental Research in M.Phil.	Once a week	2 hours each	Room No. 125 / Online

### Publications Profile

#### Papers / Articles in Journals

S. No.	Title of the research paper (Year, Single/Co-authored)	Name of the Journal and ISSN	Vol. (Issue) and page no.
1.	Rainbow, 2009, Single	Shaikshik Palash, 24472030 (PR)	4(2), 20-21
2.	Orienting pre-service teachers to develop educational multimedia presentation, 2009, Single	Journal of Indian Education (NCERT), 09725628 (UC)	14(4), 67-73
3.	ICT in teacher education: A retrospection for improvising presentation practices, 2010, Single	International Journal of Education and Allied Sciences, 09758380 (PR)	2(1), 37-46
4.	PowerPoint presentations and preservice teaching: A naturalistic enquiry for development, 2010, Single	Learning Community: An International Journal of Educational and Social Development, 09763201 (PR)	1(1), 63-69
5.	Research methodology for ICT: Framing of a research, 2011, Single	Indian Journal of Education Research Experimentation and Innovation, 22310495 (UA)	1(1)
6.	Ganit shikshan prashikshan main powerpoint ki bhoomika: Sopanak pranali/paaroop, 2011, Single	Warima: Shodh Patrika Manviki Evam Sahitya, 09768548 (UA)	2(1), 107-115
7.	Technology enhanced capacity building: Web 2.0 tools for in-service teacher education, 2011, Single	Staff and Educational Development International, 09719008 (UA)	15(2), 135-141
8.	ICT in schools: A developmental overview of equipage and pedagogy integration, 2011, Single	Mindshare: International Journal of Research and Development, 22294872 (UA)	1(1), 3-6
9.	Googling the group: Teacher education through ICT, 2012, Single	American Academic and Scholarly Research Journal, 2162321X (PR)	4(2), 99-113
10.	Challenges and innovative techniques in open and distance learning: A case study, 2012, Single	Journal of Advanced Social Research, 22318275 (PR)	2(1), 1-10
11.	Munia aur mausi, 2012, Single	Shaikshik Palash, 24472030 (PR)	7(3), 31-33
12.	Right to education: A compilation of key issues, 2012, Co-authored with J. Mishra	Panorama, 22309101 (PR)	2(1), 19-41
13.	Web 2.0 tools in pedagogy of Mathematics: A case for dealing with circle, 2012, Single	India Education Review [Online] (PR)	--
14.	Khel-khel main ganit sikhaayen, 2013, Single	Shaikshik Palash, 24472030 (PR)	7(5), 13-16
15.	Interacting to the educational technology industry through educational excursion, 2014, Single	Teacher's Pride, 23484152 (PR)	1(2), 14-20
16.	Achieving quality in B.Ed. practice teaching: Are we really serious? 2014, Single	Teacher's Pride, 23484152 (PR)	1(1), 46-48
17.	Satat evam vyapak moolyankan: Ek sankalpnik drishtipaat evam kuchh navachar, 2014, Single	Shaikshik Palash, 24472030 (PR)	8(5,6), 38-44
18.	Programs for teacher education: Reiterating pre-service and in-service pedagogical concerns, 2014, Co-authored with R.R. Singh	International Research Journal for Quality in Higher Education, 23495405 (PR)	1(5), 3-6
19.	Computer technology and teaching system: Interaction and the challenges ahead, 2014, Single	Commonwealth Open Schooling Association Journal of Open Schooling, 09760407 (PR)	5(1), 88-98

20.	ICT augmented elementary teaching and learning, 2015, Single	The Primary Teacher (NCERT), 09709282 (UC)	40(2,3), 59-69
21.	The vulnerable face of mass technology: Televised violence and aggression in children, 2016, Co-authored with P. Nadar	International Journal of Humanities and Social Science, 23487429 (UA)	2(2), 1-9
22.	Integrating ICT in education for sustainable development: A facilitator's comprehension, 2016, Co-authored with S. Bisht	International Journal of Education and Applied Sciences Research, 23494808 (PR)	3(6), 51-58
23.	ICT policies on education in developing countries of Asia: Focus and priority areas, 2017, Co-authored with P. Yadav	Jamia Journal of Education: An International Biannual Publication, 23483490 (UA)	3(2), 151-158
24.	Bulletin boards in school: A tool for facilitating learning, 2017, Co-authored with B. Nagpal	Eduspectra, 23949430 (PR)	3, 6-13
25.	Theoretical underpinnings for Edmodoing the teaching-learning, 2017, Co-authored with P. Gupta	Printing Area: International Research Journal, 23945303 (UA)	32(9), 15-20
26.	Edmodo, concept attainment and mathematics: Structuring a research, 2017, Co-authored with P. Gupta	Vidyawarta: International Multilingual Research Journal, 23199318 (UA)	19(7), 21-27
27.	Theatrical aesthetic activities in learning of mathematics, 2017, Co-authored with N. Gupta	Meethaq: International Journal of Humanities, 2395132x (UA)	3(2), 22-28
28.	Adhyapak-shiksha ke antargat dwivarsheey shiksha snaatak paathyakram ka swaroop aur prabhaav, 2017, Single	Pariprekshya, 09727515 (UA)	24(1), 47-64
29.	Social networking sites in the lives of university students: A study, 2017, Co-authored with D. Kukreja	The Communications: Journal of Applied Research in Open and Distance Education, 09756558 (UA)	25(2), 67-73
30.	Learning with ICT: Use and barriers from teachers' perceptions, 2018, Co-authored with Payal	International Journal of Recent Scientific Research, 09763031 (UA)	9(1), 23545-23548
31.	Shiksha me takniki ki samajh evam naveen prayog, 2018, Single	Bhartiya Aadhunik Shiksha (NCERT), 09725636 (UC)	38(3), 105-111
32.	Challenges faced by teachers in an ICT equipped classroom, 2018, Co-authored with Payal	International Journal of Innovative Studies in Sociology and Humanities, 24564931 (UA)	3(4), 1-4
33.	Socially disadvantaged groups, education and role of ICT, 2018, Single	The Sociology Teacher, 20523181 (UA)	7(2), 28-37
34.	Educational technology: Misconceptions among pre-service teachers and pre-service teacher educators, 2018, Single	Jamia Journal of Education: An International Biannual Publication, 23483490 (UA)	4(2), 67-76
35.	Teaching for concept attainment in mathematics: Traditional methods versus using information and communication technology, 2018, Single	Staff and Educational Development International, 09719008 (UA)	22(2), 37-51
36.	Social networking: A recent trend in education, 2018, Co-authored with B. Nagpal	International Journal of Interdisciplinary Studies and Research, 2349820X (UA)	5(1), 6-13
37.	Education in 21st Century: Innovations and initiations in India, 2018, Co-authored with B. Nagpal	AITEA International Journal of Education and Humanities, 2231380X (UA)	7(14), 16-22
38.	Learning and instructional strategies: Policies and ground realities on innovations in classrooms, 2018, Co-authored with M. Sharma	Journal of All India Association for Educational Research, 09709827/8 (UA)	30(1&2), 61-78
39.	Digital assessment practices in teacher education: Showcasing the digital plagiarism-check, 2019, Single	National Journal of Education, 09729569 (UA)	14(1), 48-59
40.	Vidyalayi shikshak chayan: Kitna tarkik kitna sangat, 2019, Single	Research Reinforcement: A Peer Reviewed International	6(2), 1-5

		Refereed Journal, 23483857 (UA)	
41.	New B.Ed. programme in India: A convergent parallel study on ICT-integration, 2019, Co-authored with B. Nagpal	Brazilian Review of Open and Distance Learning, 18061362 (PR)	18(1), 1-24
42.	Edmodoing the concept attainment in mathematics and pedagogy: A participant observation exploratory study, 2019, Single	Journal of Labour and Education, 25440179 (PR)	7, 89-108
43.	Peeping into anxiety and causes amongst secondary school students, 2020, Co-authored with A. Kumari	Gitarattan Journal of Education, 25819518 (PR)	2(2), 69-87
44.	Educational scenario and quality concerns in online digital distance learning during and after pandemic 2020, 2020, Single	Journal of the Academy of Psychology of Sao Paulo, 21763038 (PR)	40(99), 169-179
<b>Books / Chapter in Books</b>			
<b>No.</b>	<b>Title of the Book / Chapter (Single/Co-authored)</b>	<b>Publisher with address, Year</b>	<b>ISBN / ASIN</b>
<b>Text or Reference Books published by International Publisher</b>			
1.	Developing a standardized achievement test: Vinod's trigonometry achievement test, Single	LAP, Germany, 2011	9783844322255
2.	Evaluating a textbook: A case of class IX mathematics, Co-authored with D. Sharma	VDM, Germany, 2011	9783639379266
3.	Plagiarism and Citing References: Core Issues and APA Style Exemplar (A Ready-Reckoner), Single	Lulu, USA, 2013	9781304529367
4.	Constructivism and constructivist pedagogy of mathematics in 21st century, Single	Kindle, USA, 2013	ASIN: B00CLDQG6G
5.	Penalties for plagiarism in academic institutions, Single	Kindle, USA, 2013	ASIN: B00CRJYN9Q
6.	Professional development and capacity building of teacher educators: Through ICT, Single	Createspace, USA, 2015	9781511622837
7.	Plagiarism, citation and referencing: Issues and styles, Co-authored with others as Editor/Mentor	Createspace, USA, 2015	9781517395223
8.	Faculty development for in-service teachers on ICT for teaching and learning: A handbook, Co-authored with others as Editor/Mentor	Createspace, USA, 2015	9781511621748
<b>Subject books by National level Publishers OR State / Central Govt. Publications</b>			
1.	Ganit Shikshashastra, Co-authored with others	NCERT, New Delhi, 2012	9789350072103
2.	Pedagogy of Mathematics: Textbook for two-year B.Ed. course	NCERT, New Delhi, 2012	9789350071892
3.	Uchch prathmik star par satat evam vyapak moolyankan hetu sandarshika, Co-authored with others	SCERT, New Delhi, 2012	--
4.	A comprehension on educational technology and ICT for education, Single	GBO, New Delhi, 2014	9789380570709
5.	Perspectives and perceptions on academic writing and citations, Co-authored with others as Editor/Mentor	VL Media Solution, New Delhi, 2016	9789385068836
6.	Innovative teaching-learning practices in school mathematics, Single	VL Media Solution, New Delhi, 2016	9789386229045
7.	A resource book on pedagogy of mathematics, Single	Scholar Publishing House, New Delhi, 2017	9788193203552
8.	Academic writing, anti-plagiarism and citations, Co-authored with others as Editor	Shipra Publications, Delhi, 2018	9789386262684
9.	ICT for education: A few concepts and researches, Co-authored with others as Editor	New Delhi Publishers, Delhi, 2018	9789386453433
10.	Cyber-bullying in schools: An exploration, Co-authored with S. Negi	Ansh Book International, Delhi, 2019	9788193446140
<b>Chapter in Books published by International Publisher</b>			
1.	Information technology web 2.0 tools for evaluation, Single	Classroom 2.0, Steve Hargadon, US, 2013	--
2.	Future of open education: A lifelong learner's vision through OERP 2030, Single	European Commission, Spain, 2013	--

3.	Semantics and pragmatics in mathematical events: A linguistics view in Handbook of research on applied learning theory and design in modern education, Single	IGI Global, USA, 2016	9781466696341
4.	ICT in higher education: Overcoming the challenges, in G.S. Latwal, S.K. Sharma, P. Mahajan & P. Kommers (Eds.) Role of ICT in higher education (411-422), Co-authored with Dubey, V.	Apple Academic Press (Taylor and Francis Group), USA, 2020	9781771889629
5.	Digitalization in education: A shift in learning, teaching and pedagogue-development, in S. Pal, T.Q. Cuong, & R.S.S. Nehru (Eds.) Digital education pedagogy: Principles and paradigms (23-48), Single	Apple Academic Press (Taylor and Francis Group), USA, 2021	9781771888875
<b>Chapter in Books published by National Level Publishers</b>			
1.	Learning resources in mathematics, in R.P. Maurya (Coord.) Pedagogy of Mathematics: Textbook for two-year B.Ed. course (213-236), Single	NCERT, New Delhi, 2012	9789350071892
2.	Professional development of mathematics teachers, in R.P. Maurya (Coord.) Pedagogy of Mathematics: Textbook for two-year B.Ed. course (307-325), Single	NCERT, New Delhi, 2012	9789350071892
3.	ICT-pedagogy integration in learning mathematics, in H.K. Senapaty (Coord.) Pedagogical usage of ICT for teacher educators (129-136), Single	RIE (NCERT), Bhubaneswar, 2012	--
4.	OER: Conceptual framework, in B.N. Panda (Coord.) OER for teacher educators (11-33), Single	RIE (NCERT), Bhubaneswar, 2013	--
5.	OER for professional development of teachers and teacher educators: An overview, in B.N. Panda (Coord.) OER for teacher educators (209-234), Single	RIE (NCERT), Bhubaneswar, 2013	--
6.	In-service training programme, in B.N. Panda (Coord.) OER for teacher educators (235-245), Single	RIE (NCERT), Bhubaneswar, 2013	--
7.	Academic association, collaboration and forum, in B.N. Panda (Coord.) OER for teacher educators (246-263), Single	RIE (NCERT), Bhubaneswar, 2013	--
8.	Journals and other resources, in B.N. Panda (Coord.) OER for teacher educators (264-271), Single	RIE (NCERT), Bhubaneswar, 2013	--
9.	Statistical tools, in B.N. Panda (Coord.) OER for teacher educators (272-279), Single	RIE (NCERT), Bhubaneswar, 2013	--
10.	R-project: Statistical research tool, in B.N. Panda (Coord.) OER for teacher educators (280-285), Single	RIE (NCERT), Bhubaneswar, 2013	--
11.	Web conferencing, in B.N. Panda (Coord.) OER for teacher educators (286-291), Single	RIE (NCERT), Bhubaneswar, 2013	--
12.	Recent ICT for pedagogy of commerce subjects, in R. Raizada (Coord.) Training package on pedagogy of Commerce subjects (35-37), Single	RIE (NCERT), Bhopal, 2013	--
13.	Kya aapka computer Hindi type karta hai? in Aha zindagi, Single	Dainik Bhaskar, Jaipur, April, 2013	RAJHIN/2004/13288
14.	Evolution of compatible research methodology: Discussing a case from education, ICT and mathematics, in D.R. Goel (Ed.) Educational research: Issues and concerns (216-224), Single	CASE, MS University, Baroda, 2013	9789382498612
15.	Holistic education: De-individualizing the differences, in J.R. Diane (Ed.) Holistic teacher education: Challenges and remedies (5-8), Co-authored with P. Jain	SACERC, Puducherry, 2013	9788192130149
16.	Mathematics teachers training manual for classes 1 and 2, Co-authored with others	DEE, NCERT, New Delhi, 2017	9789352920884
17.	Training package in mathematics at higher secondary stage, Co-authored with others	DESM, NCERT, New Delhi, 2014	--
18.	Training material and formats on internship in constructivist model, Co-authored with others	RIE, NCERT, Bhopal, 2013	--
19.	Learning of mathematics, Single	IGNOU, New Delhi, 2014	9788126667697

20.	Distant Learners: ICT tools for mathematics evaluation, in S.S. Jena, K. Agarwal & S.K. Mahapatra (Eds.) ICT in education: Perspectives on open distance learning (52-66), Single	NIOS, Noida, 2014	9788175417250
21.	Interacting with teaching system through use of computer technology and the challenges ahead, in S.K. Grewal & G. Gupta (Eds.), Institutional quality improvement: Role of ICT (189-199), Single	Twenty First Century Publication, Patiala, 2015	9788189463427
22.	Televised violence: Neutralizing the aggression in children, in M. Gera (Ed.) Media technologies: A critical evaluation (349-356), Co-authored with P. Nadar	Twenty First Century Publication, Patiala, 2016	9789385448065
23.	Internet addiction: A study of impact upon college students, in M. Gera (Ed.) Media technologies: A critical evaluation (220-225), Co-authored with Geetanjali	Twenty First Century Publication, Patiala, 2016	9789385448065
24.	Academic writing and citations: A study on opinions, in V.K. Kanvaria (Ed.) Perspectives and perceptions on academic writing and citations (146-166), Single	VL Media Solution, New Delhi, 2016	9789385068836
25.	Exploring quality of web-based learning: Perception of distant learners, in M. Gera (Ed.) Distance and e-learning in global context (316-324), Co-authored with N. Gupta	Twenty First Century Publication, Patiala, 2017	9789385449819
26.	Web based teaching and learning in teacher education: A reality or still a vision, in M. Gera (Ed.) Distance and e-learning in global context (233-239), Co-authored with D. Kukreja	Twenty First Century Publication, Patiala, 2017	9789385449819
27.	Professional development of teacher educators: ICT educational resources for learning, teaching and capacity building, in S.K. Panda (Ed.) Preparing humane teacher for diverse society (201-233), Single	Saad Publications, Delhi, 2017	9789380633336
28.	Parental involvement in school: An overview, in S.K. Panda (Ed.) Creating beautiful school for learner (176-189), Co-authored with B. Nagpal	Ankur Book Distributors, Delhi, 2017	9788193446904
29.	Turning schools smarter: The smart school way, in S.K. Panda (Ed.) Creating beautiful school for learner (284-296), Co-authored with N. Gupta	Ankur Book Distributors, Delhi, 2017	9788193446904
30.	Educational cyberspace: The prospects for higher education in India, in S.K. Panda (Ed.) Higher education in India: Opportunities and challenges (150-163), Co-authored with D. Kukreja	Ankit Publications, Delhi, 2018	9789381234761
31.	MOOC: A tool for digitalization of teacher training programmes, in P. Kaul (Ed.) Teacher education: Emerging perspectives (15-27), Co-authored with B. Nagpal	Adhyayan Publishers & Distributors, New Delhi, 2018	9788184354584
32.	Vidyalayi adhyapak chayan: Maanakta ek dwandwa, in A. Ranjan (Ed.) Contemporary issues in education (27-37), Single	Udbhavana, Ghaziabad, 2018	9789385428661
33.	Contemporary Education in India: Issues, Loopholes and Measures, in S. Panda (Ed.) Teacher education in India: Trends and strategies (61-80), Co-authored with M. Sharma	Goel Publications, New Delhi, 2019	9788194081913
34.	Teacher education: Key issues and challenges in India, in S. Panda (Ed.) Global dimensions of teacher education (13-27), Co-authored with S. Kumar	Ankit Publications, New Delhi, 2019	9789381234877
35.	Future of education: A vision from an educational technologist, in S. Rani (Ed.) Future of education: An innovative approach in the technotronic era (18-25), Single	Swaranjali Publication, Ghaziabad, 2019	9789388838764



36.	English grammar mobile applications as teacher: A participatory quasi-experiment for learning, in A. Masih, H.K. Bhatia & A.I. Ahmad (Eds.) Teacher education: The changing landscape (190-205), Co-authored with V. Dubey	VL Media Solutions, New Delhi, 2020	9789387916715
37.	An analytical understanding on teaching with technology in mathematical teaching-learning space, in S. Kumar & P. Chaudhari (Eds.) Research trends in science and mathematics education (104-120), Co-authored with M. Popli	APH Publishing Corporation, New Delhi, 2020	9789389875485

**Conference Organization / Presentations**

S. No.	Title of the Paper presented (Oral/Poster) or invited lecture	Title of the Conference / Seminar with Date	Organized by	Status (International/ National/ State Univ. level)
1.	Guidance and counselling for school Students	Programme on Career Counselling, 26/08/2008	GBSSS, Delhi	Local
2.	Environmental education: A behavioural concern	National Seminar on Environmental Education: A Behavioral Concern, 28/02/2009	RIMT, Patiala, Punjab	National
3.	An experimentation with cascade model for research on applying PowerPoint presentations in pre-service teaching of mathematics	National Workshop on Interdisciplinary Researches in Adult, Continuing Education and Extension, 27/04/2009	DACEE, University of Delhi, Delhi	National
4.	Distance education: Students, challenges and innovative practices	National Seminar on Experiments and Innovations in Distance Education and Open Learning in the Globalised Era, 19/02/2010	USOL, Panjab University, Chandigarh	National
5.	Construction of achievement tests: Processes and practical considerations	Research Colloquium/Seminar, 03/03/2010	DU, Delhi	University
6.	ICT in education	National Seminar on Trends and Challenges in Education, 27/11/2010	MIMT, Greater Noida, UP	National
7.	Systemic reforms, ICT and sustainable development	National Seminar on Education for Sustainable Development, 10/12/2010	PCE, Patiala, Punjab	National
8.	Education for sustainable development	National Seminar on Education for Sustainable Development, 10/12/2010	PCE, Patiala, Punjab	National
9.	The role of teacher education in creating a knowledge society	National Seminar on the Role of Teacher Education in Creating a Knowledge Society, 18/12/2010	SIE, Meerut, UP	National
10.	The path of duty is the way to glory	National Seminar on the Path of Duty is the Way to Glory, 19/12/2010	SDM, Meerut, UP	National
11.	School experience programme in teacher training: Content based evaluation or process-based evaluation	National Conference on Excellence in Teacher Education: Trends, Challenges and Prospects, 22/12/2010	IATE, MJPR University, Bareilly, UP	National
12.	ICT, sustainable development and contemporary education reforms	National Conference on Contemporary Educational Reforms in India, 25/12/2010	AIATE, IASE University, Churu, Rajasthan	National
13.	Gender justice, human rights and caste atrocities:	National Seminar on Multi-dimensional Aspects of Human	NMLPGC, Hanuman Garh	National

	Politics in higher education	Rights in the Era of Globalization: Theory and Practice, 19/01/2011	Town, Rajasthan	
14.	Macro teaching: Strategies for participatory learning	National Seminar on Qualitative Improvement in Teacher Education, 29/01/2011	DPBSPGC, Anoop Shahar, UP	National
15.	Distance learning: Challenges and innovative techniques for the disadvantaged learners	National Seminar on Student Support Services for the Disadvantaged, 30/01/2011	IGNOU, Koraput, Odisha	National
16.	Quality in practice teaching: Are we really serious?	National Seminar on Quality Improvement in Practice Teaching: Teacher Education, 05/02/2011	SSIPICE, Petlad, Gujarat	National
17.	Teaching of mathematics through technology	State Level Workshop for Jharkhand on Teaching of Mathematics, 07/02/2011	DEP-SSA, New Delhi	State
18.	Role of teacher education in global context	National Seminar on Emerging Trends in Education in the Era of Globalization, 19/02/2011	MMCE, Bhatinda, Punjab	National
19.	Pedagogy-technology integration for professional development of teacher educators	National Workshop on pedagogy-technology integration for professional development of teacher educators, 24/02/2011	RIE (NCERT), Bhubaneswar, Odisha	National
20.	Integration of ICT in education	National Workshop on Integration of ICT in Education, 05/03/2011	VICT, Meerut, UP	National
21.	Googling the group: ICT in pre-service teacher education	National Workshop on Teacher Education, 12/03/2011	DoE, University of Delhi, Delhi	National
22.	Technology enhanced capacity building: A futuristic and continuous approach to in-service teacher education	National Seminar on Teacher Education Through ODL in the Context of RTE, 22/03/2011	DEP-SSA, IGNOU, New Delhi	National
23.	Capacity and life skills building: Law, practices and ground realities for welfare of scheduled castes and scheduled tribes	National Workshop on Capacity Building and Life Skills Building, 28/04/2011	DACEE, University of Delhi, Delhi	National
24.	CCE: Basics and applications	Workshop on CCE, 29/06/2011	Ryan International School, Delhi	Regional
25.	Teacher education in the global era	National Seminar on Teacher Education in Global Era, 26/11/2011	TIST, Meerut, UP	National
26.	Innovative teaching strategies for participatory learning: A reflection on classroom practices	National Seminar on Innovative Practices in Teaching for Grooming of Upcoming Professionals, 03/12/2011	SBDC, Meerut, UP	National
27.	Right to education: A brief overview of issues, challenges and strategies	National Seminar on RTE, 13/02/2012	PURC, Bathinda, Punjab	National
28.	Environmental pollution and sustainable development: Statuary realities and scientific challenges	National Seminar on Environmental Pollution and Sustainable Development: Statutory Realities, Social Chaos and Scientific Challenges, 25/02/2012	NMLPGC, Hanuman Garh Town, Rajasthan	National
29.	Inclusive education: A conceptual framework for	National Conference on Samarthyam, 01/03/2012	LLDIMS, New Delhi	National

	comprehensive social development			
30.	Educational psychology: A way out for innovative teaching learning	International Seminar on Educational Psychology: An Innovative Approach in Teaching-learning Process, 24/03/2012	CRCE, Rohtak, Haryana	International
31.	Group project work: A discussion on objectives and method	ECP for PGDHE of IGNOU, 25/05/2012	RC, IGNOU, Noida	Regional
32.	Small group activity: Developing presentations	ECP for PGDHE of IGNOU, 25/05/2012	RC, IGNOU, Noida	Regional
33.	Teaching-learning in data handling (Through teleconferencing)	National Level Teleconferencing Session on Data Handling in Mathematics, 09/08/2012	DEP-SSA, Delhi	National
34.	Action research	State Level Workshop for Manipur on Action Research, 03/10/2012	DEP-SSA, New Delhi	State
35.	Semantics and pragmatics of mathematical events: A discussion from daily life experience	National Meet on National Year of mathematics, 20/12/2012	NCERT, New Delhi	National
36.	CCEG: A conceptual overview and ground realities	National Seminar on CCE and Grading System, 21/12/2012	DEI, Agra, UP	National
37.	Higher education and e-learning in India	National Seminar on Quality Assurance in Higher Education, 20/01/2013	KSBDPGC, Kanpur, UP	National
38.	Quality assurance in higher education	National Seminar on Quality Assurance in Higher Education, 20/01/2013	KSBDPGC, Kanpur, UP	National
39.	OER for teacher educators	National Level Workshop on OER for Teacher Educators, 01/02/2013	RIE (NCERT), Bhubaneswar, Odisha	National
40.	Holistic education: De-individualizing the differences	National Conference on Holistic Teacher Education: Challenges and Remedies, 06/02/2013	SACERC, Puducherry	National
41.	Evolution of compatible research methodology: Discussing a case from education, ICT and mathematics	National Seminar on Educational Research: Issues and Concerns, 01/03/2013	CASE, MSU, Vadodara, Gujarat	National
42.	Researching pedagogy of mathematical concept with technology: An interdisciplinary approach	Graduate Students' Seminar on Interdisciplinarity in Educational Studies, 12/03/2013	ZHCES, JNU, New Delhi	National
43.	Assessing distant learners: ICT tools for mathematics evaluation	International Conference on Education for All: Role of Open Schooling, 13/03/2013	NIOS, Noida	International
44.	Challenges in teacher education	National Seminar on Challenges in Teacher Education, 31/03/2013	BTTC, Alwar, Rajasthan	National
45.	Quasi-experimental interdisciplinary study: A case from mathematics education and technology	Research Colloquium/Seminar, 07/08/2013	DU, Delhi	University
46.	ICT and OER in education	Workshop on OER for teaching-learning situations, 23/11/2013	Apeejay School, New Delhi	Local
47.	Inquiry training and models	FDP on NCF for Teacher Education and TET, 06/12/2013	BCMCE, Ludhiana, Punjab	National

48.	ICT enhanced interaction: A 21st century approach to teacher education	National Seminar on Innovations and Challenges in Teacher Education, 15/02/2014	AIE, Greater Noida, UP	National
49.	Factors involved in enhancing mathematics potential through facilitative resource material	National Seminar-cum-Workshop on Enhancing Mathematics Potential Through Facilitative Resource Material, 26/07/2014	SESD and DST, New Delhi	National
50.	OER: Changing trends in teaching, learning and professional development	National Workshop on OER, 06/09/2014	AIE, Greater Noida, UP	National
51.	Web ICT in teaching-learning of science and mathematics	National Hands on Training Program of Teachers on Integration of ICT in Teaching-learning of Science and Mathematics, 17/03/2015	DESM, NCERT, Delhi	National
52.	Offline ICT tools for teaching-learning of science	National Hands on Training Program of Teachers on Integration of ICT in Teaching-learning of Science and Mathematics, 18/03/2015	DESM, NCERT, Delhi	National
53.	Strategies in developing mathematical resource material	Consultative Seminar on Enhancing Mathematics Potential Through Facilitative Resource Material, 11/04/2015	DU, Delhi	National
54.	ICT for teaching learning and professional development of teachers	FDP of Army Public School Teachers, 10, 17, 24 (Two) May, 17 (Two), 19 June, 3, 18 July, 2 August, 2013. 14 (Two), 19 (Two) May, 2015	FDRC, AWES, New Delhi	National
55.	Using online collaborative tools in teaching-learning	National Programme on Use of ICT in Teaching-learning of Science and Mathematics, 05/10/2015	NERIE, NCERT, Meghalaya	National
56.	Use of web 2.0 in teaching-learning of science and mathematics	National Programme on Use of ICT in Teaching-learning of Science and Mathematics, 06/10/2015	NERIE, NCERT, Meghalaya	National
57.	Use of open educational resources in teaching-learning of science and mathematics	National Programme on Use of ICT in Teaching-learning of Science and Mathematics, 07/10/2015	NERIE, NCERT, Meghalaya	National
58.	Technology in teacher education	National Conference on Teacher Education: Issues and Challenges, 11/02/2016	DU, Delhi	National
59.	Televised violence: Neutralizing the aggression in children	National Seminar on Media Technologies: A critical evaluation, 16/02/2016	PU, Chandigarh	National
60.	Education of socially disadvantaged groups: What can ICT do?	National Seminar on Education of Socially Disadvantaged Groups in India, 04/03/2016	RIE, NCERT, Bhopal, MP	National
61.	Academic Writing: A Continuum from Note-making to Dissertation Development	Research Colloquium/Seminar, 07/09/2016	DU, Delhi	University
62.	ICT tools and OER for teaching and learning	Orientation program in ICT for lecturers, 16/09/2016	SCERT, Solan, HP	State
63.	Role of Innovation, ICT, Digital Technology and Social Media in Higher Education: What, Why and How?	International Conference on Global Perspective in Higher Education with Innovation, ICT, Digital Technology and Social Media, 28/10/2016	ICSI, HSV, Chandigarh	International
64.	Teacher Education in India: Peeping into	International Conference on Teacher Education: Challenges,	JMI, New Delhi	International

	Misconceptions about Educational Technology among Pre-service Teachers and Pre-service Teacher Educators	Opportunities and Strategies, 07/12/2016		
65.	Writing a journal article: Let us get published	Research Colloquium / Seminar, 25/01/2017	DU, Delhi	University
66.	Exploring quality of web-based learning: Perception of distant learners	National Seminar on Distance and E-Learning in Global Context, 15/02/2017	PU, Chandigarh	National
67.	Web based teaching and learning in teacher education: A reality or still a vision	National Seminar on Distance and E-Learning in Global Context, 15/02/2017	PU, Chandigarh	National
68.	Vidyalayi shikshak chayan: Maanakta ek dwardwa	International Seminar on Dialectics of Education: Comparative and International Perspectives, 18/02/2017	DU, Delhi	International
69.	ABC of academic writing: A master key for the beginners	National Seminar on Academic Writing, Plagiarism and Citation, 25/02/2017	DU, Delhi	National
70.	Challenges of assessment practices in pre-service teacher education in digital age: Does digital plagiarism-check help?	National Conference on Teacher Education: Current Scenarios and Future Possibilities, 10/03/2017	DU, Delhi	National
71.	Plagiarism, citation and referencing: Issues and challenges	Extension Lecture, 20/03/2017	JMI, New Delhi	University
72.	Plagiarism, citation and referencing: Conceptions and misconceptions	Extension Lecture, 22/03/2017	JMI, New Delhi	University
73.	ICT: A pedagogical tool in teaching-learning process	National Seminar on Enriching Teaching, Learning and Evaluation Systems in the Age of Digitalization, 24/03/2017	GNDU, Amritsar, Punjab	National
74.	Teaching-learning and evaluation in a language school classroom with digital tools	National Seminar on Enriching Teaching, Learning and Evaluation Systems in the Age of Digitalization, 24/03/2017	GNDU, Amritsar, Punjab	National
75.	Vidyalayi shikshak chayan: Maanakta ek mithak	National Seminar on Schooli Shiksha ke Badalte Paridrishya men Adhyapan-karm ki Rooprekha, 25/05/2017	AUD, Delhi and APU, Bengaluru	National
76.	Exploring the nitty-gritty of writing a research paper	Faculty Development Programme for Teacher Educators, 05/08/2017	GRDCE, Delhi	State
77.	Digitization of teaching-learning process	International Conference on Role of Digitalization in Sustainable Development: A Global Perspective, 16/09/2017	MDU, Rohtak, Haryana	International
78.	Perceiving ICT in science education through facilitators' eyes	National Seminar on Science Education, 22/11/2017	RIE, Ajmer, Rajasthan	National
79.	Emerging challenges in education: A quest for better future	National Seminar on Quality as a Goal of Education and Education as a Goal of Quality: A Thrust of MHRD, 15/12/2017	Amity University, Noida, UP	National

80.	Past, present and future of Indian policies: A technological retrospective	National Seminar on Quality as a Goal of Education and Education as a Goal of Quality: A Thrust of MHRD, 15/12/2017	Amity University, Noida, UP	National
81.	ICT for evaluation in higher education and professional development	International Conference on ICT for Education, 27/01/2018	DU, Delhi	International
82.	Striving for sustainable excellence in education using technology: Past, present and future	National Seminar on Transition in Teacher Education in Global Perspective: Rethinking, Redesigning and Revitalizing, 24/02/2018	AIE, Greater Noida, UP	National
83.	Mathematics in curriculum for Jharkhand	Curriculum Development Workshop, 02/10/2018	JCERT and UNICEF, Ranchi, Jharkhand	State
84.	Ease of living index, governance and public life: An exploration	National Seminar on Social Economy of Human Development and Ease of Living in India, 07/10/2018	Andhra University, Andhra Pradesh	National
85.	ET in assessment (2 sessions)	Capacity Building Programme on Educational Assessment for Core Academic Unit, 10/10/2018	SCERT and DU, Delhi	State
86.	Usage of ET in assessment (2 sessions)	Capacity Building Programme on Educational Assessment for Core Academic Unit, 10/10/2018	SCERT and DU, Delhi	State
87.	Impact of social norms on professional life and psychology of teachers: An exploration	5 <sup>th</sup> International Psychological Science Congress, 27/10/2018	NAPS and PU, Chandigarh	International
88.	ICT for teaching, learning and evaluation	Workshop on ICT in Teaching, Learning and Evaluation, 03/11/2018	AIE, Greater Noida, UP	Local
89.	Shaping the idea of green future of school minds	National Seminar on Marching Towards Green Future: Challenges, Innovation and Solution, 22/11/2018	Himgiri Zee University, Dehradun, Uttarakhand	National
90.	Definition and framework for green future in higher education	National Seminar on Marching Towards Green Future: Challenges, Innovation and Solution, 22/11/2018	Himgiri Zee University, Dehradun, Uttarakhand	National
91.	Plagiarism in higher education and academic: Issues, penalties and sustaining in current times	Extension Lecture, 07/02/2019	JMI, New Delhi	University
92.	Basics of academic writing	National Workshop on Academic Papers in Education and Social Sciences, 07/03/2019	Sikkim University, Gangtok, Sikkim	National
93.	Academic writing in practice	National Workshop on Academic Papers in Education and Social Sciences, 07/03/2019	Sikkim University, Gangtok, Sikkim	National
94.	Basics of plagiarism, anti-plagiarism and copyright	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University, Gangtok, Sikkim	National
95.	Practicing anti-plagiarism skills	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University,	National

			Gangtok, Sikkim	
96.	Advanced level of citations	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University, Gangtok, Sikkim	National
97.	Commanding advanced citation skills	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University, Gangtok, Sikkim	National
98.	Plagiarism	National Workshop on Quantitative Research Methods, 12/03/2019	DU, Delhi	National
99.	Anti-plagiarism	National Workshop on Academic Writing and Anti-plagiarism, 15/03/2019	DU, Delhi	National
100.	Citation and referencing as a tool for anti-plagiarism	National Workshop on Academic Writing and Anti-plagiarism, 15/03/2019	DU, Delhi	National
101.	Digital innovation in education: Teaching, learning and professional development	National Conference on Digital Innovation: A Tool for Sustainable Development, 30/03/2019	LLDIMS, New Delhi	National
102.	Academic writing: What and why	National Conference on Academic Writing, 06/04/2019	GCE, Koderma, Jharkhand	National
103.	Anti-plagiarism as an ethical practice in education	National Seminar on Ethical Practices in Education, 06/04/2019	GCE, Koderma, Jharkhand	National
104.	Government jobs, private/NGO jobs and placement	Career Counselling Seminar, 29/05/2019	DU, Delhi	Local
105.	Emerging technologies in education	Faculty Development Programme on Design, Development and Delivery of MOOCs, 25/07/2019	STRIDE, IGNOU, New Delhi	University
106.	Anti-plagiarism in research writing: Sustaining in a competitive age (2 sessions)	National Workshop on Anti-plagiarism in Research, 03/08/2019	Integral University, Lucknow	National
107.	Future of democracy in the Indian classrooms through design thinking (Co-authored)	World Education Research Association 2019: Focal Meeting, 08/08/2019	Gakushuin University, Tokyo, Japan	International
108.	Empowering teachers and educators through education 4.0 (Co-chair)	National Seminar on Teacher Education in India: New Vistas-New Challenges, 19/09/2019	AIE, Greater Noida, UP	National
109.	Anti-plagiarism and citation in education	Orientation-cum-Refresher Course, 20/09/2019	NCERT, New Delhi	National
110.	Academic research writing in education	Orientation-cum-Refresher Course, 21/09/2019	NCERT, New Delhi	National
111.	Technology, teacher education curriculum and 21 <sup>st</sup> century learners: A conundrum	National Seminar on Technology, Teacher Education Curriculum and 21 <sup>st</sup> Century Learners: A Conundrum, 05/10/2019	KCE, Rewari, Haryana	National
112.	Connecting pre-service teachers for co-operative and collaborative learning through a blend of web tools and offline tools	The 2019 Global Education Conference, 20/11/2019	Global Education Conference Network, USA	International

113.	Paper clinic: Academic writing basics	National Workshop on Research Methodology in Social Sciences, 27/11/2019	Sikkim University, Gangtok, Sikkim	National
114.	Paper clinic: Academic writing ethics and legalities	National Workshop on Research Methodology in Social Sciences, 27/11/2019	Sikkim University, Gangtok, Sikkim	National
115.	Paper clinic: Academic writing style and plagiarism	National Workshop on Research Methodology in Social Sciences, 27/11/2019	Sikkim University, Gangtok, Sikkim	National
116.	Paper clinic: Academic writing APA citations and references	National Workshop on Research Methodology in Social Sciences, 28/11/2019	Sikkim University, Gangtok, Sikkim	National
117.	Paper clinic: Academic writing software and techniques	National Workshop on Research Methodology in Social Sciences, 28/11/2019	Sikkim University, Gangtok, Sikkim	National
118.	Anti-plagiarism and ethics	10-Week National Faculty Development Program-cum-Seminar on Anti-plagiarism and Academic Research Writing, 2019-20	DU, Delhi	National
119.	Women, media and technology: A perspective for empowerment	International Conference on Through a New Looking Glass: Challenges for Women in the 21 <sup>st</sup> Century, 10/01/2020	SLC, Delhi	International
120.	ICT in Higher Education: Overcoming the challenges	International Conference on Role of ICT in Higher Education: Trends, Problems and Prospects, 14/02/2020	IITM, Delhi	International
121.	An analytical understanding on teaching-learning with technology in mathematical teaching-learning space	National Seminar on Innovations in Science and Mathematics Education, 15/02/2020	DU, Delhi	National
122.	Enriching higher education with social media	National Seminar on Social Media and Education: Challenges and Opportunities, 19/02/2020	BCMCE, Ludhiana, Punjab	National
123.	Research writing and ethico-legal issues in education	National Conference on Research Writing and Ethico-legal Issues in Education, 29/02/2020	RBSCE, Rewari, Haryana	National
124.	Paper-writing and anti-plagiarism	National Workshop on Paper-writing and Anti-plagiarism, 01/03/2020	RBSCE, Rewari, Haryana	National
125.	English grammar mobile applications as teacher: A participatory quasi-experiment for learning	International Conference on Changing Landscape of Teacher Education, 04/03/2020	JMI, New Delhi	International
126.	Achievement test construction and standardization	National Level Webinar on Research Tool Construction and Data Analysis, 22/07/2020	TNTEU, Chennai, Tamilnadu	National
127.	De-conceptualizing and re-conceptualizing innovative teaching skills	Five Days Online National FDP-cum-Seminar, 29/07/2020	DIMS, Meerut, UP	National
128.	Reading sincerity, important factors and challenges in online	LSME Online International Conference on Role of Management, Education and Social Sciences in Responsible Research and	London School of Management Education, UK	International



	sessions during covid 19 times: An exploration	Innovations: Challenges and Realities, 20/08/2020		
129.	E-tools for assessment and evaluation	One Week Continuous Professional Development Programme, 22/08/2020	DIET, Shimla, HP	State
130.	ICT for pedagogy of mathematics: A teacher as an evaluator	Webinar on Mathematics Education, 20/11/2020	TCP, Madurai, Tamil Nadu	State
131.	Tools for development of innovative ICT material for joyful mathematics teaching	Two Days Workshop on Development of Innovative ICT Materials for Joyful Mathematics Teaching, 17/02/2021	NCMA, Assam	National
132.	Effective ICT Tools for Teaching, Learning and Evaluation	Two Day International Virtual Conference on Shifting Paradigms in the Teaching-Learning Scenario Post-Covid 19, 09/07/2021	DAVCC, Faridabad, Haryana	International

#### Research Projects / Activities

S. No.	Title	Sponsoring Agency	Duration	Role
1.	Professional development and capacity building of teacher educators (Through ICT)	MHRD	2 years	Coordinator
2.	Professional development of researchers and teachers on plagiarism, citation and referencing styles	DU	1 year	Principal Investigator
3.	Faculty development workshop for in-service teachers on ICT for teaching and learning	MHRD	1 year	Coordinator
4.	Developing teaching-learning resources in mathematics	DU	1 year	Principal Investigator
5.	National seminar on academic writing, plagiarism and citations	MHRD	1 year	Coordinator
6.	Development of mathematics resource material for student teachers	MHRD	1 year	Principal Investigator
7.	International conference on ICT for education	MHRD	1 year	Conference Director
8.	Six post-graduate research seminars in education	DU	1 year	Seminar Director
9.	National workshop on academic writing and anti-plagiarism	MHRD	1 year	Workshop Director
10.	Career counselling seminar: What after M.Ed.	DU	1 year	Coordinator
11.	Ten-week national faculty development programme-cum-seminar on anti-plagiarism and academic research writing	MHRD	1 year	FDP-cum-Seminar Director
12.	Cyber-bullying of females at Indian higher education institutes: Exploration of status, issues, challenges and implementation of initiatives	ICSSR	2 years	Co-Project Director

#### Awards and Distinctions

1. First in M.Ed. at DCS, Panjab University, Chandigarh.
2. Eighth in Pune Region of NVS in class X of CBSE exams.
3. ThinkCIQ Aim Award 2016 for Top 100 Awakened and Innovative Mentors of India by the Times of India in 2016
4. Fourth in Course on Sustainable Development in Business by the Open University of Mauritius and COL in 2019.

#### Development of e-Learning Delivery Process / Material

No.	Title of the module (Single / Co-authored)	Details of the agency	Module meant for whom
1.	Data handling (through teleconferencing), Co-presenter	EMPC, IGNOU, New Delhi, 2012	Teachers and students

2.	Mathematics activities for upper primary and secondary classes (set 1), Co-authored with others	DESM, NCERT, New Delhi, 2015	Teachers and students
3.	Mathematics activities for upper primary and secondary classes (set 2), Co-authored with others	DESM, NCERT, New Delhi, 2015	Teachers and students
4.	Technology assisted assessment in classrooms and CCE (under publication), Single	CIET, NCERT, New Delhi, 2016	Teacher educators
5.	Electronic assessment portfolio: Concept, types and e-portfolio tools (under publication), Single	CIET, NCERT, New Delhi, 2016	Teacher educators
6.	Cyber security and continuing professional development in digital learning context (under progress), Single	JMI, New Delhi, 2017	Teachers and teacher educators
7.	Internet as a learning resource in Refresher Course 3 (under progress), Co-authored with others	CIET, NCERT, New Delhi, 2017	Teachers
8.	Technology assisted assessment: Large scale survey and exams, achievement surveys, making sense of big data, Single	CIET, NCERT, New Delhi, 2017	Teacher educators
9.	Online and offline assessment tools: Rubrics, survey tools, puzzle makers, test generators, reflective journal, question bank, Single	CIET, NCERT, New Delhi, 2017	Teacher educators
10.	Assessment tools for ICT in education courses for teachers, Co-authored with others	CIET, NCERT, New Delhi, 2017	Teachers

#### **Association with Professional Bodies**

1. Lifetime Member, IATE.
2. Lifetime Member, AIATE.
3. Lifetime Member, AIAER.
4. Lifetime Member, AMTI.
5. Lifetime Member, AITEA.
6. Lifetime Member, ARPP.
7. Member, Delhi Chapter, ISOC.
8. Member, Advisory Board, International Educational Technology Conference.
9. Member, Editorial Board, The Turkish Online Journal of Educational Technology, Turkey.
10. Member, Advisory Board, AASRC, USA.
11. Member, TICAL Community.
12. Reviewer/Member, Reviewer Board of a number of International Journals.

#### **Other Activities**

1. Executive Editor (till 2007), School Magazine Abhiviyakti, while working at School Level.
2. Member, The Editorial Board (till 2008), RIE (NCERT), Bhopal's Student Magazine Pragya, while working at RIE (NCERT), Bhopal.
3. Member, The Editorial Board (till 2008), RIE (NCERT), Bhopal's Newsletter while working at RIE (NCERT), Bhopal.
4. Key Panellist, Chief Speaker, Resource Person, Session Chair, Organizer and In-charge in several Conclave, Workshops, Seminars, Orientation Workshop and Academic Society.
5. Participant and expert in several Workshops, Training Programmes, In-Service Training Programmes and Certificate Courses to Enrich Work-Skills Including Programs in Mathematics, Computer Programs and Urdu Certificate, etc.
6. Participant in Orientation Course, Refresher Courses, Orientation Workshop and One Week Programme of UGC-ASC of University of Delhi, University of Lucknow, JMI, H.P. University, NUEPA and NCERT.
7. Intel Certified Master Trainer of ICT and Technology in Education.
8. NSS Volunteer for two years.
9. Principal Investigator in a number of Research Projects funded by Research Council, University of Delhi and MHRD, Govt. of India.

**(Signature of Faculty Member)**