



## Faculty Details Proforma for DU Website 2024



Title	Dr.	First Name	VINOD KUMAR	Last Name	KANVARIA	Photograph
<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 WhatsApp Text only)					
<b>Email</b>	vinodpr111@gmail.com (Primary Email ID) vkanvaria@cie.du.ac.in (Secondary Email ID)					
<b>Areas of Interest / Specialization</b>						
1. Educational Technology                      2. Measurement and Evaluation                      3. Mathematics Education & Pedagogy 4. ICT in Education                              5. Academic Writing                                      6. Copyright Issues & IPR 7. Citations    8. Anti-Plagiarism    9. Education (Psychology & Sociology) 10. Sociology						
<b>Awards and Distinctions</b>						
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 National Award 2016 for Top 10 Awakened and Innovative Mentors of India by the Times of India in 2016 4. Fourth in the International Course on Sustainable Development in Business by the Open University of Mauritius and COL in 2019. 5. CIQ SMILE National Award 2021 for Top 10 Super Multiple Intelligences Lead Educators of India by the CIQ in 2021 6. Best Educationist and Researcher Award by the European Institute of Applied Research, Estonia, Europe in 2021						
<b>Educational Qualifications</b>						
Degree/Course	Institution	Year	Details	NET/JRF/Grade		
D.Litt. (hc)	CP University, USA	----	Specializations: Education, ICT, Educational Technology	HC		
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: Psychology, Sociology, Philosophy 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 CTET Qualified Level 1 CTET Qualified Level 2
Class VI – XII	Jawahar Navodaya Vidyalaya (JNV), Jaipur and Jam Nagar	----	Subjects (XII): Physics, Chemistry, Mathematics, Biology	Distinction in X and XII CBSE Exams
Refresher Course in Environmental Studies and Eco-centric Development (IDC)	University of Delhi, Delhi	2024	Subject: Environmental Studies and Eco-centric Development	Successfully Completed
Online Course on AI / ML for Geodata Analysis	ISRO, Govt. of India	2024	Subject: AI & ML	Successfully Completed
Online Training Program on NEP Orientation & Sensitization (MM-TTP)	IIT, Varanasi	2024	Subject: NEP 2020	Successfully Completed
Course on Advanced Cybersecurity Training for Teachers	COL, Canada	2024	Subject: Advanced Cybersecurity for Teachers	Successfully Completed (92.5%)
Course on AI Ethics Principles and Governance	ML, UK	2024	Subject: AI Ethics Principles and Governance	Successfully Completed
Google Cybersecurity Certificate	ML, UK	2024	Subject: Google Cybersecurity	Successfully Completed
Course on AI Tools in 2024	ML, UK	2024	Subject: AI Tools	Successfully Completed
Faculty Development Program on Cyber Security, High-Performance Computing, AI / ML and GenAI	University of Delhi & Amazon Web Services (AWS)	2023	Subject: Cyber Security, HPC, AI / ML, GenAI	Successfully Completed
Course on Elements of AI	University of Helsinki, Finland & MinnaLearn	2023	Subject: Artificial Intelligence	Successfully Completed
Faculty Development Program on Cyber Security	University of Delhi & ICT Academy	2023	Subject: Cyber Security, Ethical Hacking	Successfully Completed
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	Subject: 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 System and Skill Development	University of Delhi, Delhi	2020	Subject: Education and Interdisciplinary Subjects	Grade A+
Course on Media and Information Literacy	National Open University of Nigeria, Nigeria and UNESCO	2019	Subject: 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	Successfully Completed
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	Successfully Completed
Refresher Course in Education	University of Delhi, Delhi	2011	Subject: Education	Successfully Completed
Course on the RTI Act, 2005	CGG, Hyderabad and DoPT, Govt. of India	2010	Subject: RTI Act	Successfully Completed
Course on Web Designing and HTML	University of Delhi, Delhi	2010	Subjects: Web Designing and HTML	Successfully Completed
Course on MS-Excel	University of Delhi, Delhi	2009	Subject: Excel	Successfully Completed
Course on SPSS	University of Delhi, Delhi	2009	Subject: SPSS	Successfully Completed
Urdu Certificate Course	Urdu Academy, Delhi, and University of Delhi, Delhi	2004	Subject: Urdu	Successfully Completed
Master Trainer's Course on Intel Teach to the Future Program	Intel, India	2003	Subject: Computer Applications	Successfully Completed
Course on Computer Concepts and Programming in Elementary BASIC	ICS, New Delhi	1994	Subjects: Computer Concepts and Programming in Elementary BASIC	Successfully Completed

#### Career Profile

Organization / Institution	Designation	Nature	Duration	Role
Department of Education, University of Delhi, Delhi	Associate Professor (Education)	Permanent	Continued Since 2020	Academic and Administrative Cadre
Department of Education, University of Delhi, Delhi	Assistant Professor (Education)	Permanent	About Twelve Years	Academic and Administrative Cadre
Regional Institute of Education (NCERT), Bhopal (M.P.)	Assistant Professor (Mathematics)	Permanent	About Nine Months	Academic and Administrative Cadre
Directorate of Education, GNCT of Delhi, Delhi	TGT (Math)	Permanent	About Five Years	Academic and Administrative Cadre
HG International School, Abu-Road	Math-Cum-Physics Teacher	Permanent	About Six Months	Academic and Administrative Cadre

#### Administrative Assignments

1. Nominee-Member (for Head/Dean, Education, DU), Program Advisory Committee (PAC), SCERT, New Delhi.
2. Convener, 7 Papers for Two Year Semester Mode B.Ed. & M.Ed. Programmes, DU, Delhi.
3. Member, 4 Papers for Two Year Semester Mode B.Ed. Programmes, DU, Delhi.
4. Coordinator, Online Teaching Advisory Committee, DoE, University of Delhi.
5. Member, Departmental Research Committee (DRC), DoE, University of Delhi.
6. Panel Member/Adviser, Interview/Personality Test Board, Union Public Service Commission (UPSC), New Delhi.
7. Panel Member/Adviser, Interview/Personality Test Board, Rajasthan Public Service Commission (RPSC), Ajmer, Rajasthan.
8. National Grand Jury Member, e-Raksha Competition, Cyber-Peace Foundation and NCERT, New Delhi.
9. National Jury Member, VAM, NCERT, New Delhi.
10. National Jury Member, AICEeCC, NCERT, New Delhi.

11. National Jury Member, AICEAVF, NCERT, New Delhi.
12. Interview Board Member for College/University Faculty Members, Selection Board, Universities.
13. Convener & Member, Research Colloquium/Seminar Committee, Faculty of Education, University of Delhi.
14. Member, Faculty of Education, University of Delhi from 2021-2024.
15. In-charge and consultant for six years for AQAR, TIF, SSR, ER, NCTE matters, AISHE, Gurujan portal, NAD of DoE, University of Delhi.
16. Member, Committee of Courses (Professional) in Education, Faculty of Education, University of Delhi.
17. Member, SC/ST/OBC Grievance Redressal Cell, DoE, University of Delhi.
18. Member, Grievance Redressal Committee, University Hostel for Women, University of Delhi.
19. Member, Academic Coordination Committee, DoE, University of Delhi.
20. Coordinator, M.Ed. (2017-20), DoE, University of Delhi.
21. Convener, Departmental Canteen & Photocopy Committee and Member, Departmental Commercial Activities (Canteen and Photocopy) Committee, DoE, University of Delhi.
22. Member, Building Utilization Committee, DoE, University of Delhi.
23. Convener, Annual Report Committee, DoE, University of Delhi.
24. Coordinator, Anti-Ragging-cum-Disciplinary Resource Committee, DoE, University of Delhi.
25. Convener, Departmental Anti-Smoking Committee, DoE, University of Delhi.
26. Nodal Officer, NAAC Committee, DoE, University of Delhi.
27. Coordinator, IQAC, DoE, University of Delhi.
28. Nodal Officer and Convener, B.Ed. Admission Committee - 2014, University of Delhi.
29. Manager, CIE Experimental Basic School (Till January 2016), University of Delhi.
30. In charge, SOCRATES: Society of CIE's Rising Agglomeration of Technologists for Educational System, University of Delhi.
31. Member, Curriculum Committee for Four Year B.Sc., B.Ed. of Barkatullah University (till 2008), Bhopal (M.P.)
32. Member, Committee for Three Year B.Ed., M.Ed. Integrated (2015) program of DoE, University of Delhi.
33. Member, Curriculum Development Committee for Two Year M.Ed. (2015) program of DoE, University of Delhi.
34. Member, Curriculum Development Committee for Two Year B.Ed. (2015) program of DoE, University of Delhi.
35. Member, Curriculum Committee for Two Year B.Ed. (2008) of the University of Delhi.
36. Member, M.Phil. (Education) Committee (Till 2021), University of Delhi.
37. Coordinator, Aalok (Publication) (Till 2010), DoE, University of Delhi.
38. Coordinator, Placement Cell (Till July 2016), DoE, University of Delhi.
39. Convener, Website Management Committee, DoE, University of Delhi.
40. Coordinator, Workshop on Faculty Development of Teachers in ICT, DoE, University of Delhi.
41. Coordinator, Workshop on Professional Development and Capacity Building of Teacher Educators, DoE, University of Delhi.
42. Coordinator, Workshop on OER and ETL, DoE, University of Delhi.
43. Joint Convener, Annual Report Committee-2012, 2014, DoE, University of Delhi.
44. Joint Coordinator, Workshop for DoE, DU, Rhythms of The Riverbanks, TERI University, New Delhi.
45. Resource Person in Several In-service Training Programmes, Capacity Building Programmes, Seminars, Conferences and Workshops for Teachers, Teacher Educators, Lecturers, Senior Lecturers and Principals.
46. Guidance for UGC-NET in Education to M.Ed. Students.
47. 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.
48. Convener and Member of Interview Boards for University Admission Interviews.
49. Center Observer in CBSE Examinations.
50. Center Observer in University School of Open Learning Examinations.
51. Center Observer in University Admission Examinations.
52. Judge in Academic Events of Jawahar Navodaya Vidyalaya, Amity Schools, and Delhi Public Schools.
53. Convener, Media Coverage Committee, DoE, University of Delhi.

**Dissertation / Theses Guided / Degree Submitted / Awarded**

1. Effectiveness of AI-Driven Personalized Learning Software for Enhancing Student Performance, Shruti Tomar, 2024
2. Effect of Artificial Intelligence-Based Autodraw Webtool on Mathematics Achievement: An Experimental Study at middle Level, Michael Tarance Suraj, 2023
3. Impact of Virtual Reality-Based Virtual Lab from DIKSHA Portal on Fractions: An Experimental Study at Middle Level, Shubhkamna, 2023
4. Samajik Vigyan mein Sanvardhit Vastavikta Aadharit Unit AR Application ka Labdhi par Prabhav: Madhya Star par Ek Prayogatmak Adhyayan, Rohit Kumar, 2023

5. Applying Mobile Based Augmented Reality for Advanced Spatial Visualisation of 3D Geometry among Middle Level Learners: A Study, Archana Yadav, 2023
6. Efficacy of Augmented Reality Based Applications in Educational Framework: An Experimental Study, Monika, 2023
7. Cyberbullying in Higher Education in India: A Study of Awareness and Influencing Factors, Shweta, 2022
8. The Challenging Life of Visually Challenged: A Survey of Hope, Navneet Chauhan, 2021
9. Learning English Grammar through VLE Android Apps: A Quasi-Experimental Study, Vaishali Dubey, 2020
10. DIKSHA App and Instructional Strategies Applied by Teachers: An Exploratory Study, Mansi Popli, 2020
11. Mathematical Errors and Innovative Instructional Strategies: An Instrumental Exploratory Case Study, Varish, 2019
12. Integration of ICT in New Two-Year B.Ed. Programme: A Convergent Parallel Study, Bharti Nagpal, 2018
13. Lacunae in Integrating ICT in Teaching and Learning: A Descriptive Study, Nishi Gupta, 2018
14. Reservation in Higher Education: A Critical Study, Payal, 2018
15. Scholastic Impact of Inductive Method in Teaching of Mathematics at Elementary Level: An Exploratory Study, Dissertation, Amarjeet Kaur, 2016
16. Sociological Impact of Physical Manipulatives in Mathematics at Primary Stage: An Experimental Study, Geetanjali, 2016
17. Perceptions of Students About Cyber Bullying: An Exploratory Study, Surabhi Negi, 2015
18. Peer Collaboration in the Classroom: A Study, Vandana Rawat, 2015
19. The Impact of Digital Revolution on Teaching and Learning, Vivek Chaudhary, 2014
20. Satat Evam Vyapak Moolyankan Ke Sandarbh Me Prathmik Shikshakon Ka Drishtikon: Ek Adhyayan, Shujauddin, 2013
21. Open Educational Resources in Pre-Service Teaching: A Participatory Action Research, Gaurav Sharma, 2012
22. Nishulk Aur Anivaarya Baal Shiksha Ka Adhikar: Anusoochit Jaati / Anusoochit Janjaati Ke Pariprekshya Me, Akhilesh Kumar Kanaujia, 2012
23. Shiksha Ka Adhikar Adhinyam 2009: Aurangabad Me Shikshakon Ki Abhivritti Evam Gram Panchayat Ki Bhoomika, Sikandar Sao, 2012
24. Analysis of Teacher Orientation Programmes Organized by CIET NCERT through EDUSAT Network, Dipti Sharma, 2010
25. An Analytical Study of the Views of Delhi Government School Academic Teachers About the INSET Programmes, Jitender Kumar Sharma, 2009

#### **Subjects Taught**

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

#### **Publications Profile**

##### **Papers / Articles in Journals**

<b>S. No.</b>	<b>Title of the research paper (Year, Single/Co-authored)</b>	<b>Name of the Journal and ISSN</b>	<b>Vol. (Issue) and page no.</b>
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/praroorop, 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 drishtipaati 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 Edmodo doing 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 swaroorop aur prabhaav, 2017, Single	Paripekshya, 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.	International conference on ICT for education: Glimpse and highlights (Special Report), 2018, Single	Asian Journal of Distance Education, 13479008 (PR)	13(1), 152-174
40.	Digital assessment practices in teacher education: Showcasing the digital plagiarism-check, 2019, Single	National Journal of Education, 09729569 (UA)	14(1), 48-59
41.	Vidyalayi shikshak chayan: Kitna tarkik kitna sangat, 2019, Single	Research Reinforcement: A Peer Reviewed International Refereed Journal, 23483857 (UA)	6(2), 1-5
42.	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
43.	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
44.	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
45.	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
46.	DIKSHA, NISHTHA and CPD: Experiences and perceptions of school learning-facilitators, 2022, Co-authored with V. Dubey	Indian Journal of Educational Technology, 25818325 (UC)	4(2), 144-151
47.	Using an innovative assessment tool to assess information literacy among secondary school students, 2022, Co-authored with A. Yadav	----	Under Process
48.	Covid kaal ke daruan shikshak prashikshuon ke online adhigam ka vishleshan: Uttar Pradesh ke sandarbh me sarvekshan shodh, 2022, Co-authored with A. Singh	Bharatiya Shiksha Shodh Patrika, 09707603 (UC)	41(1), 173-183

49.	Exploring the effect of anonymity in cyberbullying of females in higher education institutions of India, 2023, Co-authored with M. Ingole & H.K. Mandal	Indian Journal of Educational Technology, 25818325 (UC)	5(1), 98-111
50.	Technology for strengthening the anti-plagiarism measures and penalties for plagiarism, 2023, Co-authored with M.T. Suraj	Shodh Disha, 0975735X (UC)	61, 356-361
51.	Revolutionizing education in India through digital initiatives: Trends and future possibilities, 2023, Co-authored with A. Yadav	European Chemical Bulletin, 20635346 (UC - Scopus)	12(6), 674-680
52.	Impact of DIKSHA course module on teacher's knowledge, 2023, Co-authored with Shubhkamna	Education and Society, 22786864 (UC)	46 II(3), 24-37
53.	Embodied learning experiences for preparatory level learners: Researching the efficiency of technology, 2023, Co-authored with A. Yadav	Shodhak: A Journal of Historical Research, 03029832 (UC)	53(2), 1-9
54.	Promoting equity in education: Analyzing the influence of technology-integrated faculty development on inclusive teaching practice, 2023, Co-authored with Monika	The Research Dialogue, 2583438X (PR)	2(2), 396-404
55.	Evaluating online and blended learning environments: A review of assessment strategies and tools, 2023, Co-authored with A. Yadav	International Journal of Research and Analytical Reviews, 23495138 (PR)	10(3), 544-557
56.	Enhancing science education through immersive virtual field trips: Evaluating the effectiveness of knowledge acquisition and student engagement, 2023, Co-authored with Monika	MITE Journal on Education, 25821763 (PR)	5(1), 23-26
57.	Bharatiya gyan parampara evam shaikshik takniki ka prabhav, 2023, Co-authored with S. Kumar	Printing Area: International Research Journal, 23945303 (UA)	3(106), 135-137
58.	Impact of online learning on teachers: An exploratory study, 2023, Co-authored with M.T. Suraj	Indian Journal of Open Learning, 09712690 (UC)	32(2), 193-202
59.	Learning through visualizing solids with the Arloon geometry application: A quantitative study, 2023, Co-authored with A. Yadav	Journal of Indian Education, 03770435 (UC)	49(3)
60.	PRASHAST: An early intervention for inclusive education - a multi-dimensional analysis of academic and emotional outcomes, 2023, Co-authored with Monika	Journal of Research in Education, 25822357 (PR)	11(2), 9-18
61.	Exploring the effectiveness of digital portfolios as authentic assessment tools for elementary STEM education, 2023, Co-authored with A. Yadav	RIE Bhopal Journal of Education, 25820621 (PR)	6(II), 19-26
62.	Exploring the impact of AI on middle school mathematics achievement, 2024, Co-authored with M.T. Suraj	National Journal of Education, 09729569 (UC)	Jan, 2024
63.	Shaikshik takniki ke maadhyam se maanvadhikaron ki jankari par padne wale prabhaav, 2024, Co-authored with S. Kumar	Sanshodhak, 23945990 (UC)	91(1), 208-211
64.	The role of AI in mathematics education: Assessing the effects of an 'auto draw' webtool on middle-level achievement, 2024, Co-authored with M.T. Suraj	The Online Journal of Distance Education and E-learning, 21476454 (PR)	12(1), 49-55
65.	Integrating and innovating: The role of ICT in education's evolution - An in-depth analysis of emerging technologies, current trends, challenges, and future directions in the digital age, 2024, Co-authored with A. Yadav	International Journal for Multidimensional Research Perspective, 25840029 (PR)	2(2), 33-48
66.	Pedagogical innovation: Evaluating entrepreneurship initiatives in government school settings, 2024, Co-authored with Monika	The Academic: International Journal of Multidisciplinary Research, 2583973X (PR)	2(2), 60-72
67.	Impact of computer simulation in the biology classroom, 2024, Co-authored with Gunjan	The Online Journal of Distance Education and e-Learning, 21476454 (PR)	12(2), 75-83



68.	Prathmik star ke vidyarthiyon aur shikshakon ke liye artificial intelligence: sambhaavnayen evam chunautiyan, 2024, Single	Prathmik Shikshak, 0970-9312 (UC)	April, 2024
69.	Educational paradigms; Trends and challenges in modern education, 2024, Co-authored with A. Yadav	IPE Journal of Management, 2249-9040 (UC)	14(24), 110-119
70.	Exploring the integration of artificial intelligence in lesson planning for pre-service teachers, 2024, Co-authored with Ritika	IJET (NCERT), 25818325 (UC)	6(2), 340-345
71.	Artificial intelligence in the classroom: Experimental research on innovative approaches to mathematics instruction, 2024, Co-authored with A. Yadav	Revista Electronica de Veterinaria, 16957504 (Scopus)	25(1), 708-716
72.	Enhancing mathematical understanding through augmented reality and virtual reality: An experimental investigation into educational benefits, 2024, Co-authored with A. Yadav	Journal of Electrical Systems, 11125209 (Scopus)	20(3), 01-07
73.	The role of technology in enhancing learning outcomes in B schools of India, 2024, Co-authored with M.T. Suraj	MET Management Review, 23944013 (PR)	11(02), 31-38
74.	Exploring the impact of pedagogical approaches with ICT on student learning outcomes in teacher training programs, Co-authored with Ritika	Mizoram University Journal of Humanities and Social Sciences, 25816780 (PR)	X(1), 160-165

### Books / Chapter in Books

No.	Title of the Book / Chapter (Single/Co-authored)	Publisher with address, Year	ISBN / ASIN
<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, Co-authored with others	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
11.	Augmented reality and virtual reality, Co-authored with A. Yadav & Monika	Archers and Elevators Publishing House, Bangalore, 2023	9789394058487
12.	Recent trends, techniques and technology in modern education system, Co-authored with A. Yadav	Scientific International Publishing House, Tamil Nadu, 2023	9789357578950
13.	A handbook on research methodology in education, Co-authored with P. S. Ahluwalia & A. Yadav	Siddhanta International Publication, New Delhi, 2024	9788119536542
<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 E. Railean, G. Walker & L. Jackson (Eds.) Handbook of research on applied learning theory and design in modern education (772-785), 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
6.	Education and HR management in the age of artificial intelligence: An overview of available tools. In S. Lodha, N. Joshi & S. Gaikwad (Eds.) Emerging technologies in business management (220-229), Co-authored with M. T. Suraj	Bloomsbury Publishing, New Delhi, 2023	9789356404717
7.	Shiksha ko badalne mein ICT upkaranon ki Bhoomika. In A. K. Dubey & B. Singh (Eds.) Shaikshik navachar ke pariprekshya mein soochna evam sampreshan takniki (71-80), Co-authored with R. Kumar	Tribhuvan University, Kathmandu, Nepal, 2023	9789937147903
8.	Empowering students with disabilities through artificial intelligence in higher education. In R. Sarkar & S. K. Baskey (Eds.) A handbook on academic accommodation for students with disabilities in higher education (109-120), Co-authored with M. T. Suraj	Redshine Publication, Stockholm, Sweden, 2024	9789198924060
<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	Saad Publications, Delhi, 2017	9789380633336

	capacity building. In S.K. Panda (Ed.) Preparing humane teacher for diverse society (201-233), Single		
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
38.	A critical analysis of data privacy and issues in contemporary Indo-European context. In S. Sharma (Ed.) Institutions, practice and digital transformation in India and Europe (63-74), Co-authored with Priyamvada	Associated Publishing House, Agra, 2022	9789381778210
39.	Instruction through flipped classroom approach and learning outcomes: An experimental study. In N. Zahoor, J. Ahmad & A. Khan (Eds.) Outcome based curriculum and pedagogy (19-26), Co-authored with Priyamvada	VLMS (JMI), New Delhi, 2022	9789391308506
40.	Digital learning and teaching: An innovative strategy for quality learning. In B. N. Panda (Ed.) Digital learning: An innovative strategy for quality learning, Single	RIE (NCERT), Bhubaneswar	Under Press
41.	Augmented reality: Prospects for environmental science education. In C.Y. Patil, N.V. Mahale & S.M. Ingole (Eds.) Recent trends in humanities, social sciences, sciences and commerce, vol 1 (65-67), Co-authored with A. Yadav	Jyotikiran Publication, Pune, 2023	9789394819269
42.	Moving towards education for sustainable development 2030: Issues and trends in India. In M. Maheshwari,	Renova International Publications, Delhi, 2023	9789393873651

	A.K. Gupta, A. Kumar & P. Gaur (Eds.) India's diamond era: Moving towards sustainable and inclusive growth (48-57), Co-authored with A. Yadav		
43.	Revitalizing elementary education in India: An examination of the national education policy 2020. In B. Agarwal, S. Singhal & N. Maurya (Eds.) National seminar proceedings of vision of free India: A transforming role of NEP 2020 (98-101), Co-authored with A. Yadav	KCC ILHE, Greater Noida, UP, 2023	9789394795082
44.	Assessing the engagement of primary learners with the math kids application: A digital learning exploration. In S. Murthy, M. Chang, R.K. Rajendran, S. Mishra & A. Lingnau (Eds.) Proceedings of international conference on technology 4 education (372-375), Co-authored with A. Yadav	IIT Bombay, Maharashtra & IEEE Computer Society, 2023	9798350382280
45.	Personalized learning through artificial intelligence. In B.R. Bhadawar, M. Shukla, V.K. Singh & N. Yadav (Eds.) Artificial intelligence: A new era of change in education vol. 2 (36-49), Co-authored with S. Tomar	Rachanakaar Publishing House, Delhi, 2023	9789391791735
46.	Rashtriya shiksha neeti 2020 evam shaikshik takniki: Shiksha ke paripekshya mein chunautiyan. In P.C. Naga Subramani, S.M. Ghosh & S.R. Sarkar (Eds.) Confluence of ideas: Exploring multidisciplinary research (103-105). Co-authored with S. Kumar	Dhar Brothers, West Bengal, 2023	9789359968452
47.	Innovative alliances: A study of public-private partnerships in Indian higher education. In S.R. Sarkar & S. Tahura (Eds.) Eduquest: Navigating the landscape of educational research (47-56). Co-authored with A. Yadav	Dhar Brothers, West Bengal, 2023	9789359878256
48.	Samaan nagarik samhita evam shaikshik takniki: Mudde evam chunautiyan. In Samaan nagarik samhita: Sambhavnayen evam chunautiyan (155-162), Co-authored with S. Kumar	Nalanda Prakashan, Delhi, 2024	9788196573362
49.	Technological inclusion through National Education Policy 2020 in North East India: Prospects and challenges. In V. Singh & S. Prakash (Eds.) Education, culture and society: Perspectives of North East India, (63-71), Co-authored with Priyamvada	Shree Publishers & Distributors, New Delhi, 2024	9788119448258
50.	Paradigm shifts in education technology: A review of literature. In M. Maheshwari, A. K. Gupta, S. Goyal & N. Tiwari (Eds.) New Bharat in amrit kaal: Achieving equity through inclusion, innovation and sustainability (76-90), Single	Adwell Book Company, Delhi, 2024	9788195758135

**Conference/Seminar/Workshop/Programme 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: Politics in higher education	National Seminar on Multi-dimensional Aspects of Human Rights in the Era of Globalization: Theory and Practice, 19/01/2011	NMLPGC, Hanuman Garh Town, Rajasthan	National
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 comprehensive social development	National Conference on Samarthyam, 01/03/2012	LLDIMS, New Delhi	National
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	B TTC, 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 (15 Sessions)	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	FDRS, 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.	ICT tools for teaching and learning	Orientation Program in ICT for Lecturers of Science Stream, 09/06/2016	SCERT, Solan, HP	State
62.	OER for teaching and learning	Orientation Program in ICT for Lecturers of Science Stream, 10/06/2016	SCERT, Solan, HP	State
63.	Academic writing: A continuum from note-making to dissertation development	Research Colloquium / Seminar, 07/09/2016	DU, Delhi	University
64.	ICT tools and OER for teaching and learning	Orientation Program in ICT for Lecturers of Humanities Stream, 16/09/2016	SCERT, Solan, HP	State
65.	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
66.	Teacher education in India: Peeping into misconceptions about educational technology among pre-service teachers and pre-service teacher educators	International Conference on Teacher Education: Challenges, Opportunities and Strategies, 07/12/2016	JMI, New Delhi	International
67.	Writing a journal article: Let us get published	Research Colloquium / Seminar, 25/01/2017	DU, Delhi	University
68.	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
69.	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
70.	Vidyalayi shikshak chayan: Maanakta ek dhandwa	International Seminar on Dialectics of Education: Comparative and International Perspectives, 18/02/2017	DU, Delhi	International
71.	ABC of academic writing: A master key for the beginners	National Seminar on Academic Writing, Plagiarism and Citation, 25/02/2017	DU, Delhi	National
72.	Challenges of assessment practices in pre-service teacher education in	National Conference on Teacher Education: Current Scenarios and Future Possibilities, 10/03/2017	DU, Delhi	National

	digital age: Does digital plagiarism-check help?			
73.	Plagiarism, citation and referencing: Issues and challenges	Extension Lecture, 20/03/2017	JMI, New Delhi	University
74.	Plagiarism, citation and referencing: Conceptions and misconceptions	Extension Lecture, 22/03/2017	JMI, New Delhi	University
75.	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
76.	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
77.	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
78.	Exploring the nitty-gritty of writing a research paper	Faculty Development Programme for Teacher Educators, 05/08/2017	GRDCE, Delhi	State
79.	Digitization of teaching-learning process	International Conference on Role of Digitalization in Sustainable Development: A Global Perspective, 16/09/2017	MDU, Rohtak, Haryana	International
80.	Perceiving ICT in science education through facilitators' eyes	National Seminar on Science Education, 22/11/2017	RIE, Ajmer, Rajasthan	National
81.	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
82.	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
83.	ICT for evaluation in higher education and professional development	International Conference on ICT for Education, 27/01/2018	DU, Delhi	International
84.	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
85.	Mathematics in curriculum for Jharkhand	Curriculum Development Workshop, 02/10/2018	JCERT and UNICEF, Ranchi, Jharkhand	State
86.	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
87.	ET in assessment (2 Sessions)	Capacity Building Programme on Educational Assessment for Core Academic Unit, 10/10/2018	SCERT and DU, Delhi	State
88.	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

89.	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
90.	ICT for teaching, learning and evaluation	Workshop on ICT in Teaching, Learning and Evaluation, 03/11/2018	AIE, Greater Noida, UP	Local
91.	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
92.	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
93.	Plagiarism in higher education and academic: Issues, penalties and sustaining in current times	Extension Lecture, 07/02/2019	JMI, New Delhi	University
94.	Basics of academic writing	National Workshop on Academic Papers in Education and Social Sciences, 07/03/2019	Sikkim University, Gangtok, Sikkim	National
95.	Academic writing in practice	National Workshop on Academic Papers in Education and Social Sciences, 07/03/2019	Sikkim University, Gangtok, Sikkim	National
96.	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
97.	Practicing anti-plagiarism skills	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University, Gangtok, Sikkim	National
98.	Advanced level of citations	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University, Gangtok, Sikkim	National
99.	Commanding advanced citation skills	National Workshop on Academic Papers in Education and Social Sciences, 08/03/2019	Sikkim University, Gangtok, Sikkim	National
100.	Plagiarism	National Workshop on Quantitative Research Methods, 12/03/2019	DU, Delhi	National
101.	Anti-plagiarism	National Workshop on Academic Writing and Anti-plagiarism, 15/03/2019	DU, Delhi	National
102.	Citation and referencing as a tool for anti-plagiarism	National Workshop on Academic Writing and Anti-plagiarism, 15/03/2019	DU, Delhi	National
103.	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
104.	Academic writing: What and why?	National Conference on Academic Writing, 06/04/2019	GCE, Koderma, Jharkhand	National
105.	Anti-plagiarism as an ethical practice in education	National Seminar on Ethical Practices in Education, 06/04/2019	GCE, Koderma, Jharkhand	National

106.	Government jobs, private/NGO jobs and placement	Career Counselling Seminar, 29/05/2019	DU, Delhi	Local
107.	Emerging technologies in education	Faculty Development Programme on Design, Development and Delivery of MOOCs, 25/07/2019	STRIDE, IGNOU, New Delhi	University
108.	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
109.	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
110.	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
111.	Anti-plagiarism and citation in education	Orientation-cum-Refresher Course, 20/09/2019	NCERT, New Delhi	National
112.	Academic research writing in education	Orientation-cum-Refresher Course, 21/09/2019	NCERT, New Delhi	National
113.	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
114.	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
115.	Paper clinic: Academic writing basics	National Workshop on Research Methodology in Social Sciences, 27/11/2019	Sikkim University, Gangtok, Sikkim	National
116.	Paper clinic: Academic writing ethics and legalities	National Workshop on Research Methodology in Social Sciences, 27/11/2019	Sikkim University, Gangtok, Sikkim	National
117.	Paper clinic: Academic writing style and plagiarism	National Workshop on Research Methodology in Social Sciences, 27/11/2019	Sikkim University, Gangtok, Sikkim	National
118.	Paper clinic: Academic writing APA citations and references	National Workshop on Research Methodology in Social Sciences, 28/11/2019	Sikkim University, Gangtok, Sikkim	National
119.	Paper clinic: Academic writing software and techniques	National Workshop on Research Methodology in Social Sciences, 28/11/2019	Sikkim University, Gangtok, Sikkim	National
120.	Anti-plagiarism and ethics	10-Week National Faculty Development Program-cum-Seminar on Anti-plagiarism and Academic Research Writing, 2019-20	DU, Delhi	National
121.	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

122.	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
123.	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
124.	Enriching higher education with social media	National Seminar on Social Media and Education: Challenges and Opportunities, 19/02/2020	BCMCE, Ludhiana, Punjab	National
125.	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
126.	Paper-writing and anti-plagiarism	National Workshop on Paper-writing and Anti-plagiarism, 01/03/2020	RBSCE, Rewari, Haryana	National
127.	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
128.	Achievement test construction and standardization	National Level Webinar on Research Tool Construction and Data Analysis, 22/07/2020	TNTEU, Chennai, Tamilnadu	National
129.	De-conceptualizing and re-conceptualizing innovative teaching skills	Five Days Online National FDP-cum-Seminar, 29/07/2020	DIMS, Meerut, UP	National
130.	Reading sincerity, important factors and challenges in online sessions during covid 19 times: An exploration	LSME Online International Conference on Role of Management, Education and Social Sciences in Responsible Research and Innovations: Challenges and Realities, 20/08/2020	London School of Management Education, UK	International
131.	E-tools for assessment and evaluation	One Week Continuous Professional Development Programme, 22/08/2020	DIET, Shimla, HP	State
132.	ICT for pedagogy of mathematics: A teacher as an evaluator	Webinar on Mathematics Education, 20/11/2020	TCP, Madurai, Tamil Nadu	State
133.	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
134.	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
135.	Writing citations and references in educational research documents	Two Day National Conference on Research: Writing Review and Citations, 01/10/2021	SGC, Burtuk, Sikkim	National
136.	Teaching skills: Reinforcement and stimulus variation	International FDP on Teaching Efficacy, 23/02/2022	St. Joseph University, Nagaland & SM	International
137.	NISHTHA through DIKSHA for CPD of teachers: A study of technology integration experiences	National Conference on NEP 2020: Towards Transforming Teacher Education, 25/02/2022	RIE (NCERT), Bhubaneswar, Odisha	National

138.	NEP 2020: Professional development of teachers and teacher educators	National Seminar on NEP 2020: Professional Development of Teachers and Teacher Educators, Transformation in Indian Education System, 26/03/2022	KCE, Haryana & MGNCRE	National
139.	A critical analysis of data privacy and issues in contemporary Indo-European context	International Conference on Socio-economic and Digital Transformation in Contemporary India and Europe, 22/04/2022	JNU, New Delhi	International
140.	Flipped classroom approach in teaching of biology: A study on learning outcomes at senior secondary stage	Jamia International Conference on Education (JICE-2022): Outcome Based Curriculum and Pedagogical Demands in the Post COVID Era, 07/05/2022	JMI, New Delhi	International
141.	MOOCs, higher education and NEP 2020	One Week Workshop on NEP 2020, 07/06/2022	IGU, Haryana	University
142.	ICT teaching tools	INSET Programme in ICT for Humanities Lecturers, 16/06/2022	SCERT, Solan, HP	State
143.	Cyber safety and security and creative commons licensing	INSET Programme in ICT for Humanities Lecturers, 17/06/2022	SCERT, Solan, HP	State
144.	Use of ICT for teaching of mathematics	Training Programme for Mathematics Lecturers, 17/09/2022	SCERT, Solan, HP	State
145.	Technological inclusion through NEP 2020 in North-East India: Prospects and challenges	National Seminar on Education: Affirmative Action and Inclusion in North-East India, 22/09/2022	ICSSR & RGU, Arunachal Pradesh	National
146.	Significance of data mining for research in blended mode	Short Term Capacity Building Programme: Data Mining for Research, 27/09/2022	STRIDE, IGNOU, New Delhi	University
147.	Effectiveness and laxness of digitalization in rural India in the current scenario: A scenario	National Seminar on E-governance and Delivery of Public Services in India: Emerging Issues, Challenges and Way Forward, 03/12/2022	ICSSR & UPRTOU, Prayagraj, UP	National
148.	Plagiarism: Types and penalties under different levels	National Seminar on Academic Writing: Emerging Trends in Research, 12/02/2023	Vardhaman College, Bijnor & DoHE, U.P.	National
149.	Designing efficient learning environment for sustainable development education	National Seminar on India's Diamond Era: Moving towards Sustainable and Inclusive Growth, 22/02/2023	IAA & VMOU, Kota, Rajasthan	National
150.	Teacher as a reflective practitioner: Theory and practices	National Seminar on Innovation, Quality and Excellence in Teacher Education, 28/02/2023	ICSSR & UoH, Hyderabad, AP	National
151.	Technological innovations for inclusive education: NEP 2020	National Seminar on Challenges and Opportunities in Current Educational Trends in Context of NEP 2020, 02/03/2023	IIMT, Greater Noida, UP	National
152.	Research and publication ethics: Concerns and queries	Faculty Development Program on Development of Research Skills, 06/03/2023	SCERT & DoE, DU, Delhi	State
153.	Acharya Vinoba Bhave ka bhartiya samaj mein prerna dayak ke roop mein shaikshik chintan	National Seminar on Relevance of Acharya Vinoba Bhave's Philosophy in Modern Indian Society, 11/03/2023	CLM, Haridwar, Uttarakhand	National
154.	Digital and online education: Government initiatives for digitization of education	International Conference on Inclusion & Sustainability: Building Self-reliant India, 13/03/2023	ICSSR & UPRTOU, Prayagraj, UP	International

155.	Emerging public private partnerships in higher education in India	National Seminar on Innovation in Higher Education through Public Private Partnership Model, 14/03/2023	CIC, DU, Delhi	National
156.	Maulik lekhan aur prakashan: Kalaa, kaushal, vidhi aur takniki aayamon ka samaagam	National Workshop on Academic Writing in Indian Languages, 16/03/2023	MoE, Govt of India and DoE, DU, Delhi	National
157.	E-content development for social sciences: Ethical and legal issues	UGC sponsored Refresher Course in E-Content development and online pedagogy in Social Science, 18/03/2023	UGC-HRDC, University of Calicut, Kerala	National
158.	Using software and AI tools for e-content development: Let us create the content	UGC sponsored Refresher Course in E- Content development and online pedagogy in Social Science, 18/03/2023	UGC-HRDC, University of Calicut, Kerala	National
159.	Augmented reality: Prospects for environmental science education	Two Day Interdisciplinary International E-Conference on Recent Trends in Humanities, Social Sciences, Sciences and Commerce, 21/03/2023	ACS College, Onde, Maharashtra	International
160.	Shiksha ko badalne mein ICT upkarnon ki Bhoomika	International Conference on Role of Education, Literature, Culture and Society in the Global Scenario, 04/04/2023	Tribhuvan University, Kathmandu, Nepal & SRSTCE, Bihar	International
161.	Gender parity for quality education: Analysing progress of sustainable development goals	National Conference on Reimagining and Resilience: A Transcend Societal Barrier for Envisioning Gender Equality in Global Era, 11/04/2023	KC Law College, Mumbai, Maharashtra	National
162.	Identification of AI tools for management studies with respect to human resource	International Research Conference on Emerging Technologies in Business Management, 28/04/2023	MET IoM & University of Mumbai, Mumbai, Maharashtra	International
163.	Digital India initiatives: Unleashing the possibilities and trends in education	International Research Conference: Vishleshan 2023, 29/04/2023	VIMR & University of Mumbai, Maharashtra	International
164.	Exploring online safety and citizenship among Indian students: Evaluating digital citizenship week	International Conference on Multidisciplinary Research, 14/05/2023	DDDEC, West Bengal	International
165.	Promoting quality teacher education: Exploring the role of technology in teaching and learning	National Seminar on Quality Concerns in Teacher Education, 23/05/2023	PCE, Punjab	National
166.	Revitalizing elementary education in India: An examination of the NEP 2020	National Seminar on Vision of Free India: A Transforming Role of NEP 2020, 27/05/2023	KCCILHE, U.P.	National
167.	Immersive technology for primary school education: A comprehensive study on its efficacy and impact on student engagement and achievement	International Multidisciplinary Conference on Contemporary Trends and Developments in Management, Education, Science and Social Sciences, 03/06/2023	ICERT, DT University, Ethiopia, NIILM University, Haryana & PGDAVC, New Delhi	International

168.	Exploring the effectiveness of digital portfolios as authentic assessment tools of elementary STEM education	Regional Conference on STEM Education, 10/06/2023	RIE (NCERT), Bhopal, M.P.	Regional
169.	Learning mathematics utilizing mobile-based augmented reality: Insights from elementary classrooms	International Conference on Recent Challenges in Engineering and Technology, 17/06/2023	IFERP & University of NUS, Indonesia	International
170.	Using artificial intelligence tools for academic writing	Orientation Programme for Teachers and Teacher Educators, 27/06/2023	SMRSBEME, Kalaburagi, Karnataka	Local
171.	Exploring the efficacy of virtual labs in fostering practical skills: An experimental study	National Conference on Advancing the Science of Learning: Insights, Innovations and Applications, 21/07/2023	SJCE, Mettur, Tamil Nadu	National
172.	Academic writing and artificial intelligence tools	Faculty Induction Program for University/College Teachers, 31/07/2023	UGC-HRDC, MANUU, Hyderabad, AP	National
173.	Academic writing beyond the language barriers	Faculty Induction Program for University/College Teachers, 31/07/2023	UGC-HRDC, MANUU, Hyderabad, AP	National
174.	Revolutionizing education: Analysing the efficacy of e-pathshala in enhancing academic performance	National Seminar on Distance and Online Education in the Context of NEP 2020, 06/08/2023	Kurukshetra University, Kurukshetra, Haryana	National
175.	Lost legacies: Examining reasons for Indian women's underrepresentation in history of India's freedom struggle	National Seminar on Women in India's Freedom Movement: Exploring their visibility and invisibility, 09/08/2023	CSSEIP, Jamia Millia Islamia, New Delhi	National
176.	Enhancing science education through immersive virtual field trips: Evaluating the effectiveness of knowledge acquisition and student engagement	National Seminar on Innovations in Future Education System: India 2.0, 11/08/2023	MITE, Kohima, Nagaland	National
177.	Bharatiya shiksha sansthanon mein shaikshik takniki evam rahstriya shiksha neeti (NEP) 2020	National Seminar on India @ 75: Issues, Challenges and Opportunities, 27/08/2023	University of Allahabad, Prayagraj	National
178.	Samaan nagarik sanhita evam shaikshik takniki: Mudde aur chunautiyan	One Day National Conference on Uniform Civil Code: Discussion on Constitutional Effort Towards Egalitarian Society, 02/09/2023	CLLC, Haridwar, Uttarakhand	National
179.	Beyond traditional methods: Exploring innovative pedagogies as catalysts for teacher skill advancement	One Day National Seminar on Transformative Teaching: Navigating the Pedagogical Landscape under NEP 2020, 05/09/2023	Central University of Kashmir, J & K	National
180.	Revolutionizing Indian higher education: Exploring new frontiers in public-private collaboration	International Conference on Multidisciplinary Research 2.0, 10/09/2023	TNTEU, Tamil Nadu & DDDEC, Dinajpur, West Bengal	International



181.	Rashtriya shiksha neeti (NEP) 2020 evam shaikshik takniki: Shiksha ke pariprekshya mein chunautiyan	International Conference on Multidisciplinary Research 2.0, 10/09/2023	TNTEU, Tamil Nadu & DDDEC, Dinajpur, West Bengal	International
182.	Being at an RC: Expectations and nitty-gritty of presentation techniques	Research Colloquium / Seminar, 20/09/2023	DU, Delhi	University
183.	E-content development for social sciences: Ethical and legal issues	Faculty Induction Programme (Guru Dakshta) for University/College Teachers, 23/09/2023	UGC-HRDC, University of Calicut, Kerala	National
184.	Using software and AI tools for e-content development: Let us create the content	Faculty Induction Programme (Guru Dakshta) for University/College Teachers, 23/09/2023	UGC-HRDC, University of Calicut, Kerala	National
185.	Adaptive learning technologies and personalized educational framework: a pathway to 21st century skill development	Students' Two-Day International Virtual Conference Education on Sustainability and National Policies: Strategies, Bandwagons and Administrative Models, 29/09/2023	Jamia Millia Islamia and Universitas Pendidikan, Indonesia	International
186.	The digital transformation of traditional education: Analyzing key drivers and implications	National Seminar on G20 Summit in India: Challenges and Prospects, 07/10/2023	IFTM University, Moradabad, U.P.	National
187.	Leveraging the potential of ChatGPT as a pedagogical tool (2 Sessions)	Refresher Course on Empowering Teacher Educators: Creative Teaching Approaches to Engage with Learners of Generation Z, 28/10/2023	HRDC, Integral University, Lucknow	University
188.	Shaikshik takniki ke maadhyam se satat vikas aur mahilaon ki bhoomika	National Seminar on Women in Decision Making Roles in Corporates, 03/11/2023	NCWEB, DU & NCW, New Delhi	National
189.	AI tools for e-content development (2 Sessions)	Refresher Course on ICT tools, E-content Development and LMS, 11/11/2023	UGC-MMTTC, University of Calicut, Kerala	National
190.	AI tools for e-content development (2 Sessions)	Faculty Induction Programme (Guru Dakshta) for University/College Teachers, 18/11/2023	UGC-MMTTC, University of Calicut, Kerala	National
191.	NEP 2020 & digital transformation in higher education institutions	Faculty Development Program on Education for Life with Happiness & Digitalisation in the Light of NEP 2020, 01/12/2023	KIRAS, New Delhi	State
192.	Academic writing and AI tools (2 Sessions)	Faculty Induction Program for University/College Teachers, 05/12/2023	UGC-MMTTC, MANUU, Hyderabad, AP	National
193.	How technology transforms higher education: Issues, innovations, challenges and implications in the digital age	International Conference on Changing Dynamics of Higher Education in South Asia and the 21 <sup>st</sup> Century Transformative Goals: Contexts, Concerns and Prospects, 22/12/2023	KC, BSSRV & KU, Assam	International
194.	Information and communication technology (2 Sessions)	Orientation and Sensitization Programme on NEP 2020 for University/College Teachers, 26/12/2023	UGC-MMTTC, MANUU, Hyderabad, AP	National
195.	Information and communication technology	Orientation and Sensitization Programme on NEP 2020 for University/College Teachers, 04/01/2024	UGC-MMTTC, MANUU, Hyderabad, AP	National

196.	Generating e-content: AI tools in action (2 <i>Sessions</i> )	Refresher Course on ICT and online teaching, 16/01/2024	UGC-MMTTC, University of Calicut, Kerala	National
197.	Academic writing and anti-plagiarism	Workshop on Academic Writing and Anti-plagiarism, 18/01/2024	RC, DoE, DU, Delhi	University
198.	ICT in education and NEP 2020	National Seminar on Transforming Education through NEP-2020: Issues, Challenges and Opportunities, 20/01/2024	SMS CSCMS, Mumbai, Maharashtra	National
199.	NEP, ICT and Indian languages: In action	NEP 2020 Orientation and Sensitization Programme for University/College Teachers, 25/01/2024	UGC-MMTTC, MANUU, Hyderabad, AP	National
200.	NEP, ICT and Indian languages: Hands on experience with AI	NEP 2020 Orientation and Sensitization Programme for University/College Teachers, 25/01/2024	UGC-MMTTC, MANUU, Hyderabad, AP	National
201.	Elevating education with artificial intelligence tutoring systems	National Conference on Artificial Intelligence: A New Dawn in Education, 30/01/2024	IVS, New Delhi	National
202.	Unleashing the power of AI tools for enhancing research	International FDP on Integrating Cutting-Edge Technical Tools for Enhanced Research and Teaching Excellence, 13/02/2024	SRMI (Deemed University), Chennai, TN	International
203.	Novel applications and integration of machine learning in education: Exploring emerging trends	Jamia International Conference on Education, 15/02/2024	JMI, New Delhi	International
204.	Let's create PPT in various ways	Faculty Development Program on Effective teaching through Modern Technology, 05/03/2024	IU, Lucknow and AIU, New Delhi	National
205.	AI tools for educational purposes	Faculty Development Program on Effective teaching through Modern Technology, 05/03/2024	IU, Lucknow and AIU, New Delhi	National
206.	Artificial intelligence literacy among secondary school students: An exploratory study	International Conference on Multidisciplinary Perspectives Towards Sustainability in the Era of Artificial Intelligence, 06/03/2024	IU, Lucknow	International
207.	A comprehensive study on integrating augmented reality in classroom from the perspective of teachers	International Conference on Multidisciplinary Perspectives Towards Sustainability in the Era of Artificial Intelligence, 06/03/2024	IU, Lucknow	International
208.	NEP, ICT and Indian languages (2 <i>Sessions</i> )	NEP 2020 Orientation and Sensitization Programme for University/College Teachers, 13/03/2024	UGC-MMTTC, MANUU, Hyderabad, AP	National
209.	AR-driven digital empowerment: Navigating vocational education, bridging skill gaps, and addressing the digital divide for future workforce success	National Seminar, 28/03/2024	GGSIU, Delhi	National
210.	Perspectives and innovations in open and distance learning	International Conference on Perspectives and innovations in open and distance learning, 02/04/2024	NIOS, Noida, UP	International
211.	Building digital pedagogues: Enhancing teacher professional	National Conference on Professional Development of Teachers, Teaching	SIASTE, Gurugram, Haryana	National

	development in educational technologies	and Taught in the 21 <sup>st</sup> Century, 11/05/2024		
212.	Exploiting artificial intelligence for empowering researchers and faculty	International Faculty Development Program on Fundamentals of Research in Social Sciences, 06/06/2024	IU, Lucknow	International
213.	Understanding junction of educational technology, higher education and industry demands	International Conference / Global Summit on Empowering Higher Education, 05/07/2024	UoS, Sri Lanka & MSU, Tirunelveli, TN	International
214.	AI for e-content development for teaching and assessment (2 Sessions)	Faculty Induction Programme (Guru Dakshata) for University/College Teachers, 08/07/2024	UGC-MMTTC, SRCC, Delhi	National
215.	IPR, copyright issues and Anti-plagiarism tools	Faculty Induction Programme (Guru Dakshata) for University/College Teachers, 13/07/2024	UGC-MMTTC, JMI, Delhi	National
216.	Crafting the future of education: Mastering AI tools for e-content creation	Extension Lecture, 27/07/2024	CDE, TU, Kathmandu, Nepal	University
217.	Sustaining in the AI Environment: Transformative Technologies in Higher Education	Special Invited Lecture, 27/07/2024	GSE, TU, Kathmandu, Nepal	University
218.	Teaching pedagogies and methodologies: Enhancing learning through diverse approaches, How faculty should prepare before handling a subject: Strategies for effective teaching	Workshop on Teaching Pedagogies and Methodologies, 03/08/2024	Ashoka Women's Engineering College, Kurnool (AP)	Local
219.	Mastering AI tools for e-content creation: Hands-on experience (2 Sessions)	Short Term Course on Exploring AI: Multidisciplinary Perspectives and Applications, 10/08/2024	UGC-MMTTC, University of Calicut, Kerala	National
220.	Digital education: A foundation for viksit Bharat	International Conference on the Journey of India from her Ancientry to Viksit Bharat, 31/08/2024	KJSCAC, Mumbai, Maharashtra	International

#### Research Projects / Activities

S. No.	Title	Sponsoring Agency	Duration	Role
1.	Professional development and capacity building of teacher educators (Through ICT)	MHRD, Govt. of India	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, Govt. of India	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, Govt. of India	1 year	Coordinator

6.	Development of mathematics resource material for student teachers	MHRD, Govt. of India	1 year	Principal Investigator
7.	International conference on ICT for education	MHRD, Govt. of India	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, Govt. of India	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, Govt. of India	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
13.	GATI (Gender Advancement in Transforming Institutions) Project through GSAT	DST, MST, Govt. of India	2 years	Member

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

S. 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. Lifetime Member, ERDA.
8. Lifetime Member, DAMT.
9. Member, Delhi Chapter, ISOC.
10. Member, Advisory Board, International Educational Technology Conference.
11. Member, Editorial Board, The Turkish Online Journal of Educational Technology, Turkey.

12. Member, Advisory Board, AASRC, USA.
13. Member, TICAL Community.
14. Reviewer/Member, Reviewer Board of several International and National Journals.

**Other Activities**

1. Executive Editor (till 2007), School Magazine Abhivyakti, 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. A large number of outreach and extension activities.
10. A large number of confidential academic and professional assignments and activities.