

RESUME



Full Name: DR. KANAK SHARMA

Designation: Assistant Professor

Nationality: Indian

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ACADEMIC QUALIFICATIONS

- ❖ **Graduated (B.Sc.)** from **C.C.S. University, Meerut**, U.P. in 2002.
- ❖ **Post graduated (M.Sc.)** in Organic Chemistry from **C.C.S. University, Meerut**, U.P. in 2004.
- ❖ **Graduated in Education (B.Ed.)** from **C.C.S. University, Meerut**, U.P. in 2005.
- ❖ **Post graduated in Education (M.Ed.)** from **C.C.S. University, Meerut**, U.P. in 2006.
- ❖ Qualified **UGC-NET in Education** in December 2007.
- ❖ **Ph.D. in Education** from **B.H.U., Varanasi**, U.P. in 2012.
- ❖ **Post- Doctorate in Education** from **Jamia Millia Islamia, New Delhi** from 2015- 2018.

Degree/Class	Board\University	Year of Passing	Subject	Division
B.Sc.	C.C.S. University, Meerut, U.P.	2002	Chemistry, Botany, Zoology	I
M.Sc.	C.C.S. University, Meerut, U.P.	2004	Chemistry (Organic)	I
B.Ed.	C.C.S. University, Meerut, U.P.	2005	Education	I
M.Ed.	C.C.S. University, Meerut, U.P.	2006	Education	I
Ph.D.	Banaras Hindu University, Varanasi	2012	Education	Awarded
NET	U.G.C., New Delhi	December 2007	Education	Qualified
Post-Doctorate	Jamia Millia Islamia, New Delhi	February 2015-February 2018	Education	Completed

AREA OF SPECIALIZATION:

- Pedagogy of Science
- Educational Measurement & Evaluation
- Educational Technology & ICT

RESEARCH EXPERIENCE: (3 Years & 09 Months)

- **Worked** as a Research Assistant at **National Council For Teacher Education, New Delhi** Since 23 May 2014 to 23 February 2015.
- **Worked** as **Dr. S. Radhakrishnan Post -Doctoral Fellow** (awarded for the year 2014-2015 by **University Grants Commission, New Delhi**) in the **Department of Teacher Training and Non- Formal Education, I.A.S.E., Faculty of Education, IASE, Jamia Millia Islamia, New Delhi** during the period from February 2015 to February 2018.

TEACHING EXPERIENCE: (08 Years+)

- **Taught** B.Ed. classes of Rajiv Gandhi South Campus, B.H.U. in the month of January as a guest Lecturer during session 2009-2010.

- **Taught** B.Ed. classes in Shyamlal Saraswati Mahavidyalaya, Shikarpur, Bulandshahr as an Assistant Professor since July, 2012 to July, 2013.
- **Taught** B.Ed. classes and M.A. (Education) Classes as Post-Doctoral fellow in Department of Teacher Training and Non-formal Education, IASE, Jamia Millia Islamia, New Delhi during the period from February, 2015 to February, 2018.
- **Taught** B.Ed. Classes, Integrated B.Sc. B.Ed. Classes and M.Ed. Classes as Assistant Professor in Department of Education, Regional Institute of Education (NCERT), Ajmer during the period from July, 2018 to May, 2019.
- **Taught** B.Ed. Classes, Integrated B.Sc. B.Ed. Classes and M.Ed. Classes as Assistant Professor in Department of Education, Regional Institute of Education (NCERT), Ajmer during the period from July, 2019 to September, 2019.
- **Taught** M.A. (Education) Classes and M.Phil. (Education) Classes as Assistant Professor in Department of Educational Studies, Mahatma Gandhi Central University, Bihar during the period from September 2019 to March 2020.
- **Teaching** Integrated M.Sc. B.Ed. Classes, M.A (Education) Classes and Ph.D. Coursework Classes as Assistant Professor in Department of Education, Central University of Rajasthan, Kishangarh, Ajmer from March 2020 to till now.

RESEARCH WORK:

- **Completed** M.Ed. Dissertation on the topic 'A Comparative Study of Organizational Climate of English medium schools and Hindi Medium Schools' from C.C.S. University, Meerut.
- **Ph.D. awarded** on the topic 'Effectiveness of Concept Mapping Strategy for Teaching Organic Chemistry in terms of Achievement in Organic Chemistry at 10+2 Level' from Faculty of Education, BHU, Varanasi, U.P.
- **Completed Post-Doctoral research work** on the theme "Study of Techno-pedagogical Competency of Higher Secondary School Science Teachers Of Kendriya Vidyalayas and their Attitude towards ICT" from Department of Teacher Training and Non-Formal Education , I.A.S.E., Faculty of Education, Jamia Millia Islamia, New Delhi.

SPECIAL COURSES:

- **Completed Certificate Course in Yoga** from Yoga Sadhna Kendra, Malviya Bhawan, B.H.U., Varanasi, U.P.
- **Completed Certificate Course in Statistical Methods** from Department of Statistics, Faculty of Science, BHU, Varanasi,U.P.
- **Completed 2-Credit SWAYAM Course** on National Education Policy-2020:Professional Development Programme held from 1-28, February, 2023 from Indira Gandhi National Open University Staff Training and Research Institute of Distance Education, New Delhi.

ADMINISTRATIVE EXPERIENCE: (01 Year +)

- **Presently working** as **Assistant Proctor** at Central University of Rajasthan from 18th October,2023 to till now
- Worked as **Warden** in Kasturba Gandhi Girls Hostel, Mahatma Gandhi Central University, Bihar in the year 2019

- Worked as **Assistant Warden** in Rana Pratap Girls Hostel ,Regional Institute of Education (NCERT), Ajmer in the year 2018

AWARD, PRIZES & DISTINCTIONS:

- **Dr. S. Radhakrishnan Post - Doctoral Fellowship** awarded for the year 2014-2015 by University Grants Commission, New Delhi.
- **UGC Research Fellowship** awarded in the year 2008.
- **Best Paper Award** in the two day international e-conference on “Contemporary Teaching Pedagogy in a Pluralistic Society” dated 20th August, 2021 to 21st August, 2021 organized by D.A.V. (P.G.) College, Dehradun in Collaboration with Council for Educational Administration and Management (CEAM) Utrakhand Chapter.

MEMBER OF NATIONAL COMMITTEE:

- ❖ Selected to serve as a **Member of the National Committee** constituted for developing and designing syllabi/course content for **Pedagogy Courses (Stage Specific)** as outlined in **Integrated Teacher Education Programme Curriculum Framework**.

EXPERT FOR THE FINALIZATION OF GUIDELINES FOR TEACHER EDUCATION INSTITUTIONS UNDER ULLAS: NAV BHARAT SAAKSHARTA KARYKRAM:

- ❖ Facilitated as an **Expert** in the Workshop for the Finalization of Guidelines for Teacher Education Institutions under ULLAS: Nav Bharat Saaksharta Karykram organized by Cell for National Centre for Literacy, NCERT, New Delhi in collaboration with Central Institute of Education, University of Delhi, Institute of Lifelong Learning, University of Delhi and Delhi Teachers University, Delhi, Dated 28th November to 30th November 2023.

PANELIST IN MANODARPAN : AN INITIATIVE OF MINISTRY OF EDUCATION FOR PSYCHOSOCIAL SUPPORT AND MENTAL WELL-BEING OF STUDENTS:

- ❖ Facilitated as Panelist in Live Interactive Session PARICHARCHA on topic Unlocking Your Potential: Goal Settings Strategies for a Fulfilling Life on 5th January,2024 organized by CIET, NCERT,New Delhi.

CURRICULUM DESIGN:

- Syllabus for M.A. Education Programme
- Syllabus for Ph.D. Coursework
- Syllabus for Int. M.Sc. B.Ed. Programme
- Open Elective Courses to be offered for the students of various Departments of Central University of Rajasthan

COURSE CONTRIBUTION:

- ❖ **Contributed** to bringing the **new course Four Year B.Sc. B.Ed. Integrated Teacher Education Programme** to the Central University of Rajasthan.

OTHER MAJOR CONTRIBUTIONS:

MOOCs:

- ❖ **Developed Course Content for MOOCs** (developed in 4 Quadrant) Module/Lecture: **02** in year 2022.

COURSE COORDINATOR:

- Facilitated as **Course Coordinator** for Pedagogy of Physical Science of B.Ed. Program at Uttarakhand Open University, Haldwani.
- Facilitated as **Ph.D. Course Coordinator**, Department of Educational Studies, Mahatma Gandhi Central University, Bihar in the year 2019.

COORDINATION OF FACULTY DEVELOPMENT PROGRAM/OTHER PROGRAMS: 11

- Facilitated as **Convener** for National Conference on Modern Indian Education: Legacy of Maulana Azad held on 11th November, 2019 at Mahatma Gandhi Central University of Bihar.
- Facilitated as **Coordinator** for One week Online FDP on Implementation of National Education Policy 2020: Role of Faculty members of HEI's" conducted during 4th - 8th November, 2020 organized by Teaching learning Centre, Central University of Rajasthan under the aegis of PMMNMTT, Ministry of Education, Government of India, New Delhi.
- Facilitated as **National Education Day Coordinator** and Organized Essay Writing Competition and Quiz Competition on dates 11th November, 2020 for students at Central University of Rajasthan.
- Facilitated as **Coordinator** for one day National Webinar on National Professional Standards For Teachers (NPST): A Step towards Professional Development of Teachers in India" Organized by Department of Education in collaboration with NCTE on 15 September, 2021.
- Facilitated as **Coordinator** to organize the Poster Competition for students in the Seminar entitled "Freedom Movement and Indian Scientists (FMIS) held on 6th May, 2022 by Central University of Rajasthan in collaboration with Vijnana Bharati, Aravalin Vijnana Samiti.
- Facilitated as **Chairperson** on 11-03-2022 at session IX (6.10 pm to 7.10 pm) in the one week online National workshop on Use of Excel in Data analysis organized by Centre of Research, IITE, Gandhinagar from 7th March to 12th March,2022.
- Facilitated as **Coordinator** on 20-04-2022 at session IV (7.20 pm to 8.20 pm) in the one week online National Orientation Program on Research Report Writing (Thesis and Dissertation) organized by Centre of Research, IITE, Gandhinagar from 19th April to 23rd April,2022.
- Facilitated as **Coordinator** on 22/06/2022 in online Session VI at 7.45 Pm to 8.45 Pm in the one week online National Orientation Program on Experimental Research Jointly organized by Centre of Research, IITE, Gandhinagar & School of Education, Mahatma Gandhi Central University, Bihar.
- Facilitated as **Coordinator** on 24/06/2022 in online Session X at 7.45 Pm to 8.45 Pm in the one week online National Orientation Program on Experimental Research Jointly organized by Centre of Research, IITE, Gandhinagar & School of Education, Mahatma Gandhi Central University, Bihar.

- Facilitated as **Coordinator** to organize Guest Lecture on the topic “Equilibrium between Society & Environment: Ancient Indian Practices” on 7/02/2024 at the Department of Education, Central University of Rajasthan.
- Facilitated as **Coordinator** to organize Guest Lecture on the topic “Sustainable Architecture & Urban Planning: Practices from Indigenous Knowledge” on 8/02/2024 at the Department of Education, Central University of Rajasthan.

RESOURCE PERSON IN TRAINING PROGRAMS/ INDUCTION PROGRAMS/ WORKSHOPS/ CONFERENCES/ SEMINARS:42

- Facilitated as **Resource Person** in Training Program organized for Primary and Upper Primary Teachers at DERT, Shillong **by NCERT, New Delhi** from 9 February, 2010 to 12 February, 2010.
- Facilitated as **Resource Person** in Training Program organized for Primary and Upper Primary Teachers at SCERT, Guwahati **by NCERT, New Delhi** from 25 January, 2010 to 29 January, 2010.
- Facilitated as **Resource Person** in a workshop organized by **SCERT, Bihar** from 25 February, 2016 to 27 February, 2016 for World Bank funded Project on Enhancing Teacher Effectiveness in Bihar.
- Facilitated as **Resource Person** in the PAC Program (15.08) entitled “Development Workshop on e- content on Experiments in Chemistry using Microscale kit at Senior Secondary Stage” from 12 November, 2018 to 16 November, 2018 (05 Days) at **Regional Institute of Education (NCERT), Ajmer.**
- Facilitated as **Resource Person** in the PAC Program (15.14) entitled “Workshop on Development of Training Package on Learning Outcomes in EVS /Science Mathematics at Elementary Stage” from 21 January, 2019 to 25 January, 2019 (05 Days) at **Regional Institute of Education (NCERT), Ajmer.**
- Facilitated as **Resource Person** for the session” Video Creation Softwares for Recording & Basic Editing” invited by Maa Saraswati Mahila Teacher Training College, Ajmer, Rajasthan, dated 5th April, 2021 from 10:00 am to 12:00 pm in the online mode.
- Facilitated as **Resource Person** for conducting online session of Capacity Building Program on 23-10- 2021 for **CBSE, CoE, Ajmer** on Teaching Strategies in Science (Secondary Level).
- Facilitated as **Resource Person** for conducting online session of Capacity Building Program on 29-11- 2021 for **CBSE, CoE, Ajmer** on Developing Scientific Temperament.
- Facilitated as **Resource Person** for conducting online session of Capacity Building Program on 01-12- 2021 for **CBSE, CoE, Ajmer** on Practicing Blended Learning.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 09-09-2021 for **CBSE, CoE, Bhubaneswar** on Teaching and Learning Styles.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 01-10-2021 for **CBSE, CoE, Bhubaneswar** on Understanding Multiple Intelligence.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 04-10-2021 for **CBSE, CoE, Bhubaneswar** on Practicing Blended Learning.

- Facilitated as **Resource Person** for conducting CBSE online Training session on 22-11-2021 for **CBSE, CoE,Bhubaneswar** on Teaching Strategies in Science(Secondary Level).
- Facilitated as **Resource Person** for conducting CBSE online Training session on 26-11-2021 for **CBSE, CoE,Bhubaneswar** on Essential Components of a Lesson Plan.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 04-01-2022 for **CBSE, CoE,Bhubaneswar** on Teaching Strategies in Science(Secondary Level).
- Facilitated as **Resource Person** for conducting CBSE online Training session on 16-02-2022 for **CBSE, CoE,Bhubaneswar** on Understanding Multiple Intelligence.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 02-04-2022 for **CBSE, CoE,Bhubaneswar** on Multiple Intelligences.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 13-04-2022 for **CBSE, CoE,Bhubaneswar** on Teaching Strategies in Science(Secondary Level)
- Facilitated as **Resource Person** for conducting CBSE online Training session on 26-05-2022 for **CBSE, CoE,Ajmer** on Understanding Multiple Intelligence
- Facilitated as **Resource Person** for conducting CBSE online Training session on 07-06-2022 for **CBSE, CoE,Ajmer** on Practicing Blended Learning
- Facilitated as **Resource Person** for conducting CBSE online Training session on 13-07-2022 for **CBSE, CoE,Ajmer** on Teaching and Learning Styles
- Facilitated as **Resource Person** for conducting CBSE online Training session on 21-07-2022 for **CBSE, CoE,Bhubaneswar** on Components of Lesson Plan.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 25-07-2022 for **CBSE, CoE,Ajmer** on Understanding Multiple Intelligences
- Facilitated as **Resource Person** for delivering a lecture entitled Using a Google Classroom in online mode on 25-07- 2022 for the10th Faculty Induction Program (15 July to 12 august, 2022) organized by **UGC, HRDC, Sagar University, M.P.**
- Facilitated as **Resource Person** for conducting CBSE online Training session on 27-07-2022 for **CBSE, CoE,Bhubaneswar** on Classroom Management
- Facilitated as **Resource Person** for conducting CBSE online Training session on 06-08-2022 for **CBSE, CoE,Bhubaneswar** on Teaching Strategies in Science(Secondary Level)
- Facilitated as **Resource Person** for conducting CBSE online Training session on 08-08-2022 for **CBSE, CoE,Ajmer** on Essential Components of a Lesson Plan.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 12-08-2022 for **CBSE, CoE,Ajmer** on Teaching Strategies in Science(Secondary Level).
- Facilitated as **Resource Person** for conducting CBSE online Training session on 17-08-2022 for **CBSE, CoE,Bhubaneswar** on Practicing Blended Learning.

- Facilitated as **Resource Person** for conducting CBSE online Training session on 02-09-2022 for **CBSE, CoE, Bhubaneswar** on Classroom Management.
- Facilitated as **Resource Person** for conducting CBSE online Training session on 10-10-2022 for **CBSE, CoE, Bhubaneswar** on Understanding Multiple Intelligences.
- Facilitated as **Resource Person** for delivering a lecture entitled 'Creating Interactive Lessons using Insert Learning' in online mode on 18-11- 2022 for the 12th Faculty Induction Program (10 November-07 December,2022) organized by **UGC, HRDC, Sagar University, M.P.**
- Facilitated as **Resource Person** for delivering a lecture entitled "Assessment and Evaluation in Education" on 17th December,2022 in online mode held at the Department of Education, **Saurashtra University, Rajkot (Gujarat).**
- Facilitated as **Resource Person** for delivering a lecture entitled "Open Educational Resources" in online mode on 10 February,2023 for the One week National Workshop on ICT Tools and Techniques for Education and Research (6th February,2023 to 10th February,2023) organized by **Bharat Digital Academy, Aligarh.**
- Facilitated as **Resource Person** for delivering a Guest lecture (Online) entitled "Introduction and Application of different ICT Tools" on 2-03-2023.for the Five days Teacher Induction Training Programme (8th Batch) conducted at Primary Teacher Education College, Mokama, Patna, Bihar organized by **SCERT, Bihar.**
- Facilitated as **Resource Person** for delivering a lecture entitled "Classroom Management Skills" in online mode on 12th April,2023 for the One week Teacher Training on Skills for Effective Teaching (10th April,2023 to 14th April,2023) organized by **Bharat Digital Academy, Aligarh.**
- Facilitated as **Resource Person** for delivering a lecture entitled "Inquiry -Based Learning: A Focused Approach of Experiential Learning" in online mode on 09th May,2023 for the Five Day Faculty Development Program on Innovative Trends in Pedagogy: Experiential Learning in Higher Education Institutions (8th May,2023 to 12th May,2023) organized by Faculty of Education, **SGT University, Gurugram.**
- Facilitated as **Resource Person** for delivering a lecture entitled "Population & Sampling " in online mode on 08th June,2023 in 10 Days National Workshop on Research Methodology (From 04th June 2023 to 13th June 2023) organized by **Udaan Educational Services, Ghaziabad.**
- As **Expert** Participated in a **Focus Group Discussion** on the topic "Integration of OER and OEP into different Components of Teacher Education Programs to facilitate Self-regulated Learning" in online mode on 24 June ,2023 organized by **STRIDE, IGNOU, New Delhi.**
- Facilitated as Resource Person for delivering a lecture entitled "Managing Your References: Referencing Styles" in online mode on 25th September 2023 in a Workshop on Reference Management (held From 25th September, 2023 to 27th September ,2023) organized by **Udaan Educational Services, Ghaziabad.**
- Facilitated as **Resource Person** for conducting CBSE online Training session on 06-10-2023 for **CBSE, CoE, Bhubaneswar** on **Counselling Techniques.**
- Facilitated as **Resource Person** for delivering a lecture entitled "Population & Sampling " in online mode on 27th November, 2023 in 14 Days National Workshop on Research Methodology (held From 19th

November, 2023 to 2nd December, 2023) organized by **Udaan Educational Services, Ghaziabad.**

RESOURCE PERSON IN CONFERENCES/ SEMINARS: 08

- Facilitated as **Resource Person to Co- Chair** in Technical session of the National Conference on 'New Frontiers of Research and Education in Chemical Sciences and National Convention of Chemistry Teachers' on 27 October,2018 organized by **Regional Institute of Education (NCERT), Ajmer.**
- Facilitated as **Resource Person to Chair the Technical Session** (in online mode) in the National Seminar on the topic 'Recent Trends and Strategies in Indian Education System in Light of NEP 2020' on 10th August, 2023 organized by the **Internal Quality Assurance Cell (IQAC) of Army Institute of Education, Greater Noida.**
- Facilitated as **Special Guest Speaker** in the National Seminar on the topic '21st Sadi mei Shikshak Shiksha Karykram ke Bhartiykaran ki Awashykta , Sambhavnayein avm Chunautiyan' on 8th October,2023 (held from 7th October,2023 to 8th October, 2023) organized by the **Mohini Devi Goenka Girls B.Ed., College, Sikar, Rajasthan.**
- Facilitated as **Resource Person to Chair the Technical Session** in the **National Conference** on the topic 'Happiness and Sustainability Around the Globe: Implications For the SDGs' on 11th October (held from 11th October,2023 to 12th October, 2023) organized by the **University School of Education, Guru Gobind Singh Indraprastha University, New Delhi.**
- Facilitated as **Speaker for the session** on the topic 'Gender Biases in Curriculum' in the **National Seminar** on India's Focus on Inclusive Education: Pathway through Gender Issues and Concerns' on 17th October,2023 (held from 17th October,2023 to 18th October, 2023) organized by **Central Academy Tecaher's Training College, Ajmer.**
- Facilitated as **Resource Person** in the **ICSSR Sponsored Two Days National Seminar** on 'Role of Teachers in the Implementation of National Education Policy 2020' ,Dated 24th November ,2023 to 25th November, 2023 organized by **UGC-HRDC DAVV, Indore.**
- Facilitated as **Resource Person to Chair the Technical Session** in the International Conference on 'Blended Learning Approach in Teacher Education' on 01 December,2023 (held from 01 December-02 December,2023) organized by **Department of Education,Chaudhary Charan Singh University, Meerut in collaboration with Constatine The Philosopher University Nitra, Slovakia.**
- Facilitated as **Keynote Speaker for the Technical Session IX** on the theme 'Equity and Quality: Curricular Issues, Challenges and Practices' in the **National Seminar** on Equitable and Inclusive Education(NSEIE 2024) organized by Regional Institute of Education, **Ajmer on dated 10 january,2024.**

RESOURCE PERSON, PAPER SETTER, OBSERVER, AND EXAMINER AT NATIONAL LEVEL/ STATE LEVEL INSTITUTIONS AND COMMISSIONS: 14

- Facilitated as **Paper setter** at **National Testing Agency (NTA)** in Central Universities Common Entrance Test-2021.
- Facilitated as **Observer** at **National Testing Agency (NTA)** for the conduction of NEET (UG)-2021.
- Facilitated as **Observer** for the conduction of REET -2021.
- Facilitated as **Resource Person in a confidential meeting** held on 7 September, 2022 to 9 September,2022

at **Rajasthan Public Service Commission, Ajmer.**

- Facilitated as **Resource Person in a confidential meeting** held on 29 September, 2022 to 30 September, 2022 at **Union Public Service Commission, New Delhi.**
- Facilitated As a **Resource Person for a confidential task** organized by **National Testing Agency (NTA)** from 18 January, 2023 to 20 January, 2023
- Facilitated as **Observer** at **National Testing Agency (NTA)** for the conduction of JEE (Mains)-2023 from 6 April, 2023 to 15 April, 2023.
- Facilitated as **Observer** at **National Testing Agency (NTA)** for the conduction of NEET (UG)-2023 from 6 May, 2023 to 7 May, 2023.
- Facilitated as **External Examiner** for the **Practical Examinations of B.Ed. Students (Second Year) Session 2021-23** at **Chaudhary Charan Singh University, Meerut** from 29th May, 2023 to 30th May, 2023.
- Facilitated as **External Examiner for Evaluating the Ph.D.-Education thesis** at VELS Institute of Science, Technology & Advanced Studies (VISTAS) Chennai.
- Facilitated as **External Examiner** for the **Practical Examinations of B.Ed. Students (First Year) Session 2022-24** at **Chaudhary Charan Singh University, Meerut** from 28th August, 2023 to 29th August, 2023.
- Facilitated as **Observer** at **National Testing Agency (NTA)** for the conduction of IGNOU Recruitment Examination 2023 held on 31st July, 2023.
- Facilitated as **Observer** at **Central Board of Secondary Education (CBSE)** for the conduction of Central Teacher Eligibility Test (CTET AUGUST, 2023) held on 20th August, 2023.

DEVELOPMENT OF SELF LEARNING MATERIAL:08

- Developed **Self learning Material** for Understanding Elementary School Child, Block I, Unit-1: Understanding Child and Childhood for Professional Development Program for Elementary Teachers (PDPET) of National Institute of Open Schooling, Noida in the year 2016.
- Developed **Self learning Material** for Learning and Teaching Block 2, Unit-5: Learner in Socio-cultural Context for B.Ed. Program of Indira Gandhi National Open University, New Delhi in the year 2016.
- Developed **Self learning Material** for Pedagogy of Science, Block 2, Unit-6: Approaches in Science Teaching - Learning for B.Ed. Program of Indira Gandhi National Open University, New Delhi in the year 2017.
- Developed **Self learning Material** for Pedagogy of Physical Science (Part I), Block 1, Unit-2: Bhautik Vigyan avm Samaj for B.Ed. Program of Uttrakhand Open University Haldwani in the year 2017.
- Developed **Self learning Material** for Childhood and Growing Up, Block 1, Unit-1: Janm, Shaishvavastha avm Balyavastha: Sarvbhaum for B.Ed. Program of Uttrakhand Open University Haldwani in the year 2017.
- Developed **Self learning Material** for Pedagogy of Physical Science (Part II), Block 2, Unit-5: Ek Shodhkarta ke roop mei Bhautik Vigyan Shikshak for B.Ed. Program of Uttrakhand Open University Haldwani in the year 2017.

- Developed **Self learning Material** for Understanding Disciplines and Subjects, Block 2, Unit-4: Gyan ki Ek Shakha ke roop mei Vigyan for B.Ed. Program of Uttrakhand Open University Haldwani in the year 2017.
- Developed **Self learning Material** for Pedagogy of Physical Science (Part I), Block 2, Unit-3: Vigyan Shikshan ki Vidhiyan avm Nitiyan for B.Ed. Program of Uttrakhand Open University Haldwani in the year 2017.

RESEARCH/PROJECT GUIDANCE AS SUPERVISOR: 12

S. No.	Candidate Name	Title of Project/ Dissertation	Name of the University	Session
1.	Jai Kumar	Perception of Students' towards Flipped Classroom of Organic Chemistry and Review of Aza-oxy-allyl Cation and Oxy-allyl Cation Intermediate	Central University of Rajasthan	2018-2021
2.	Kamlesh Bhavariya	Effect of Blended Learning Method on Students' Achievement in Organic Chemistry	Central University of Rajasthan	2018-2021
3.	Surya Prakash Kumawat	Hybrid Board Game Based Learning in Higher Secondary Organic Chemistry Education	Central University of Rajasthan	2018-2021
4.	Nitin Rangera	An Investigation of Students' Learning Difficulties in Mathematics at Senior Secondary Level	Central University of Rajasthan	2019-2022
5.	Ashok Kumar	Use of ICT in Teaching Learning Process: A Survey of Schools in Fatehpur Block of Sikar District, Rajasthan	Central University of Rajasthan	2019-2022
6.	Jitesh Kumar	Students' Attitude Towards Online Examinations	Central University of Rajasthan	2019-2022
7.	Himani Gupta	Students' Attitude towards Online Laboratory Experiences in Central University of Rajasthan	Central University of Rajasthan	2019-2022

8.	Shivani Jain	Awareness of Secondary & Senior Secondary School Teachers' About Skill Subjects	Central University of Rajasthan	2019-2022
9.	Tarif Bhayana	Effect of Flash Card Games on Chemistry Students' Achievement in Periodic Table	Central University of Rajasthan	2019-2022
10.	Vijay Mahariya	Readiness for Implementation of NEP 2020: A Survey of K.V. Schools situated in Jaipur and Ajmer Region	Central University of Rajasthan	2019-2022

PUBLICATIONS: 39

- Research Papers/ Articles Publications: **25**
- Developed Course Content: **08**
- Papers Published in Seminar Proceedings: **06**

RESEARCH GUIDANCE:

- **Guided 12** Project Students (**Int. M.Sc. B.Ed.**)
- **Guiding 03** Research Scholars (**Ph.D. Education**)

BEST RESEARCH PAPERS PUBLISHED IN UGC CARE LIST JOURNALS

S. No.	Title of Research Article/Paper	Name of Journal	Year, Vol. No. & Page No.	ISBN/ISSN NO.	Level
1.	Concept Maps in Organic Chemistry Teaching	School Science	2011, Vol.-49, No.-3, (39-49)	ISSN 0972-5060	National
2.	Effect of Concept Mapping Strategy on Concept Retention and Concept Attrition in Organic Chemistry	Journal of Indian Education	2013, Vol.-38, No.-04, (25-43)	ISSN 0972-568	National

3.	Effectiveness of Concept Mapping Strategy on Student's Achievement and Concept retention in Organic Chemistry	Indian Educational Review	2014, Vol.-52, No.-01, (111-127)	ISSN 0972-561X	National
4.	Effect of Concept Mapping Strategy on Achievement in Organic Chemistry of Class XII Science Students	School Science	2014, Vol.52, No.-1, (17-34)	ISSN 0972-5060	National
5.	Balshram ki Samajik Samasya: Shaikshik Udbodhan	Journal Bhartiya Adhunik Shiksha	2010 Year-31, No.-1, (59-68)	ISSN 0972-5636	National
6.	ICT for Empowerment of Rural Women In India	Prajna	2013-14, Vol.-59, No.-1	ISSN 0554-9884	National

PRESENTED PAPER IN SEMINARS: 32

PAPER PRESENTATIONS IN NATIONAL SEMINARS: 19

- **Paper (Title- Universalization of Elementary Education: A Discussion) Presented** in National Seminar on 'Challenges in Universalization of Elementary Education' (Dated- 11-12 Nov. 2006) jointly organized by Alumni Association of Education and Faculty of Education, B.H.U., Varanasi, U.P.
- **Paper (Title- Role of Teacher in Environmental Education) Presented** in U.G.C Sponsored National Seminar on 'Environmental Education & Teacher' (Dated -30 Jan., 2011) organized by Faculty of Education, Handia Post Graduate College Handia, Allahabad.
- **Paper (Title- Mahila Shashaktikaran mei Shiksha ka Mahatv) Presented** in U.G.C Sponsored National Seminar on 'Women Empowerment in Rural India: Challenges & Possibilities' (Dated-7-8 March, 2011) organized by Department of Sociology S.G.R.P. College, Dobhi, Jaunpur.
- **Paper (Title-The Right to Education Act: Salient Features and Major Problems of Implementation) Presented** in XII Annual Conference and National Seminar on 'School Education Scenario in India: Emerging Challenges for Teacher Education' (Dated-15-16, October, 2011) organized by AIATE, New Delhi.
- **Paper (Title- Environmental Ethics Education: Need and Role of Teachers) Presented** in U.G.C Sponsored National Seminar on 'Role of Human Values in the Preservation of Environment' on (Dated- 8 to 9 February, 2012) organized by Department of Sociology, C.S.N.(P.G.) College, Hardoi.
- **Paper (Title- Bhartiya Pariprekshya mei Manvadhikar : Ek Vichar Manthan) Presented** in National Seminar on 'Human Rights and Education' on (Dated-18-19, February, 2012) organized by Department of Education, Mahatma Gandhi Kashi Vidyapith, Varanasi.

- **Paper (Title-Globalization and Higher Education: A Critical Look at New Perspectives and Demands) Presented** in U.G.C Sponsored National Seminar on 'Perspectives on Higher Education' on (Dated-18-22,February, 2012)organized by Department of Education, Sant Vinoba P.G. College,Deoria.
- **Paper (Title-RTE in India: Its Strength and Weaknesses) Presented** in U.G.C Sponsored National Seminar 'Perspectives on Right To Education' (Dated- 29February-1 March, 2012)organized by Faculty of Education, R.S.K.D., P.G. College, Jaunpur.
- **Paper (Title-Suggestions for Quality Improvement in Higher Education) Presented** in National Conference 'Factors Affecting Teaching & Research and Strategy to Improve Quality in Higher Education' (Dated-29February,2012)organized by B.H.U., Rajiv Gandhi South Campus ,Barkachha, Mirzapur
- **Paper (Title-Value Education in India: A Few Aspects Needing Attention) Presented** in U.G.C Sponsored National Seminar on 'Mulya Shiksha: Chunautiyan avm Bhavi Swaroop' (Dated 18-19 March, 2012) organized by Faculty of Education, Sampurnanand Sanskrit Vishwavidhyalaya, Varanasi.
- **Paper (Title- Efforts made by Government to develop Women Education) Presented** in National Seminar on 'The Progress of Women Education in India After Independence' (Dated 24 December, 2012) organized by Department of Education, Shyamlal Saraswati Mahavidyalaya, Shikarpur, Bulandshahr.
- **Paper (Title- Drug Abuse: Prevention and Control) Presented** in National Seminar on 'Adolescence Education: Status and its Future Perspectives' (Dated- 05-06 February, 2015) organized by RIE, Ajmer.
- **Paper (Title -Comparison of the Effect of Concept Mapping Strategy and Lecture Method on Learning Outcomes in Science) Presented** in National Seminar on 'Learning Outcomes: Best Pedagogical Practices' (Dated-7-9 March, 2019) organized by Regional Institute of Education (NCERT), Ajmer.
- **Paper (Title- Curricular and Pedagogical Shifts in School Education, National Education Policy: 2020) Presented** in National Seminar on 'New Education Policy 2020: Challenges and Perspectives' (Dated-26-08-2020) organized by D.A.V. College of Education, Amritsar.
- **Paper (Title- A Study of Attitude Of Teacher Trainees Towards Open Book Examination) Presented** in National Webinar on 'Adaptability in Crisis Psychology, Education and Society' (Dated 18 August,2021) organized by Department of Psychology, Rajiv Gandhi University, Arunachal Pradesh.
- **Paper (Title-Use of ICT in Teaching and Learning Process: A Survey of Schools in Fatehpur Block of Sikar District Rajasthan) Presented** in National Seminar on 'National Education Policy 2020: National Building Perspective' (Dated 27-28 January,2023) organized by Department of Education, School of Social Sciences, IFTM University, Moradabad.
- **Paper (Title- Art Integration in Pedagogy of Science) Presented** in National Seminar on 'Successful Execution of NEP in Higher Education Institutions Issues and Challenges' (Dated 30 January, 2023) organized by Sahu Ram Swaroop Mahila Mahavidyalaya, Bareilly.
- **Paper (Title-Bhartiya Bhasha Madhyam se Uchch Shiksha: Chunautiyan aur Sambhavnayein) Presented** in National Seminar on 'Bhartiya Bhasha Madhyam se Uchch Shiksha: Chunautiyan aur Sambhavnayein' (Dated 10 March, 2023 to 11 March,2023) organized by Bhartiya Bhasha Samiti and Central University of Rajasthan.

- **Paper (Title-Harnessing Indian Knowledge for a Sustainable Future: A Comprehensive Analysis)) Presented** in the National Conference on 'Happiness and Sustainability Around the Globe: Implications For the SDGs' (Dated 11th October,2023 to 12th October, 2023) organized by the University School of Education, Guru Gobind Singh Indraprastha University, New Delhi.

PRESENTATION IN INTERNATIONAL SEMINARS/ CONFERENCES: 13

- **Paper (Title- Concept Mapping: An Innovative Method in Chemistry Teaching) Presented** in the international Seminar on '**Innovative Practices in Education**' (Dated - 18-19 June, 2011) organized by Heeralal Yadav Balika Degree College, Lucknow.
- **Paper (Title- Empowerment of Women Through Education) Presented** in the international Conference on '**Educational Awareness for Social sector Issues**' (Dated -24 July, 2011) organized by Singhania University and Times Institute of Management & Engineering Studies, Aligarh.
- **Paper (Title- Globalization and Indian Higher Education) Presented** in the international Conference of AIAER on '**Learning Community for Global Education Reform**'(Dated -18-20 November, 2011) organized by Institute of Professional Studies, Gwalior.
- **Paper (Title-COVID-19 and Shift to Digital Teaching) Presented** in the international Webinar on '**Outbreak of Covid-19 Pandemic: Challenges & The Road Ahead**' (Dated -31 May, 2020) organized by Govt. Raza P.G. College, Rampur, U.P.
- **Paper (Title- Study of Techno-Pedagogical Competency of Higher Secondary School Science Teachers of Kendriya Vidyalayas) Presented** in the **JTA Multidisciplinary International Conference (JTACON-2020)** (Dated-16 February -18 February,2020) organized by Jamia Teachers' Association (JTA), Jamia Millia Islamia, New Delhi.
- **Paper (Title-ICT in Teaching and Learning Process and Role of Teacher in ICT Classroom) Presented** in International Conference on '**Changing Landscape of Teacher Education**' (Dated 4-5 March,2020) organized by Department of Educational Studies, Faculty of Education, Jamia Millia Islamia, New Delhi.
- **Paper (Title- Perception of Teacher Trainees towards Online Learning during Covid -19) Presented** in International Conference on '**Contemporary Teaching Pedagogy in a Pluralistic Society**' (Dated 20-21 August, 2021) organized by D.A.V.(P.G.) College Dehradun in collaboration with Council for Educational Administration and Management (CEAM) Uttrakhand Chapter.
- **Paper (Title-The Impact of Online Learning During Covid-19: Senior Secondary Students' Perspective) Presented** in the International Webinar '**Towards Well-Being in New Normal - Social, Psychological and Emotional**' (Dated 1-2 September,2021) organized by PG Department of Psychology, Ansar Women's College in collaboration with Department of Education, Kerala University.
- **Paper (Title-Challenges of School Teachers For Teaching Science During Covid-19) Presented** in International Conference (Webinar) on '**75 Year of Journey towards Empowering Person with Disabilities: An Introspection**' (Dated- 14 September-16 September, 2021) organized by Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disability Ahmedabad in collaboration with M. B. Patel College of Education, Gujarat and Centre of Special Education, IITE.
- **Paper (Title- Organizational Resilience in the Light of National Education Policy 2020) Presented** in two day International Conference on '**Growth Resilience and Sustainability in an Uncertain World**' (Dated- 11th April-12th April,2023) organized by the Department of Economics, Central University of Rajasthan,

Ajmer.

- **Paper (Title- Nurturing 21st Century Skills In Indian Education: A G20 Perspective) Presented** in Students' two day International Virtual Conference on 'Education, Sustainability, and National Policies: Strategies, Bandwagons and Administrative Models' (Dated 29th September,2023 to 30th September,2023) organized by the Department of Educational Studies, Jamia Millia Islamia and Universitas Pendidikan Indonesia.
- **Paper (Title-India's Traditional Wisdom and Contemporary Practices for Environmental Conservation) Presented (Online)** in International Seminar on 'Azaadi ka Amritkaal: Global Welfare Through Indian Knowledge System' (Dated 7th October,2023) organized by Km. Mayawati Government Girls P.G. College, Badalpur, G.B. Nagar, Uttar Pradesh.
- **Paper (Title-Perception of Higher Education Learners Towards Online Learning Platforms) Presented** in International Conference on 'Blended Learning Approach in Teacher Education' (Dated 01 -02 December,2023) organized by Department of Education,Chaudhary Charan Singh University, Meerut in collaboration with Constatine The Philosopher University Nitra, Slovakia.

ATTENDED NATIOINAL WORKSHOPS: 13

- **Attended One week duration** Workshop entitled 'Researches in Social Sciences: Challenges and Priorities' on 3-8 February, 2010 at Faculty of Education, M.G. Kashi Vidyapeeth, Varanasi, U. P.
- **Attended one week duration** Workshop entitled 'Emerging Priority Areas in Educational Research with Special Reference to Teacher Education' on 10-17 February, 2011 at Faculty of Education, M.G. Kashi Vidyapeeth, Varanasi, U.P.
- **Attended one week duration National** Workshop entitled 'Research Methodology in Social Sciences and Humanities Exploring Interdisciplinary Perspectives' on 24-30 November, 2011 at Faculty of Social Sciences, Banaras Hindu University, Varanasi, U.P.
- **Attended one week duration National** Workshop entitled 'Research Methodology & Statistical Analysis' in association with SPSS South Asia Pvt. Ltd. on 5-10 December, 2011 at Faculty of Management Studies, Banaras Hindu University, Varanasi, U.P.
- **Attended Training —cum- Workshop** entitled 'Increasing Research Output' on 14-15 November, 2009 at Faculty of Education, B.H.U., Varanasi, U.P. Jointly organized by Alumni Association of Education, BHU and Faculty of Education, B.H.U.
- **Attended Workshop** entitled 'Writing Research Papers/Scholarly Articles' on 29-30 August, 2009 at Kishori Raman Teachers training College, Mathura, U.P. organized by All India Association of Educational Research (AIAER), Bhubaneswar.
- **Attended Workshop** entitled 'Writing Research Report' on 29th March 2010 at Institute of Education, Bundelkhand University, Jhansi, U.P.
- **Attended Workshop** entitled 'Personality Enrichment' on 26-28 March, 2010 organized by Students Council B.H.U.,Varanasi .
- **Attended Deeksharambh Workshop** on Student Induction Program for Teachers from 6th November,2019 to 8th November,2019 organized by University Grants Commission Eastern Regional Office Kolkata.

- **Three days** Workshop on Curricular Reforms in Teacher Education from 18^h November, 2019 to 20^h November, 2019 organized by Department of Educational Studies, Mahatma Gandhi Central University, Bihar.
- **Attended Online National Workshop** entitled 'Design & Develop: Audio and Video e- Resources' on 26 -28 May, 2020 organized by Teaching Learning Centre, Shri Lal Bahadur Shastri National Sanskrit University under PMMMNMTT, Ministry of Education, Government of India, New Delhi.
- **Attended Five Days Online Workshop** entitled 'Research Methodology an Initiative by MANUU UGC- STRIDE TASK GROUP 2020 on 17-21 August, 2020 organized by UGC-STRIDE Task Group 2020, Maulana Azad National Urdu University, Hyderabad.
- **Attended Three Days National Workshop** entitled 'Implementation of National Education Policy 2020' on 3rd June, 2023 to 5th June 2023 organized by M.P. Bhoj Open University in collaboration with Shiksha Sanskrati Utthan Nyas, New Delhi and Vikram University, Ujjain.

ATTENDED INTERNATIONAL WORKSHOPS: 01

- **Attended Two Days International Workshop** on 'Adoption of the Gender Green Teacher Education Programme' on 27th June to 28th June, 2023 organized by National Institute of Open Schooling (NIOS), Noida, U.P.

ATTENDED TRAINING COURSE /FACULTY DEVELOPMENT PROGRAMS/ORIENTATION COURSES: 13

- **Completed 12 days Training Course** in 'Research Methodology and Computer Applications' (Dated-7-18 September, 2009) sponsored by Indian Council for Social Science Research (ICSSR) at B.A.N.I.S.S., Mhow, Indore, M.P.
- **Participated in** Faculty Development Program on 'Nurturing Research Skills Among Teacher Educators' (Dated-16-17 January, 2015) organized by Guru Nanak College of Education, New Delhi.
- **Completed One week First Faculty Induction Program** from 13th January-20th January, 2020 organized by School of Social Science, Mahatma Gandhi Central University, Bihar sponsored by Ministry of Human Resource Development, Govt. of India.
- **Completed Online One week FDP** on 'Design and Development of MOOCs and e- Learning Technologies' from 10th -16th May, 2020 organized by Guru Gobind Singh Indraprastha University, University School of Education, New Delhi.
- **Completed Four Week online UGC Sponsored 30th Orientation Course** from 28th July- 17th August, 2020 and **obtained a Grade-A** organized by Human Resource Development Centre, Mizoram University.
- **Completed Online One week FDP** on 'Pedagogical Paradigm for education during the Pandemic Period' from 19-26 August, 2020 organized by Department of Education, Gandhigram Rural Institute, Gandhigram, Tamil Nadu.
- **Completed Online One week Interdisciplinary FDP** on 'National Education Policy and Discourse on Indian Languages' from 05-11 September, 2020 and **obtained a Grade-A⁺** organized by Mata Sundri College for Women, Delhi in collaboration with Teaching Learning Centre for Social Science, Doctor Harisingh Gour Vishwavidhyalaya under the aegis of PMMMNMTT, Ministry of Education, Government of India, New Delhi.
- **Completed Online Two week FDP** on 'ICT Based New Paradigms of E-Teaching and E- Learning: Digital Pedagogy' from 15-30 September, 2020 and **obtained a Grade-A⁺** organized by Department of Computer Science,

Mata Sundri College for Women University of Delhi in collaboration with Teaching Learning Centre, Ramanujan College under the aegis of PMMMMNMTT, Ministry of Education, Government of India, New Delhi.

- **Completed Four Week online Induction Training Program** for Faculty Members of HEIs from 20th January to 16th February, 2021 organized by Teaching learning Centre, Central University of Rajasthan under the aegis of PMMMMNMTT, Ministry of Education, Government of India, New Delhi.
- **Completed Online One week FDP** on 'Qualitative Research & Issues in Plagiarism' (an Interdisciplinary Approach) from 5th August,2021 to 11th August, 2021 organized by Sri Guru Tegh Bahadur Khalsa College, University of Delhi in collaboration with Guru Angad Dev Teaching Learning Centre under the aegis of PMMMMNMTT, Ministry of Education.
- **Completed Online One week FDP** on 'Making Online and Blended Learning Effective in light of NEP 2020' from 3 September,2021 to 9 September, 2021 organized by Department of Educational Technology, SNDT Women's University, Mumbai Teaching Learning Centre under the aegis of PMMMMNMTT, Ministry of Education.
- **Completed Online Two week Refresher Course** on 'Managing Online Classes & Co- creating M00Cs 14.0' from 7 May, 2022 to 21 May,2022 organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of PMMMMNMTT, Ministry of Education.
- **UGC approved Short-term Professional Development Program** on 'Implementation of NEP-2020 for University and College Teachers' From 09 September,2022 to 17 September,2022 organized by Indira Gandhi National Open University, Staff Training and Research Institute of Distance Education under PMMMMNMT.