

Bio- Data

Name : Sandeep Kumar
Date of birth : 02-12-1979
Designation : Assistant Professor



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EDUCATIONAL QUALIFICATION

M.Sc. (Zoology), M.Ed., NET- JRF (Education), Ph.D. (Education) from Panjab University, Chandigarh on the topic “Capacity Building and Job Satisfaction among Teachers and Academic Achievement of Students in relation to Quality Related Interventions under Sarva- Shiksha -Abhiyan in Punjab” (Awarded- 1st March, 2018).

TEACHING EXPERIENCE: 13 years

- Joined NCERT on 31st August 2023.

SEMINARS/ CONFERENCES ATTENDED

- 10- 12th December, 2010, participated in National seminar cum workshop on Role of teacher in knowledge society, sponsored by the salvation Army, India, Northern territory, New Delhi, organized by USOL, Department Political science, Panjab University, Chandigarh.
- 27- 28th March, 2014, participated in National Seminar on Swami Vivekananda’s vision on Education, Management, Leadership, Science and Spirituality, organized by Interdisciplinary centre for Swami Vivekananda Studies, organized by Panjab University, Chandigarh.
- 1st March- 2nd March, 2016, participated in International Seminar on Role of Gender in Promoting Quality Education, organized by Biyani Girls B. Ed. college, Jaipur.
- 24th November- 26th November, 2016, acted as a Rapporteur at National Conference on Science Education organized by Regional Institute of Education, NCERT, Ajmer.

- 21st November- 23rd November, 2017, participated in National Seminar on Science Education organized by Regional Institute of Education, NCERT, Ajmer.
- 27th November- 29th November, 2017, participated in National Conference on ICT in School Education organized by Regional Institute of Education, NCERT, Ajmer.
- 20th December- 22nd December, 2017, participated in National Conference on Language Education in the Age of Globalization organized by Regional Institute of Education, NCERT, Ajmer.

WORKSHOP ATTENDED

- 30th January, 2013, participated in Value workshop organized by Centre for Swami Vivekananda Studies, Panjab University, Chandigarh.
- 31st January, 2013, participated in Leadership Development workshop organized by Centre for Swami Vivekananda Studies, Panjab University, Chandigarh.
- 29th July- 5th August, 2013, participated in the Training Programme on Statistical Software SPSS, organized by the Department of Statistics, Panjab University, Chandigarh.
- 14th March- 15th March, 2016, participated in Two-day workshop with Education Functionaries/ Teacher Educators from Universities/ Institute of Northern Region to Identify Areas of Research on PE/ AE, organized by Regional Institute of Education, NCERT, Ajmer.
- 1st March, 2017, participated in one day National Workshop and Training Programme on Intellectual Property Rights organized by Regional Institute of Education, NCERT, Ajmer.
- 15th September, 2017, participated in Regional Consultation meet on Educational Discrimination NCF, 2005 and Curriculum in Private Schools organized by National Commission for Protection of Child Rights (NCPCR) in Regional Institute of Education, NCERT, Ajmer.
- 11th December- 12th December 2017, participated in National Workshop on Survey Research Design organized by Haribhau Upadhyaya Teachers College for Women (C.T.E), Hatundi, Ajmer.

PAPERS/ POSTERS PRESENTED

- 17th February, 2010, presented paper on **Constructivism- A self learning approach**, in National Seminar on Innovations in Teaching and Learning organized by Moga college of Education, Moga.
- 12- 13th November, 2010, presented paper in **World conference of AIAER** on professional development of teachers and teacher educators organized by Lovely Professional University, Jalandhar.

- 15- 17th November, 2010, presented paper on **Emotional quotient: Enhancing quality of work life** in International conference on Enhancing human potential: Bio-Psychological perspectives organized by Panjab University, Chandigarh.
- 22nd February, 2011, presented paper on **Changing role of teacher in technological era** in National seminar on Technology Implementation in classroom teaching organized by Department of Education, Panjab University, Chandigarh.
- 3rd March, 2011, presented paper on **Educational Media- Role in Society**, in Third Social Science Congress at Panjab University, Chandigarh.
- 7th March, 2011, presented paper on **Community college: Concept and practicability** in National Seminar on Partnering for optimum utilization of resources for education: Institutions and community, sponsored by SAP, Department of Education, Panjab University, Chandigarh.
- 8- 9th March, 2011, presented paper on **Experiments in Blended learning- A way to sustainable development** in National seminar on Distance education and national mission of education through ICT for sustainable development organized by USOL, Panjab University, Chandigarh.
- 24- 25th February, 2012, presented paper on **Social learning: A means of personality development** in International conference on Applied Psychology by Panjab University, Chandigarh.
- 16- 17th March, 2012, presented paper on **Educating adolescents: India's effort** in National seminar on Adolescents' dilemmas: A challenge organized by Department of Education, Panjab University, Chandigarh.
- 22nd March, 2013, presented paper on **Need to change B. Ed curriculum: A view point** in National seminar on Reviewing and restructuring teacher education curriculum for future teachers organized by College Development Council, Panjab University, Chandigarh.
- 19- 21st October, 2015, presented paper on **Yoga in School and Daily life** in 3rd World Congress on Excellence, organized by International Society of Mental Training for Excellence held at Panjab University, Chandigarh.
- 19th February, 2016, presented paper on **SSA Interventions to enhance Capacity Building Skills of Teachers of Punjab** in National Seminar on Life Skills Education: Need of the Hour on held at Guru Nanak College of Education, Ludhiana.
- 22nd April, 2017 presented paper on **Learning Enhancement Programme- Parho Punjab for Inclusive growth of students of Punjab** in National Seminar on Women Empowerment and Inclusive Growth held at Syon College, Abohar.
- 21st February, 2020 presented paper on **Attitude of Pre- Service Teachers Towards Science Teaching in 21st Century Classroom** in International Conference on Education in the Twenty First Century held at Regional Institute of Education, Bhubaneswar.

- 20th February, 2021 presented paper on **4- year Integrated B.Ed. Programme: Administrative Concerns in India** in regional conference on Teacher Education and National Education Policy- 2020 held at Central University of South Bihar, Gaya.
- 10th July, 2021 Presented paper on **Integration of Curricula and Pedagogy in Teacher Education for 21st Century Teachers: Challenges and Concerns** in National Conference on Reimagining Teacher Education: Roadmap of NEP-2020 held at Mohanlal Sukhadia University, Udaipur.
- 25th March, 2022 presented paper on **Education for Sustainable Development: Achieving Sustainable Development Goals** in National Conference on Sustainable Development Goals: Teacher Education Programmes held at Central Academy Teacher Training College, Ajmer.
- 30th July, 2022 presented paper on **Role of Blended Mechanism on Developing 21st – Century Skills among Students: Insights from Literature Review** in International conference on Education Outside the Classroom held at BITS- Pilani, K. K. Birla Goa Campus.
- 10th December, 2022 presented paper on **Gamification- A Digital Learning Initiative in the Teaching Learning Process** in National Conference on Indian Education System: A Digital Shift held at J.S. Hindu (P.G.) College, Amroha.
- 3rd February, 2023 presented paper on **Escape Room- An Innovative Pedagogy in Education- A Systematic Review** in National Conference on Shifting Focus in School Curriculum: From Content Based Learning to Competency Based Learning held at North East Regional Institute of Education, Shillong.

ORIENTATION AND REFRESHER COURSE ATTENDED

- Completed **One-month online Faculty Induction Programme** from 1st to 20th September, 2021 organized by UGC- Human Resource Development Centre, University of Hyderabad.
- Completed **Two weeks online Refresher Course on Computational Social Science** from 30th January to 11th February, 2023 organized by UGC- Human Resource Development Centre, University of Hyderabad.

PAPERS PUBLISHED

- Kumar, S., & Grover, J. (2013). Study of Sarva Siksha Abhiyan Interventions in Punjab, *Rayat Bahra Journal of Education*, 1 (2), 47- 59, ISSN 2278-7232.
- Kumar, S., & Grover, J. (2014). Sarva Shiksha Abhiyan in Punjab: Scholastic Achievement of Second Standard Students, *International Educational E- Journal, {Quarterly}*, 3 (2), 139- 149, Online ISSN 2277-2456.
- Kumar, S., & Grover, J. (2017). Sarva Shiksha Abhiyan Interventions: Study of Scholastic Achievement of Students of High and Low Literacy Rate Districts of Punjab,

Educational Quest: An Int. J. of Education and Applied Social Science, 8 (1), 1- 6, Online ISSN: 2230-7311.

- Kumar, S., & Grover, J. (2019). Job Satisfaction of Primary School Teachers in Punjab. *International Journal of Research and Analytical Reviews*, 6 (2), 56- 62, ISSN: 2348-1269. UGC Journal Number 43602.
- Kumar, S., & Kumari, A. (2022). Mental Health, and Study Habits of Prospective Teachers in Corona Pandemic Situation. *International Journal of Creative Research Thoughts (IJCRT)*, 10 (10), c914- c923.
- Kumar, S., & Kumar, R. (2022). A Study of Anxiety and Self- Concept among Prospective Teachers. *International Journal of Novel Research and Development (IJNRD)*, 7 (10), b215- b222.
- Halder, R., & Kumar, S. (2022). Antecedents and Consequences of Academic Engagement of Students. *International Journal of Current Research in Education*, 6 (2), 98-103,
- Tamra, P., & Kumar, S. (2023). Efficacy of Digital Escape Rooms in Higher Education: A Comprehensive Review. *Research Highlights*, 10 (3), 84-90.
- Tamra, P., & Kumar, S. (2023). Educational Escape Room: A Shift from Traditional Classroom. *Shodh Sindhu*, 9 (1), 168-179.

DEVELOPMENT

- Designed curricula for the Course Educational Management, Administration and Leadership for M.Ed. Programme at Central University of South Bihar, Gaya.
- Designed curricula for the Course Psychological Testing for M.Ed. Programme at Central University of South Bihar, Gaya.
- Designed curricula for the Course Education for Sustainable Development for M.Ed. Programme at Central University of South Bihar, Gaya.
- Designed curricula for the Course Pedagogy of Science Education for M.Ed. Programme at Central University of South Bihar, Gaya.
- Designed curricula for the Course Internship on Area of Specialization- Science Education for M.Ed. Programme at Central University of South Bihar, Gaya.
- Designed curricula for the Course Internship in Teacher Education Institutions for M.Ed. Programme at Central University of South Bihar, Gaya.

RESEARCH GUIDANCE: 7 M.Ed. Dissertations

CO- CURRICULAR ACTIVITIES

- ❖ Member of the committee constituted to pay surprise visits in the Boys and Girls Hostels respectively to inspect the food at Panjab University, Chandigarh in 2012.
- ❖ Member of the committee to interview the Messes/ Canteens and Shops Contractors of the University Hostels at Panjab University, Chandigarh in 2013.
- ❖ Participated in 7-day NSS camp organized by Panjab University, Chandigarh in connection with the theme “Youth for Healthy and Clean India” from 30.12.2013 to 05.01.2014
- ❖ Invigilator in the examination organized by RIE, Ajmer for the classes of B. Sc., B.Ed. on 07.09.2015.
- ❖ Acted as Paper Coordinator for classes B.Ed. I (Environmental Education), B.Sc. B.Ed. IV (School Management) (Session, 2015- 16).
- ❖ Member of team to organize Election of office bearers of different houses dated 07.10.2015.
- ❖ Member of Stage Decoration Committee in the Inter-House Cultural Competition organized on 1st and 2nd December 2015
- ❖ Performed duty of scrutinizing the M. Ed. Dissertation for any discrepancy in the session 2015- 16.
- ❖ Completed and Qualified in the First Aid Training Programme conducted by the St. John Ambulance Association, District Branch, Ajmer at the Ajmer Red Cross Centre on 12.09.2015.
- ❖ Member of Committee constituted for screening the application forms of the candidate appearing for walk-in interview for the post of Computer Assistant, Counselor, PGT Engineering Graphics, Assistant Professor in Extension Education and Mathematics (on a contract basis) on 14.12.2015.
- ❖ Member of Committee constituted for screening the application forms of the candidate appearing for walk-in interview for the post of Female Compounder and Medical Officer (on contract basis) on 18.12.2015.
- ❖ Team Manager of the Football Team to participate in the Inter College competition under Maharshi Dayanand Saraswati, Ajmer on 8- 11 December 2015.
- ❖ Assistant Warden (Tilak Hostel, Boys) from 13th January, 2016- 31st March, 2016.
- ❖ Acted as Facilitator in the presentation of model lessons by M. Ed. students followed by Presentation by B. Ed. trainees in peer groups from 15th January 2015- 28th February 2016.
- ❖ Acted as Facilitator in the Report presentation session by M. Ed. I Year students on Fieldwork on 17.03.2016.

- ❖ Completed and Qualified in the First Aid Training Programme conducted by the St. John Ambulance Association, District Branch, Ajmer at the Ajmer Red Cross Centre on 21.09.2017.
- ❖ Represented DAV University, Jalandhar as Team Manager at MMU, Mullana for the Fest ‘UNIVERSUMM- 2018’ from 27th – 30th September 2018.
- ❖ Represented DAV University, Jalandhar as Contingent in-charge at the 34th North Zone Inter University Youth Festival organized by Panjab University, Chandigarh in collaboration with the Association of Indian Universities, New Delhi from 27th – 31st December 2018.
- ❖ Assistant Warden (H B Hostel, Boys), Session 2019- 2020 at Regional Institute of Education, Bhubaneswar.
- ❖ Co-coordinator in the Three-Day National Workshop on ‘**Pedagogical and Assessment Practices in Mathematics at School Level**’ organized from 1st March 2021 to 3rd March 2021 through online mode by the School of Education, Central University of South Bihar, Gaya under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme of Ministry of Education, Govt. of India.
- ❖ Co-coordinator in the Three-Day National Training-cum-Workshop on ‘**Pedagogical Practices for Inclusive Education in Schools**’ organized from 12th March 2021 to 14th March 2021 through online mode by School of Education, Central University of South Bihar, Gaya under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme of Ministry of Education, Govt. of India.
- ❖ Coordinator- Eco Club in (2021-2023) at Central University of South Bihar, Gaya
- ❖ Coordinator- Science Laboratory in (2021-2023) at Central University of South Bihar, Gaya
- ❖ Coordinator- Building Maintenance, Utilization, and Beautification in (2021-2023) at Central University of South Bihar, Gaya

CHAPTER IN BOOK

- ❖ Kumar, S., & Grover, J. (2013). Information and Communication Technology in Education in Modern Era in S. Neena, & S. Bansal (Eds), *Research and Technology in 21st Century Education*, (pp. 17- 38). Patiala: Twenty Century Publication, 978-93-80144-47-4
- ❖ Singh, N., & Kumar, S. (2021). Implementation of Teacher Education as Envisioned in NEP 2020 in *National Education Policy: 2020- Implementation*. Udaipur: Apex Publishing House.
- ❖ Singh, N., & Kumar, S. (2023). National Education Policy 2020: Changing Indian Education System and Early Childhood Care and Education in Mehar, R. (Ed.), *National Education Policy 2020: A Vision for New Horizon* (pp. 34- 44). Delhi, Chanakya Publication and Distributors, 978-81-938877-2-1

LANGUAGES KNOWN

- ❖ Hindi, English, Punjabi.

(Sandeep Kumar)