



**Dr. Manisha Singh, Assistant Professor
Faculty of Education, Integral University,
Lucknow.**

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Career Objective

As an aspiring Assistant Professor of Education, my career objective is to leverage my academic background and professional expertise to foster an innovative, inclusive, and engaging learning environment. I aim to contribute to the academic community through impactful research, effective teaching, and dedicated service. I seek to inspire and mentor students, equipping them with the knowledge and skills necessary for their personal and professional growth. My goal is to support the institution's mission of academic excellence and holistic student development, ultimately shaping future educators and leaders in the field.

Work Experience

- **Assistant Professor (Full-time)**, Faculty of Education, Integral University, Dasauli, P.O. Bas-ha Kursi Road Lucknow-226026, Uttar Pradesh, India (27-04-2023 to Present)

Academic and Administrative Responsibilities

Course Developer and Co-ordinator

- Developed and Co-ordinated Value Added Course (VAC) entitled “Empowering through Digital Education” (2023) and “Life Skills: Empowering Your Journey to Success” (2024).
- Organized multiple guest lectures, webinars, seminars, and workshops with notable events such as Seminar on “Role of Value based Education towards creating a Progressive Society”, “Workshop on Stress Management” (2023) and National Workshop on “Exploring Innovative Teaching Learning Resources for Quality Teaching” (2024).
- Designed and organized multiple activities under the aegis of United Nation Academic Impact Principles (UNAI) in the session 23-24, with notable event such as an exhibition in collaboration with Asha Jyoti School (School for specially-abled students) entitled “Believe in Hope: Art for a Cause” (2023).

Co-curricular Coordination:

- University level debate competition on “The power of the people: Is Democracy the best

form of Governance” at Integral University, Lucknow.

- University level E-Poster Making Competition on “Promoting Peace and Brotherhood” at Integral University, Lucknow.
- Online Quiz Competition to mark birth anniversary of Mahatma Gandhi and Lal Bahadur Shastri at Integral University Lucknow.

Administrative Roles:

- NAAC Criteria 1 Member (Integral University, 2023-Present)
- Developed and revised curriculum for B.Ed., M.Ed., and Ph.D. courses (Integral University)

Key Competencies and Skills

- Demonstrated expertise in research and practice-driven teaching
- Proficient in the latest pedagogical techniques
- Utilized engaging delivery methods and developed appropriate assessments
- Regularly reviewed and improved curriculum
- Actively engaged in scholarly activities
- Published peer-reviewed articles
- Provided academic guidance and career planning support to students
- Exhibited excellent proficiency in English for effective teaching and communication
- Integrated web-based and digital technology into the classroom
- Worked on collaborative research and professional accomplishments

Academic Qualification

- **Ph.D. in Education**, Babasaheb Bhimrao Ambedkar University, Lucknow, UP (2023)
- **M.Ed., First Division**, University of Lucknow, Lucknow, UP (2018)
- **B.Ed., First Division**, Isabella Thoburn College, Lucknow, UP (2015)
- **M.Sc. (Chemistry), First Division**, University of Lucknow, Lucknow, UP (2014)
- **B.Sc. (Mathematics), First Division**, Isabella Thoburn College, Lucknow, UP (2012)

Thesis/Dissertation

- **PhD in Education; Title of Thesis-** “Humanising Epistemic Pedagogic Discourses in Science Education”.

Supervisor- Prof. Arbind K Jha, Professor, School of Education, IGNOU, New Delhi.

- **M.Ed.; Title of Dissertation-** “A Study of Contributions of Sister Nivedita to the women education, women empowerment and Reawakening of Nationalism in the Indian Renaissance”.

Supervisor- Prof. Nupur Sen, Faculty of Education, University of Lucknow, Lucknow, Uttar Pradesh, India

Academic Achievement

- Qualified UGC JRF-NET (Education) in 2018

- Qualified CTET-CBSE for Upper Primary Level (Teaching of Science) in 2015
- Qualified UPTET-Uttar Pradesh for Upper Primary (Teaching of Science) in 2019
- Qualified TGT Science-Uttar Pradesh Madhyamik Shiksha Parishad in 2020

Academic Award

- Qualified TGT Science-Uttar Pradesh Madhyamik Shiksha Parishad in 2020
- Recipient of the Gold Medal for scoring highest marks in the B.Ed. Examination, University of Lucknow 2015.
- Ggghj

Other Achievements

- Received First Prize for paper presentation titled “Redefining Science Education through STEAM” in the 4th International Conference "Developing New India Through Science, Social Science, Humanities & Research" 2022 organized by IMHRC and Shia PG College, Lucknow.
- Secured Grade O in Nature of Science and Science Education (E11) which is a 2 credit course from the Reflective Teaching with ICT (Courses for Teachers) programme April-June 2023 organized by TISS, Mumbai.
- Received Certificate on Online Training Program on Google for Education Tools by upEducators and Google for Education Partner.

Programs Taught

- Master of Education (M.Ed.)
- Bachelor of Education (B.Ed.)
- Diploma in Elementary Education (D.El.Ed.)
- Post Graduate Diploma in Educational Management and Administration (PGDEMA)
- Post Graduate Diploma in Value Education (PGDVE)
- Diploma In Early Childhood Care and Education (DECCE)

Teaching Areas of Interest

- Educational Research Methodology and Educational Statistics
- Psychology in Education
- Educational Technology/ ICT in Education/ Technological Interventions in Education
- Assessment of Learning
- Measurement and Evaluation
- Textbook and Curriculum Development
- Organising Child Care Services
- Values in Teaching Profession
- Pedagogy of Physical Science
- Pedagogy of Mathematics
- Chemistry

Research Interests

- Epistemology of Science
- Pedagogy of Science
- Science Education
- Feminist Epistemology
- Gamification in Science Education
- STEAM Education
- AI and Education
- Humanistic Science education
- Humanism and Education
- Education for Happiness
- Lifelong Learning
- Multimodal Practices in Education
- Constructivism
- Soft Skills in Education
- Critical and Problem-Solving Skills and Learning
- Technology and Education
- Resilience Among Students
- Inclusive Education and Teacher Training

Publications

Research Papers in Journals

1. **Singh, M.** & Jha, A. (2022). Revisiting Paradigms of Science Education in the New World of Covid-19. *Education India: A Quarterly Refereed Journal Of Dialogues On Education*, 11(1), 1-7. ISSN 2278-2435
2. **Singh, M.** & Jha, A. (2022). Amalgamation between Science Education, Computational Thinking and Visual Representation Model. *Education India: A Quarterly Refereed Journal Of Dialogues On Education*, 11(2), 1-7. ISSN 2278-2435
3. **Singh, M.** & Jha, A. (2020).Redefining Education Through Humanism. *International Journal of Multidisciplinary Educational Research*, 9(7), 47-55, ISSN 2277-7881.
4. **Singh, M.** (2020). Moving Ahead with Times: Gamification in Science Education. *AJANTA International Multidisciplinary Quarterly Research Journal*, 9(2), ISSN 2277-5730
5. **Singh, M.** (2022). Just Select, Click and Access- Through E Learning a Raising Tide to Lift All Boats. *Research Discourse*, XII(III), 36-39, ISSN 2277-2014

Book Chapters

6. Shagufta, N. A. & **Singh, M.** (2024). Redefining Education through Resilience- Post COVID-19. *Academic Resilience: Issues, Challenges and Strategies*. ISBN: 978-93-5857-457-9
7. **Singh, M** (2021). New Media Redefining Education- To create a New World. *Advancing Research for Innovation, Sustainability and Enhancement*. ISBN 978-93-91303-22-8.

Papers Presented in International/ National Conferences/ Seminars/ Symposia

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8. **Transformative influence: Exploring the perceptions of AI's impact on the Mental Health and Well-being of University**; International Conference on Multidisciplinary Perspective Towards Sustainability in the Era of Artificial Intelligence (ICMPSAI), March 5-6, 2024, Integral University, India.

9. **Game On: Enhancing Scientific Education through Playful Approaches**, International conference on Educational Technology and Global Sustainability(ICETGS-2024), February 02-03, 2024.
10. **Towards Developing New India by redefining Science Education through STEAM**; International Conference on Developing New India Through Science, Social Science, Humanities & Research, Shia PG College, 29-30 October, 2022.
11. **New Media Redefining Education - To Create a New World**; International Conference on Advancing Research for Innovation, Sustainability and Enhancement, September 24-26, 2021.
12. **A Comparative Review of Parameters of World Ranking System with Institute Of Eminence w.r.t Gopal Swami Committee**; National Seminar on Policy perspectives and emerging issues in higher education, BBAU Lucknow on February 23-24, 2019.
13. **STEAM: A Pedagogical Innovation to Redefine Science Education**; National seminar on Revamping Teacher Education in the Context of NEP-2020, BBAU Lucknow on May 5, 2022.
14. **Science Education with a Humanistic twist**; International Multidisciplinary conference on Research and Development in Dynamics Times, Virtual July 22-24,2020.

Professional Development

I. Participation in Refresher Courses/ Faculty Development Programmes/ Induction Programmes/ MOOCs/ Short Term Courses

1. **Short term course on Curriculum and Pedagogy of Teacher Education**, Azim Premji University, June 3-8, 2024.
2. **4 Week MOOC course on Balanced Thinking for Sustainable Health: Overthinker to Thought Leader**, UNESCO OE4BW Project, April-July, 2024.
3. **7-days FDP on “Indian Knowledge System: Integral Epistemology And Integrative Approaches”**, Amity School of Languages, Amity University Chhattisgarh, June 18-24, 2024.
4. **Refresher Course on Empowering Teacher Educators: Creative Teaching Approaches to Engage with Learners of Generation Z**, Integral University, October 14-December 2nd,2023.
5. **FDP on 'NEP 2020 Orientation & Sensitization Programme' on "Skill Development and Indian Knowledge System"** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organised by MMTTC, Central University of Haryana, Mahendergarh (India) from December 18, 2023 to December 28, 2023.
6. **Short Term Teacher Education Programme on Nature of Science and Science Education**, TISS Mumbai, April-June 2023.
7. **Sixteen Days Faculty Development Programme on “Basics of Research”** organised by the Indian Teacher Education Community in collaboration with Rosary College Commerce and Arts, Goa from May 20- June 4, 2021.
8. **Two weeks International Faculty Development Programme on “Accreditation Awareness and Planning**, Holy Cross College, Agartala and Special Minds from April 16 – 29, 2022.
9. **Two weeks International Faculty Development Programme on “Teaching Efficacy”** executed by St. Joseph University, Nagaland and Special Minds from February 14-27, 2022.

II. Participation in Workshops/ Seminars/ Conferences/Webinars

1. **Two week’s workshop on Quality teaching through Micro-teaching Skills**, Integral University, March 12-27th,2024.
2. **International Conference on Multidisciplinary Perspective Towards Sustainability in the Era of**

Artificial Intelligence (ICMPSAI), March 5-6, 2024, Integral University, India.

3. **National Symposium on Intellectual Property Rights in Industry and Academia**, Integral University, Lucknow, April 25, 2024.

4. **Two week's International Workshop on Higher Education Quality Enhancement: Pedagogical Reforms**, Integral University, August 28th -September 14th , 2023.

5. **Two days workshop on Artificial Intelligence in teaching and research**, Integral University, Lucknow, November 29-30, 2023.

6. **ICSSR Sponsored National Workshop on Research Methodology in Social Sciences** organised by the Department of Education, School of Education, BBAU Lucknow, from October 15-24, 2019.

7. **National Workshop on Anti-Plagiarism in Research** organised on August 3rd, 2019.

8. **National Level online workshop on “Digital Teaching for Smart Learning”**, organised by TITUS II Teachers College, Kerala, from April 27-May 3, 2020.

III. Expert/ Resource Person/ Session Chair/ Head of Session

1. Delivered 04 guest lecture on **Pedagogy of sciences**, Amity Institute of Rehabilitation Sciences, Amity University Lucknow Campus, March 21-22, 2024.
2. Delivered 04 guest lecture on **Pedagogy of social sciences**, Amity Institute of Rehabilitation Sciences, Amity University Lucknow Campus, March 23, 2024.
3. Delivered lecture on **‘Historical Research in social science’**, Bhartiya Shiksha Shodh Sansthan, Lucknow, August 2023.

IV. Membership in Institutes/ Organizations/ Societies

1. Member, Alumni Association, Isabella Thoburn College, Lucknow (From 2015).

Language Proficiency

- English- High proficiency in speaking/reading/writing
- Hindi- High proficiency in speaking/reading/writing

Academic Links

- **Google Scholar ID:** <https://scholar.google.com/citations?user=ek6NVzwAAAAJ&hl=en>
- **ResearchGate:** <https://www.researchgate.net/profile/Manisha-Singh-92>
- **ORCID ID:** <https://orcid.org/0000-0003-1710-2786>