

Curriculum Vitae

Title		First Name	Susmita	Last Name	Ram	
Designation	Associate Professor					
Department	Elementary Education					
Institutional Email Address	sram@jmc.du.ac.in					
EDUCATION						
Degree	Institution	Year	Details			
PhD	Faculty of Education, Univ. Of Delhi	2004	Science teaching in classrooms and its Implications for the Teacher Education Programme			
MPhil	Faculty of Education, Univ. Of Delhi	1993	An Assessment of the Representation of Science in the NCERT Upper Primary Science Textbooks			
CAREER PROFILE						
Organisation / Institution	Designation	Duration	Role			
Department of Education, Lady Irwin College, New Delhi	Assistant Professor(temporary)	1 yr	Teaching and supervising lessons			
Department of Elementary Education, Jesus and Mary College, New Delhi	Assistant Professor (ad-hoc)	7 yrs	Teaching and supervising lessons			
Department of Elementary Education, Jesus and Mary	Associate Professor					

College, New Delhi		20 yrs	Teaching and supervising lessons
AREA OF INTEREST : Science Education Environmental Studies Education			
TEACHING EXPERIENCE (Subjects/Courses taught) I. Core natural Science II. Pedagogy of Environmental Studies III. Planning and Internship IV. Methodology of teaching Integrated Science - V Environment Studies			

PhD (Supervised) MPhil (Supervised) Nil
HONORS & AWARDS
I.
PUBLICATION DETAILS
Books: - Chapter in Ramanathan S. 2002. “Revitalising Lesson Planning: A Case for a Unit Plan Approach- EVS in the Primary School”, Reflections on Lesson Planning, IASE, University of Delhi. Journal Articles: - Ram, S; Nair, B G; and Chhatpar, H S, 1984, Phosphate mediated changes in fatty acid composition of <i>Neurospora crassa</i>, (<i>Neurospora Newsletter</i>) /<i>Fungal Genetics Reports</i>, vol 31, p28 Print ISSN: 1941-4757 https://www.researchgate.net/publication/314782910_Phosphate_mediated_changes_in_fatty_acid_composition_in_Neurospora_crassa - Ram, S; Nair, B G; and Chhatpar, H S (1985), Phosphoregulation of some enzymes from <i>Neurospora crassa</i>, (<i>Experientia</i>,) / <i>Cellular and Molecular Life Sciences</i> 40(12):1382-1384. https://www.researchgate.net/publication/16956058_Phoregulation_of_some_enzymes_from_Neurospora_crassa, ISSN: 1420-682X (Print) doi:10.1007/BF01951900 - Ramanathan, S and Siddiqi, N (1994), Representation of Science in Upper Primary Science Textbooks, <i>Indian Educational Review</i>, 29 (1), p 1-12. ISSN: 0972-561X (Print) - Ram, S; Varghese, J., and Lal, J. P. 2023, Aspirations and Barriers: Marginalised women in Delhi's Urban Slums, <i>Antyajaa: Indian Journal of Women and Social Change</i>, 8(1-2), p 7-26. ISSN: 2455-6327 - Ram, S., Verma, V., & Varghese, J., (2024) Development in Early Stages of Children with Special Needs in Contemporary Education: Concerns, Challenges and Pathways, <i>International Journal of Advanced Education and Research</i>, 9 (3). ISSN :2455-5746 - Ram. S, 2026, Doing Activities in Science: A study of middle school classrooms, <i>Journal of Advances and Scholarly Researches in allied Education (JASRAE)</i>, vol. 23(1), p 1115–1145,

Jan. 2026, doi: 10.29070/38wa5w76. ISSN:2230-7540

7. Ram, S. (2026). Developing awareness and acceptance of multiple religions among preservice elementary teachers. *New Frontiers in Education: International Journal of Education and Research*, 59(1), 82–96. ISSN: 0972-1231
8. Ram, S., 2026, Teaching the children of the Marginalised, *Journal of Advances and Scholarly Researches in allied Education (JASRAE)*, vol. 23 (2), p 539–562, Apr. 2026, doi: 10.29070/99a7q486. ISSN:2230-7540
9. Ram, S., 2026, Using Science Textbooks in Classrooms, *International Journal for Multidisciplinary Research (IJFMR)*, 8(4), p 1-16. ISSN: 2582-2160
10. Ram, S., Verma, V., & Varghese, J (2026) Artificial Intelligence for Inclusive Classrooms: Opportunities and Challenges in Teacher Preparation. *International Journal for Research Trends and Innovation*, 11 (7), a453–a460. <https://doi.org/10.56975/ijrti.v11i7.214054> (Peer-reviewed | ISSN: 2456-3315
11. Ram, S., 2026, The Novice Teacher, *Global Thought*, 41, p 93. ISSN: 2456-0898

Newspaper Articles:

Papers presented in Seminars/conferences:

Poster Presentation at Scientific Meetings

1. Ram S. and Chhatpar H.S. 1983. “Light mediated changes in *Nuerospora crassa*” in 24th annual meeting, Association of Microbiologists of India (AMI), Hyderabad.
2. Ram S., Nair B.G. and Chhatpar H.S. 1984. “Phosphate mediated biochemical changes in *Nuerospora crassa*,” in 52nd Annual Meeting, Society of Biological Chemists (SBC), Pune
3. Ramanathan S. 2000. “Experiences of Classroom Teaching – Ideal and the Real” at the National Conference of Science Teaching and Research in the 21st Century: An Indian Perspective, Mahila Mahavidyalaya, Banaras Hindu University, Varanasi. 29-30 March.

National Workshops and Seminars Organised:

1. Seminar on Assessment Practices and Issues in Higher Education, 10/2022
2. Education or Psychological manipulation? Reasons for Mixed Feelings about Social and Emotional Learning, 3/2023.

Talks/Lectures:

1. Was a panelist , panel discussion-cum-workshop on “lesson Planning—The Core of Teacher Education, at Institute of Advanced Studies in Education, Department of Education, University of Delhi, 16 March, 2001.
2. Resource person for Faculty development Programme, held at Department of Education, University of Delhi
 - Paper P3.3, Pedagogy of Environmental studies in 1998 and 1999.
 - SC3.1 & 3.2, Material Development Practicum, in 1999.
 - Paper C1.3, Core Natural Science.
3. Resource person for Faculty Development Programme, held at Department of Education, University of Delhi on Sept. 22, 2000 on School internship for the IV year. Spoke on Integrating Projects during the fourth Year Internship Programme.

Participation as Resource Person:

1. Was a resource person in a workshop for “Development of Resource Material in Science for the Upper Primary stage” held at NCERT, March 29- April 2 1993.
2. Was a resource person in a workshop for “Development of Resource Material in Science for the Upper Primary stage” held at NCERT, 7-11, February 1994.
3. Was a resource person in a NCERT Programme “Attainment of (Science process) Performance skill for the Upper Primary Stage—A Pilot’s Study”, held at NCERT, 20-24 march, 1998.
4. Resource person for Pedagogy of Environmental Education for National School of Drama, Tripura, 2013.
5. Was a resource person of the committee looking into the syllabus of Early Childhood Care

and Education, National Council for Teacher Educators (NCTE), 2015-16, India.

6. Participated in the Fourth International Conference on Environmental Education, November 26-28, 2007 at the Centre for Environment Education, Ahmedabad, India. Was a steering committee member in the working group session "Roadmap for Creating a Research Foundation to Support the Decade of Education for Substantial Development."

OTHER DETAILS

Preparation of Teaching Material:

1. Ram, S. and Sen, R. S. 2018

Post Graduate Diploma in Early Childhood and Foundational Stage Education (PGDECFE)

Block 5 Curriculum and Pedagogy for 'World around Us' and Block 6: Curriculum and Pedagogy for the curricular area 'World round Us', Units 23-32.

<https://egyankosh.ac.in/handle/123456789/99729>

2. Conceptualisation of Project work for the Post Graduate Diploma in Early Childhood and Foundational Stage Education (PGDECFE)
<https://egyankosh.ac.in/handle/123456789/100935>, 2018.

3. Have served as member, Committee for Construction of Liberal Option Course for Biology, in the B.El.Ed Programme.

4. Have served as member, Committee for restructuring the M.Phil. course on "Science, Society and Education", in the Department of Education, University of Delhi, 2001.

Research Projects:

1. Worked on the UNESCO project "pre-school education in Lady Irwin College to evaluate the work done by the Rajasthan SCERT, 1984
2. CSIR Junior Research Fellow for two years (1984-86) at the Tissue Culture Laboratory, Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore, worked on Tissue culture of tamarind and Grape.

Membership in Professional Bodies:

1. Served as a member of the Committee of Courses, Faculty of Education, University of Delhi twice.2014-2017.
2. Served as Member, Faculty of Education, Dept. of Education, University of Delhi twice.2024 till date.
3. Member of Executive Committee, CIE Alumni, March 2021.
4. Life member of Indian Association of Teacher Educators, Dept. of Education since 1995.

Orientation and Refresher Courses:

1. Orientation Programme about Elementary Education, July 21-26, 1997 at Centre for Professional Development in Higher Education, Univ. of Delhi.
2. UGC sponsored Orientation Programme, Dec 28,2006-Jan 24, 2007 at Centre for Professional Development in Higher Education, Univ. of Delhi.
3. UGC sponsored Refresher Course in Education, April 15-May 5,2009 at Academic Staff College, Jamia Millia Islamia, New Delhi.
4. UGC sponsored Refresher Course in Education, June 6-25, 2011, Centre for Professional Development in Higher Education, Institute of Lifelong Learning, Univ. of Delhi.

Field Work:

As part of School Internship Programme, Ph.D. programme and Projects undertaken