



Miranda House

UNIVERSITY OF DELHI

Name: Dr. SUNANDA SAINI

Department: ELEMENTARY EDUCATION

Current Designation: ASSISTANT PROFESSOR

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Academic Qualifications : M.Sc., NET

Research Degree(s) : Pd.D, M.Phil

Field of Specialization under the Subject/Discipline:

Mathematics Education, ICT(Information and Communication Technology)

Total Teaching Experience: 18 years

Teaching at Miranda House since: 12th December, 2023

List of Publications :

- ◆ Awareness and Use of Free/Open Software for Science and Mathematics Education, *International Journal of Humanities Social Sciences and Education (IJHSSE) ISSN No. 2349-0381*, Vol-3, Issue-11, November 2016
- ◆ Use of ICTs in Relation to Technology Competence: A Study of Secondary School Teachers, *AITEA International Journal of Education and Humanities (ISSN – 2231-380X)*, Vol-4, Issue-8, April-September 2014.
- ◆ Teachers' Morale and Effective Use of Information And Communication Technology (ICT), *Ambikeya journal of Education, ISSN 0975-9735*, Vol-5, No. 01, February 2014.
- ◆ Achievement Motivation of Rural and Urban Secondary School Students in Relation to their Emotional Intelligence, *AITEA International Journal of Education and Humanities (ISSN – 2231-380X)*, Vol-4, Issue-6, April-September 2013.



Miranda House

UNIVERSITY OF DELHI

- ◆ ICT Use by Secondary School Teachers in Relation to their Attitude towards ICT, *Researcher's Voice* ISSN No. 2231-6310, Vol-3, Issue-1, April 2013- September 2013.
- ◆ Use of Information And Communication Technology (ICT) & Teacher, *Ambikeya journal of Education*, ISSN 0975-9735, Vol-4, Issue-2, August 2013.
- ◆ Achievement Motivation of Male and Female Secondary School Students in Relation to their Emotional Intelligence, *Researcher's Voice* ISSN No. 2231-6310, Vol-2, Issue-2, October 2012- March 2013.

Membership Of Professional Bodies :

Centre, Comparative Education Society of India, Indian Association of Teacher Educator (IATE), All India Association for Educational Research (AIAER), All India Teacher Educator Association AITEA.

Administrative Responsibilities (reverse chronological order):

Examination In charge, Representative of Women Cell of the College, Convener of Admission Committee, Teaching Practice In charge, Member of Placement Cell, Over all In charge of Annual Function.

Invited talks/Session chair/Resource person (reverse chronological order):

Session taken for 'Certificate Course in Pedagogy of School Education(CCPSE)' on topic 'Importance of Research for Emerging Educational shift' on 25th August 2024 (Sunday) for one hour organized by Delhi Teachers University, Delhi

Conferences Organised (reverse chronological order):

Organizer of National Seminar on Faculty Enrichment in Societal Development held on 23-24 January 2013.

Seminars/Workshops/Conferences attended (reverse chronological order):

- Participated in 4-Week Faculty Induction/Orientation Programme on "Faculty in Universities/Colleges/Institutes of Higher Education" from 22 January – 20 February, 2024.
- Participated in NEP Orientation & Sensitization Programme from 18th June 2024 to 27th June 2024.
- Participated in Mathematics Webinar on "Talking Science to Mathematics Teachers" organized by the Mathematics pedagogy unit of St. Xavier's Institute of Education held on March 27, 2021.
- Participated in Mathematics Webinar on "Teaching Mathematics with a Multidisciplinary Perspective" organized by the Mathematics pedagogy unit of St. Xavier's Institute of Education held on 23rd January, 2021.



Miranda House

UNIVERSITY OF DELHI

- Participated in a National Webinar on " Mathematics Education in India : Retrospect and Prospect" organized by Department of Education, Mizoram University held on 10th September, 2020.
- Completed two week Faculty Development Programme on "Managing Online Classes and Co-creating MOOCS 3.0" organized by Teaching learning Centre , Ramanujan College, University of Delhi held from 25th July to 10th August, 2020 with Grade A+.
- Participated in Premium Webinar on "Examinations Reforms and Online Assessment Tools" organized by Guru Angad Dev Teaching learning Centre of MHRD, University of Delhi held on 12th July, 2020.
- Attended International Webinar on "History and Biology of the Corona Viruses and Reflections on a Post- Covid World " organized by St. Joseph's College, Bengaluru held on 11th July, 2020.
- Completed one week online certificate course on " Digital Teaching Techniques" organized by ICT Academy from 29th June to 4th July, 2020.
- Participated in two day Training Program on "Institutional Quality Measures for Administration" organized by IQAC, Gargi college, University of Delhi held on 17th & 18th June, 2020.
- Participated in a National Webinar on "Training of Teachers for Virtual Meeting Platform" organized by IQAC cell, Guru Ramdass College of Education, Delhi held on 15th June, 2020.
- Participated in a National Webinar Series on " Knowledge Generation in Education during COVID-19 Pandemic - Qualitative Research" organized by Department of Education, Bombay Teachers' Training College, HSNC University, Mumbai, University of Mumbai held on 1st June to 6th June, 2020.
- Participated in a National Webinar on "Fighting Pandemics with Artificial Intelligence" organized by Department of Microbiology, Gargi college, University of Delhi held on 29th May, 2020.
- Participated in International Webinar on "Towards Excellence in Qualitative Research in Social Sciences" organized by Tamil Nadu Open University School of Education held on 28th May, 2020.
- Participated in a National Webinar Series on "Covid-19 : Lockdown and Post Lockdown Concerns" organized by B.A Programme Society, Mata Sundri college for Women, University of Delhi held on 21st to 27th May, 2020.
- Participated in a National Webinar on "Open Education Resources" organized by Department of Chemistry, Gargi college, University of Delhi held on 21st May, 2020.
- Participated in Webinar on "Emerging Trends in E-Learning : Complete Classroom and Evaluation Process using MOODLE LMS" organized by Swami Shradhanand college, University of Delhi held on 18th May, 2020.
- Participated in a National Webinar on "Enhancing Quality and Visibility of Research Output of Faculty and Researchers" organized by Gargi college, University of Delhi held on 16th May, 2020.
- Participated in a National Webinar series on " Knowledge generation in Education during COVID -19 Pandemic" organized by Department of Education, Bombay Teachers' Training College, HSNC University, Mumbai, University of Mumbai held on 12th May to 16th May 2020.



Miranda House

UNIVERSITY OF DELHI

- Participated in Webinar on "Connecting Culture with Classical Knowledge of Mathematics : An Uncharted Territory" organized by Department of Elementary Education, Institute of Home Economics, University of Delhi held on 11th May, 2020.
- Participated in Live session on "Online Examination and Internal Assessment Tools – A Platform for Teachers" organized by Smt. Surajba College of Education, Ed Fly Learn, held on 8th May, 2020.
- Participated in the Two-Day National Multidisciplinary Conference on "Emerging Trends in Tertiary Education: Assessing Challenges and Possibilities" organized by Department of B.A Programme, Chemistry, English and History, Gargi College, University of Delhi, held on 29th & 30th of March 2019.
- Participated in the Seven-Day Faculty Development Programme on "Skill based Teacher's Training in ICT, IPR and Research" organized by the Teaching Learning Centre (TLC), Ramanujan College, New Delhi, held during 5th-11th March 2018.
- Participated in NAAC sponsored Two-Day National Seminar titled "Mentoring the Teacher-Mentors: Capacity Building Programme" organized by Gargi college from 19th-20th January 2018.
- Participated in International Conference titled "Educational Policy Shifts in Neo-Liberal Times: Core Concerns and Critical Issues" organized by Gragi College on 14th -15th September 2017.
- Worked as one of the faculty member in project GC301 entitled 'Low cost and Novel – Integrated Test Measure & Analysis Station (ITMAS) for Teaching and Research : Advocacy for Open Sources: Paradigm changers for Science & Mathematics Education in India in 2015-16.
- Completed Stanford University online course XEDUC115N-001-How to Learn Math: For Teachers and Parents with satisfactory grade in May 2016.
- Participation in National Seminar on 'Pedagogical Discourse in Teacher Education: Using Films as a Pedagogic Tool' held on September 7, 2015 at Lady Shri Ram College.
- Participated in 5th International conference of Comparative Education Society of India (CESI) on "Education, politics and Social Change" organized at University of Delhi from 16th -18th November 2014.
- Participated in two day National Conference on Mathematics Pedagogy "Let's Mathematise...Lessons from Practice" held at Department of Elementary Education, Jesus and Mary College on 10th & 11th February 2014.
- Paper presented in two day National Seminar of Challenges to Teacher Education in the Era of Globalization on "Embedding Life Skill Education in Teacher Education Curriculum" held at Department of Education (MDU, Rohtak) on 30th Nov. to 1st December 2013.
- Participated in Workshop for Mathematics Teachers and Teacher Educators "Technology and Innovations in the Mathematics Classroom" organised by the Department of Elementary Education, Lady Shri Ram College for Women, University of Delhi, supported by CASIO India & Heymath on 9th & 10th October 2013 .
- Paper presented in one day National Seminar on "ICT and quality of teacher educator" on 2 March 2013, held at Kalka Institute of Research and Sciences, New Delhi.



Miranda House

UNIVERSITY OF DELHI

- Paper presented in two days NAAC Sponsored National Seminar “ Innovative Practices to Enhance Teaching Learning Process” held at Institute of Vocational Studies, GGSIP University on 20th – 21st December 2012.
- Participation in Orientation Programme on “Psychology Practical & Action Research of GGSIPU” on 28th August 2012, held at Lingaya’s Lalita Devi Institute of Management & Science, New Delhi.
- Paper presentation in National Conference of Changing Classrooms-Challenges For Teacher Educator on “Enriching The Teaching Learning Process In The Classroom By Using ICT - Challenge For Teacher Educator” held at Guru Nank College of Education on 18th April 2012.
- Participated in two - day Conference on “Strengthening SUPW and Sports Curriculum in the Institute of Teacher Education Affiliated to G.G.S.I.P University” held at Kamal Institute of Higher Education on 16th & 17th March 2012.
- Participated in National Seminar on “Educational Crises in Modern Indian Societies, Symposium on Teaching Strategies for Learning Disabled Children” held at HIBS (Harprasad Institute of Behavioural Studies), Agra on September 24 – 25, 2011.
- Participated in Research Workshop Titled “How to Write a Research Paper: Techniques and Skills Involved” organized by University School of Education GGSIP University on 1st & 2nd September 2011.
- Paper presentation in two – day National Seminar on ‘Self – Education & Human Values for Teachers’ held at Sohan Lal DAV College of Education, Ambala city on February 26-27, 2010.
- Participated in Women Legal Literacy Workshop Organized by Women Studies Research centre Of Kurukshetra Uni.
- Successfully completed training under the Intel Teach to the Future Program with support from Microsoft from 11th to 29th November 2002.