

Dr. Mridula Ranade

Associate Professor

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Subjects of teaching:

- Educational Philosophy
- Educational Psychology
- Research Methodology
- Guidance and Counseling

Areas of Research Interest:

- Research on innovative Teaching-learning techniques
- Multiple Intelligences Approach
- Computer Assisted Instruction

Publications:

Books:

- Inquiry Training Model of Teaching for Yeshwantrao Chavan Open University (2006)
- Educational Psychology Lexicon (English and Marathi): Funded by V. N. Dandekar Pratishthan, Pune (2008)
- A book on Teaching Methods and Techniques based on Multiple Intelligences Approach currently under publication.

Chapters in Books:

“**Biology teaching**” training material for refresher course booklet for Junior College Teachers (H. Sc. Board, April 1999).

“**Teaching Environmental Education: The Multiple Intelligences Approach**” chapter in Beyond Curriculum, Pedagogy and Teacher Training for Environmental Education by Rajarshi Roy, Ed., Shipra Publications, Delhi, 2008.

“**Science Education in India**” chapter in Science Education in Context: An International Examination of the Influence of Context on Science Curricula Development and Implementation” by Richard K. Coll and Neil Taylor, Eds, Sense Publishers, Rotterdam, 2008.

A Chapter on India published in an International book, "Getting into Varsity", edited by Barend Vlaardingerbroek and Neil Taylor, Cambria Press, New York, 2010.

Published Research Papers/Articles:

Paper titled "**Assessment Techniques for Science Teaching**": published in "Departmental Research Support "Report, S.N.D.T. College of Education, Pune (1999).

A paper presented as resource person in a workshop on "Information and Communications Technologies in Schools in India, in the 21st Century" organized by World Peace Center, MIT, Pune, Indian National Commission for Cooperation with UNESCO, and Ministry of HRD, Govt. of India, and titled "**Computer Education in Schools: Problems, Solutions and more Problems**".

was published in the S.N.D.T. College of Education, Annual Magazine. (1999-2000)

Research paper published in Research Bulletin of S.C.E.R.T.: "**A Study of the Influence of Medium of Instruction on the Academic Achievement of Students in Higher Secondary Stage.**"

Paper presented in **National Conference** at Baroda on "Value-based Leadership in Education". The paper titled: "**Value-based Leadership in Education: Past, Present and Future**" was **published in a book** comprising of compiled papers on the subject. (Dec. 2000)

An article on "**Moral Leadership in Education: An Indian Perspective**" in collaboration with Dr. P.M. Sapre was published in refereed **International Journal** on Educational Leadership. (Jan 2001).

Summary of paper presented in "epiSTEME-1", an **International Conference** at Goa to review research on Science, Technology and Mathematics Education; organized by Homi Bhabha Centre for Science Education, titled "**Science Teaching through Computer Assisted Instruction: Research Findings and Insights**" is published on the HBCSE website.(2005)

A **research paper**: "**Effectiveness Study and Critical Evaluation of a Computer Assisted Instructional Package Developed for Teacher Educators**" was published in the AIAER Journal. (Jan 2005)

A research paper, "**Constructivist Learning and Use of Partial Studio Model in Teacher Training Classroom: An Action Research Report**" was published in **Experiments in Education** journal. (Oct. 2005)

An article on "**Useful Techniques of Teaching**" published in IASE Journal for CTE Trainers (July 2006)

An article on "**Use of Multiple Intelligences approach in teaching of Environmental Education**" was published in Environmental Education Journal by IASE, SNTD, Pune. (July 2006)

An article on "**Slideshow Preparation for Teaching**" published in IASE booklet on ICT in Education. (Aug 2006)

Article on MI approach in Environmental Education was published in "Vanrai". (Oct 2006)

Article published in IASE Action research Booklet on "**Issues Related to Review of Related Literature**". (Nov 2006)

An article on **"Inquiry Training Model of Teaching"** and a **lesson transcript of ITM** were published in IASE : "Models of Teaching" journal. (Dec. 2006)

A research article: **"Development of CAI Presentations for Science Teaching and Overview of Research Findings"** published in a peer-reviewed **International Journal of Science and Mathematics Education by Springer Publications** (2006)

Research paper **presented in an International conference (APER) at Hong Kong:** "Computer-based Instruction on 'Multiple Intelligences Approach' to Teaching: Research Studies in Teacher Education." Published in Conference Journal.

Essay on Expansion, Excellence, Inclusion: The 3 Challenges of Indian Education: **"Dealing with Expansion and Inclusion through Excellence: Lessons from Brain-research, Multiple Intelligences Theory and Constructivism"** on Knowledge Corporation Website.

Paper "Harnessing Technology for Academic Engagement through Use of Computer Assisted Instruction, Constructivist Studio Model and Portfolio Development" presented in the IATE International Conference on Teacher Education and ICT: Global Context, Policy and Framework (2009, Mumbai).

Research Paper published in CD format(ISBN:978-1-74272-024-1) on **"A Study of the Effectiveness of Integrated Thematic Instruction on the achievement of M.Ed. Students"** presented at Conference of the International Association of Cooperation in Education (IASCE) 2010, at the University of Queensland, Brisbane, Australia.

Research Paper on **"Effectiveness Study of Reciprocal Teaching in conjunction with KWL Charting and Concept Mapping"** presented in International Conference on Teaching and Learning, School of Education, Jaipur National University was published in abstract form in Souvenir, pg. 143, (2011)

Links:

<http://www.mridularanade.com>

Recognised Guide for PhD/MPhil at:

Ph.D. Guide for SNTD University.