

BIO-DATA

Name : **DR. PRAMILA TANWAR**

Designation : **ASSOCIATE PROFESSOR**

Subject Area : CHEMISTRY

Department : DESM, NCERT, New Delhi

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Educational Qualification : M.Sc, PhD from J.N.Vyas University, Jodhpur

Experience : Joined as a Assistant Professor in RIE, Ajmer in 2007 taught Chemistry and science education for the pre-service course students of the Institute during the period from 2007-2015. Joined DESM, NIE, NCERT, New Delhi in 2015.



Working Field:

- **1. Research-** Many research project coordinated and completed like A study of use of Micro scale Chemistry Kit Developed by NCERT for the Higher Secondary Schools of Delhi, A study on science Teaching with reference to children with special need (CWSN) Studying at Elementary school, Study of the Syllabi and Textbooks in Science and Mathematics at the Upper Primary and Secondary Stages across the Country from the Perspective of Conceptual Depth, A Study of **Accessibility of Laboratory for the CWSN** in the Higher Secondary stage, A Study of Utilization of Science Laboratories in Learning Science in the Higher Secondary Schools of Delhi NCR, A Study of syllabi of Chemistry at higher secondary stage, Implementation of Intervention Strategies and its Effectiveness in the Achievement of Learning Outcomes in Science at Upper Primary Stage, **Rashtriya Avishkar Saptha** – , prestigious project **PAB Approved programme of MoE** ,Analysis of Concepts in Science and Mathematics in terms of learning performance at upper primary stage, Evaluation tool for training package in science/mathematics for teachers teaching at upper primary stage. Evaluation of chemistry textbook at higher secondary stage.
- **Development-** Reprint of Text book Chemistry part I and part II and QR Codes for Chemistry textbook class XI, Rationalization of curriculum- for upper primary stage . **Developed Tactile book in science for class 6,7& 8 for children with special needs.** Development of scripts for the Modules of Training Package in Chemistry for Teachers Teaching at Higher Secondary Stage for dissemination in MOOC format. Development of **Audio-Video Materials on Experiments/Activities in Science at Secondary Stage, Higher secondary stage** including PM e-vidhya. Enrichment of chemistry Curriculum at Higher Secondary Stage through e-Resources, Review of Textbook in Science at Upper Primary Stage (Class VI, VII, and VIII), Book Manual of Microscale Chemistry Laboratory Kit for classes XI and XII in English & Hindi of NCERT. Developed Tactile book in science for class 6,7& 8 for children with special needs.
- **Training-** Orientation of key resource person working in SC dominated areas on activity based learning in science at secondary stage, Training of KRPs in the development of low cost /no cost teaching aids /TLMs in EVS at primary level for the state of uttar Pradesh, Training of KRPs in science teaching at secondary level, Training of KRPs in Teaching of science of chemistry at senior secondary level for the state of Uttarakhand, Jammu and Kashmir ,orientation of micro scale chemistry kit for higher secondary teachers , capacity building programs for Teachers and NRG member of the **NISHTHA** Programme organized by the Council.
- **Extension-**42nd Jawaharlal Nehru National Science, Mathematics and Environment Exhibition for children, State level science, Mathematics and Environment Exhibition for children, Committee member of Centre for Popularization, Guidelines for Rashtriya Aavishkar Saptah, Attended Refresher Course, orientation courses. Deliver many **live sessions in Swayam prabha** Channel and Working paper in science Education. Involved in examination of B.Sc B Ed, paper setting and evaluation.
- **Publications-** Published many research papers, articles and presented papers in the areas of Science Education and Chemistry in National and International Journals like School science Review, Energy sources etc.

