Value Added Course: Teacher as Researcher (TAR-BASIC)

Six Days, 42 Hour Value Added Course

November 18-23 2024

The Teacher as a Researcher (TAR) Basic 2024 six-day, 42-hour value-added certificate course was organized by the Department of Education, Lady Irwin College, University of Delhi, from November 18–23, 2024. Guided by Prof. Neelima Asthana, Prof. Mani Bhasi Kalra, and Prof. Richa Mehta, it aimed at empowering teachers with research competencies by blending theory, methodology, ethics, and practice.

Day 1(November 18, 2024; Monday)

The programme was inaugurated by Prof. Neelima Asthana and Prof. Anupa Siddhu, who emphasized the need for teachers to be researchers for advancing education. Sessions by Prof. Renu Malaviya traced the history of research in teacher education at Lady Irwin College, while Prof. Archana Kumar highlighted fundamentals of research and its link with knowledge, power, and decision-making. Dr. Subhash Chander introduced AI tools in research, demonstrating their utility in literature review, data analysis, and visualization. Prof. Devender Singh concluded with an insightful lecture on biases in qualitative research and the importance of objectivity.

Day 2(November 19, 2024; Tuesday)

Dr. Divya Tripathi delivered two important sessions on writing grant proposals and quantitative data analysis using statistical techniques and tools like SPSS. She underlined aligning projects with funding agencies' goals and the role of strong methodologies. Prof. Roma Mitra Debnath guided participants on review of literature through the framework, significance of abstracts, and plagiarism.

Day 3 Day-3 (November 20, 2024; Wednesday)

Prof. Bharati Baveja's session on creativity in research explained mixed-method designs and their role in capturing complex realities, linking them to Bruner's Theory and Taba's model of concept formation. Prof. P.V.K. Sasidhar discussed evaluation of developmental programmes using frameworks like Bennett's Hierarchy, blending practice with research. Prof. Shailendra Kumar introduced information services for researchers, research ethics, plagiarism checks, and information literacy. In the concluding session, Prof. Alka Chawla highlighted the scope of Intellectual Property Rights (IPR), covering copyright, patents, and global frameworks.

Day 4(November 21, 2024; Thursday)

Prof. D.N. Sansanwal engaged participants in identifying variables, explaining their significance in research design, and sequencing the research process. His sessions reinforced

fundamentals of methodology, independent/dependent variables, and operationalization. Later, Ms. Bhawna Vashishtha introduced university library resources, databases, open-source repositories, and analytical tools. Her second session emphasized ethical research practices, plagiarism-check tools like Turnitin, referencing, and open-access platforms such as Shodhganga.

Day 5(November 22, 2024; Friday)

Prof. Namita Ranganathan connected research methodology to NEP 2020, emphasizing contextual research and participatory methods. Prof. Sandeep Kumar discussed ethical publication practices and the role of quality journals in broadening research impact. Dr. Rajendra Prasad led hands-on sessions on Exploratory Factor Analysis (EFA) using SPSS and Confirmatory Factor Analysis (CFA) with AMOS, equipping participants with advanced quantitative skills.

Day-6 (November 23, 2024; Saturday)

Prof. Arbind Kumar Jha introduced research paradigms positivism, constructivism, criticisms, pragmatism explaining their ontological and epistemological bases. He highlighted paradigm shifts and triangulation for robust inquiry. Prof. Priti Joshi's session on research paper writing guided participants on structuring articles, journal selection, handling rejections, and ethical considerations in publishing.

Conclusion

The six-day TAR Basic 2024 course successfully blended theory, methodology, ethics, technology, and practice to strengthen teachers' capacities as reflective researchers.

contribute meaningfully to the evolving educational landscape. With sessions spanning AI in research, development evaluation, statistical tools, ethics, IPR, and paradigms, the course encouraged participants to critically engage with research, embrace innovation.