



**CLUSTER INNOVATION CENTRE**  
(UNIVERSITY OF DELHI)  
**M.Sc. (Mathematics Education)**  
*A Joint Degree under the Meta University Concept by*  
**University of Delhi & Jamia Millia Islamia**



**Exploring the Role of Experiential Learning in Market-driven Skills  
Development Through Internships in MSc. Mathematics Education**

*(A research dissertation submitted at Cluster Innovation Centre, University of Delhi)*

**Abstract**

*This study explores the impact of experiential learning activities within a Master of Science in Mathematics Education program. For this the researchers analyzed 20 research papers by identifying relevant academic databases and repositories, encompassing platforms such as ERIC, ResearchGate, Academia and Google Scholar along with educational journals' websites. A survey on the experiences of 35 graduates explored their participation in these activities, perceived effectiveness, and suggestions for improvement. The analysis reveals a significant emphasis on experiential learning, with internships, project-based learning, and workshops being the most prevalent formats. Graduates reported these activities as instrumental in boosting their confidence, communication, teamwork, and problem-solving abilities. They further highlighted the value of experiential learning in filling / bridging the gap between theoretical knowledge and practical application in mathematics education. The desire for enhanced internship opportunities, particularly in educational technology companies, emerged as a key suggestion.*

by  
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