



**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



## **EXAMINING CURRICULUM ACCESSIBILITY FOR VISUALLY IMPAIRED SECONDARY-GRADE MATHS STUDENTS**

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

### **Abstract**

*Mathematics being a vital field has a significant impact on various aspects of our lives and society. One of its main contributions lies in problem-solving, as it fosters critical thinking skills and a systematic approach to addressing complex problems. Whether it's finding solutions in science, engineering, finance, or technology, mathematics equips individuals with the necessary tools to tackle and overcome challenges effectively. Hence it is necessary to study for everyone including learners with special needs. Also, NEP-2020 emphasizes making the classroom inclusive and teaching styles of Universal design learning and integrating ICT along with assistive technologies, this study aimed to examine the accessibility of mathematics curriculum for visually impaired learners of secondary grade. This study adopted the exploratory and descriptive method with semi-structured interviews able to conducted on 10 teachers (from schools & NGOs ). It is found that we still believe in -one size fit for all as the teachers of schools is found to use the conventional method of teaching and assessment as the teachers are not prepared, the resources available in the schools are still only braille, Taylor frame and in few schools abacus is there. But in contrast to the schools teachers the teachers of NGOs are well trained and have many assistive resources & technologies*

by

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