NEP 2020: A DIFFERENTIAL ASSESSMENT TECHNIQUES IN INCLUSIVE EDUCATION

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ABSTRACT:
Inclusive education aims to provide equal opportunities for all students, regardless of their abilities or differences. Differential assessment techniques play a pivotal role in achieving this goal by tailoring assessments to meet the diverse needs of students. This comprehensive guide explores differential assessment techniques in inclusive education, covering principles, methods, and best practices. It delves into the importance of inclusive assessment, provides an overview of assessment types, and offers practical strategies for implementation. By the end, readers will have a thorough understanding of how to create equitable assessment practices in inclusive classrooms.
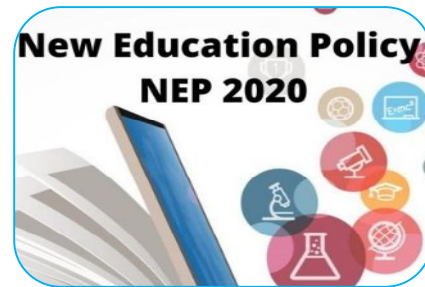
KEYWORDS: *NEP, Assessment, Inclusive Education.*

1. INTRODUCTION:

Inclusive education is a philosophical approach that emphasizes providing equitable opportunities for all students, regardless of their abilities, backgrounds, or differences. Inclusive classrooms aim to create environments where every learner feels valued, respected, and has the chance to succeed academically and socially. Assessment is an integral part of education, helping educators understands what students know, what they can do, and how they can improve. In inclusive education, assessment takes on added significance because it must cater to the diverse needs of students with a wide range of abilities, learning styles, and backgrounds. **Inclusion** in education refers to all students being able to access and gain equal opportunities to education and learning. It emerged with regards to a custom curriculum with individualized training program or 504 arrangement and is based on the thought that it is more powerful for understudies with exceptional necessities to have the said blended insight for them to find success in friendly collaborations prompting further outcome throughout everyday life. The way of thinking behind the execution of the consideration model doesn't focus on, yet accommodates the usage of exceptional homerooms and extraordinary schools for the instruction of understudies with incapacities. Comprehensive schooling models are carried into force by instructive managers fully intent on creating some distance from confinement models of a custom curriculum to the furthest reaches down to earth, the thought being that it is to the social advantage of general training understudies and specialized curriculum understudies the same, with the more capable understudies filling in as companion models and those less capable filling in as inspiration for general instruction understudies to learn sympathy.

Execution of these practices shifts. Schools most often utilize the consideration model for select understudies with gentle to direct extraordinary requirements. Completely comprehensive schools,

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which are intriguing, don't separate "general training" and "custom curriculum" programs; all things being equal, the school is rebuilt with the goal that all understudies learn together.

Comprehensive schooling varies from the 'combination' or 'mainstreaming' model of training, which would in general be a worry. A premium is put upon full support by understudies with incapacities and upon regard for their social, common, and instructive freedoms. Feeling included isn't restricted to physical and mental incapacities, yet additionally incorporates the full scope of human variety regarding capacity, language, culture, orientation, age and of different types of human contrasts. Richard Wilkinson and Kate Pickett expressed, "understudy execution and conduct in instructive errands can be significantly impacted by the manner in which we believe, we are seen and decided by others. At the point when we hope to be seen as substandard, our capacities appear to reduce". For this reason the Unified Countries Manageable Improvement Objective 4 perceives the requirement for sufficient actual foundations and the requirement for protected, comprehensive learning conditions. This guide explores differential assessment techniques in inclusive education. It begins by outlining the principles that underlie inclusive assessment and then dives into various assessment types and methods. Practical strategies, including Universal Design for Learning (UDL), accommodations, and data-driven decision-making, are discussed in depth. The guide also addresses challenges and offers solutions, emphasizing the importance of professional development for educators. By the end, readers will have a comprehensive understanding of how to implement inclusive assessment practices effectively.

2. PRINCIPLES OF INCLUSIVE ASSESSMENT

Inclusive assessment is rooted in the principles of equity and fairness. It ensures that all students, regardless of their abilities or backgrounds, have an equal opportunity to demonstrate their knowledge and skills. Fair assessment practices consider the individual needs and circumstances of each learner. Individualization is a key principle of inclusive assessment. It recognizes that no two students are exactly alike. Assessment techniques should be tailored to meet the specific needs and abilities of each student. This may involve providing different types of assessments or modifying existing ones. Accessibility in assessment means that all students, including those with disabilities, can participate fully and independently. It involves providing accommodations, such as Braille materials or screen readers, and ensuring that assessment formats are accessible to everyone. Flexibility is essential in inclusive assessment. It acknowledges that students have diverse learning styles, paces, and preferences. Flexible assessment practices allow students to demonstrate their understanding in ways that align with their strengths. Collaboration is a fundamental principle in inclusive education. Educators, specialists, students, and parents must work together to design and implement effective assessments. Collaborative assessment planning helps ensure that assessments are truly inclusive and address the unique needs of each student.

3. TYPES OF ASSESSMENT IN INCLUSIVE EDUCATION

Assessment in inclusive education encompasses various types, each serving a specific purpose. Understanding these assessment types is essential for creating a well-rounded assessment strategy. The Types of Assessment in Inclusive Education is as follows:

➤ Placement assessment – Placement assessment is utilized to put understudies as per earlier accomplishment or individual qualities, at the most proper point in an educational grouping, in a remarkable informative technique, or with a reasonable educator directed through position testing, for example the tests that schools and colleges use to evaluate school preparation and spot understudies into their underlying classes. Situation assessment likewise alluded to as pre-evaluation or introductory evaluation, is directed preceding guidance or intercession to lay out a standard from which individual understudy development can be estimated. This sort of appraisal is utilized to understand what the understudy's expertise level is about the subject. It assists the educator with making sense of the material all the more effectively. These appraisals are not reviewed

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➢ Formative evaluation is by and large did all through a course or venture. Formative evaluation likewise alluded to as "educative appraisal," is utilized to help learning. In an instructive setting, a Formative evaluation may be an educator or friend or the student, giving criticism on an understudy's work and wouldn't really be utilized for reviewing. Formative evaluations can appear as symptomatic, government sanctioned tests, tests, oral inquiries, or draft work. Formative evaluations are completed simultaneously with directions. The outcome might count. The Formative evaluations mean to check whether the understudies comprehend the guidance prior to doing a summative evaluation Formative evaluation happens during the growing experience and is utilized to give criticism to the two educators and understudies. It recognizes regions where understudies might require extra help and illuminates informative choices. Instances of Formative evaluation incorporate tests, class conversations, and friend input.

➢ Summative assessment is generally carried out at the end of a course or project. In an educational setting, summative assessments are typically used to assign students a course grade. Summative assessments are evaluative. Summative assessments are made to summarize what the students have learned, to determine whether they understand the subject matter well. This type of assessment is typically graded (e.g. pass/fail, 0-100) and can take the form of tests, exams or projects. Summative assessments are often used to determine whether a student has passed or failed a class. A criticism of summative assessments is that they are reductive, and learners discover how well they have acquired knowledge too late for it to be of use. This assessment takes place at the end of a learning period to evaluate what students have learned. It is typically used for grading and reporting purposes. Examples include final exams, standardized tests, and end-of-term projects.

➢ Summative and formative evaluation are frequently alluded to in a learning setting as evaluation of learning and evaluation for advancing separately. Evaluation of learning is by and large summative in nature and expected to gauge learning results and report those results to understudies, guardians and chairmen. Evaluation of advancing for the most part happens at the determination of a class, course, semester or scholarly year. Evaluation for learning is for the most part formative in nature and is utilized by educators to think about ways to deal with instructing and following stages for individual students and the class.

➢ Alternative evaluation alludes to forward thinking strategies for appraisal that go past customary tests and tests. These appraisals are in many cases more comprehensive and may incorporate ventures, introductions, and portfolios. Elective appraisals permit understudies to exhibit their abilities and information in different ways.

➢ Performance-based assessment measures a student's ability to apply their knowledge and skills to real-world tasks. It focuses on practical application rather than rote memorization. Performance-based assessments are inclusive as they accommodate different learning styles.

➢ Authentic assessment evaluates a student's ability to solve real-world problems and demonstrate skills that are relevant to their future endeavors. This type of assessment is well-suited to inclusive education because it emphasizes practical, transferable skills.

➢ Portfolio assessment involves collecting and evaluating a student's work over time. It provides a comprehensive view of a student's progress and can be customized to showcase individual strengths and achievements.

➢ Diagnostic assessment deals with the whole difficulties at the end that occurs during the learning process. A common form of formative assessment is diagnostic assessment. Diagnostic assessment measures a student's current knowledge and skills for the purpose of identifying a suitable program of learning. Self-assessment is a form of diagnostic assessment which involves students assessing themselves. Forward-looking assessment asks those being assessed to consider themselves in hypothetical future situations

➢ Performance-based assessment is similar to summative assessment, as it focuses on achievement. It is often aligned with the standards-based education reform and outcomes-based education movement. Though ideally, they are significantly different from a traditional multiple choice test, they are most commonly associated with standards-based assessment which uses free-

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form responses to standard questions scored by human scorers on a standards-based scale, meeting, falling below or exceeding a performance standard rather than being ranked on a curve.

4. UNIVERSAL DESIGN FOR LEARNING (UDL)

Universal Design for Learning (UDL) is a framework that guides the creation of inclusive educational materials and practices. UDL principles can be applied effectively to assessment:

➢ Multiple Means of Representation:- Present assessment materials in various formats to accommodate different learning styles and abilities.
➢ Multiple Means of Engagement:- Provide options for how students can engage with assessments, allowing them to choose methods that suit their preferences.
➢ Multiple Means of Expression: Allow students to demonstrate their knowledge and skills in diverse ways, such as through written work, presentations, or verbal responses.

To apply UDL to assessment:

➢ Use accessible materials and formats, including digital resources that support screen readers and other assistive technologies.
➢ Provide clear instructions and offer choices to accommodate different learning preferences.
➢ Allow for flexible assessment formats, such as written, oral, or multimedia presentations.
➢ Incorporate multimedia elements, such as videos or interactive content, to enhance engagement. For Example : In a history class, instead of a traditional written essay, students could choose to create a video presentation or an interactive timeline. In a science class, students could demonstrate their understanding of a concept through a hands-on experiment, a written report, or a multimedia presentation.

5. ACCOMMODATIONS AND MODIFICATIONS

Accommodations and modifications are two important concepts in inclusive assessment:

Accommodations: These are changes or supports provided to help students access the same assessment as their peers. Accommodations do not alter the content or learning expectations; they simply level the playing field. For example, providing extra time for a student with dyslexia to complete a written test is an accommodation.

Modifications: Modifications involve altering the content, format, or expectations of an assessment to suit a student's individual needs. This is often done for students with more significant disabilities. For instance, a student with a cognitive disability might complete a simplified version of an assignment.

Common accommodations in inclusive assessment include:

➢ Extended time for completing assessments.
➢ The use of assistive technology, such as screen readers or speech-to-text software.
➢ Large print materials or Braille versions of assessments for visually impaired students.
➢ Quiet or separate testing environments for students with sensory sensitivities.
➢ Providing written instructions along with verbal instructions for students who benefit from visual support.

Common Modifications:- Modifications are tailored to individual students and may include:

➢ Simplifying the content of an assessment.
➢ Reducing the number of questions or tasks.
➢ Adjusting grading criteria to reflect modified expectations.
➢ Using alternative assessment methods, such as one-on-one oral assessments.

6. ASSESSMENT STRATEGIES FOR INCLUSIVE EDUCATION

➢ Differentiated instruction is a teaching approach that tailors instruction to meet the diverse needs of students in the same classroom. In the context of assessment, differentiated instruction involves

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creating assessments that provide multiple pathways for students to demonstrate their understanding.

➢ Scaffolding is a gradual process of support that helps students reach higher levels of comprehension and skill acquisition. In assessment, scaffolding may involve providing additional guidance or resources to students to help them successfully complete a task.

➢ Peer assessment encourages students to assess and provide feedback on each other's work. This not only promotes a collaborative learning environment but also allows students to see different approaches and perspectives in assessment.

➢ Collaborative assessment involves students working together to complete assessments. This can be particularly beneficial for students with diverse abilities, as they can learn from each other and leverage their individual strengths.

➢ Flexible assessment formats allow students to choose how they demonstrate their knowledge and skills. For example, a student might opt to write a research paper, create a multimedia presentation, or give an oral presentation based on their strengths and preferences.

7. CULTURAL SENSITIVITY IN ASSESSMENT

➢ Assessment materials and practices can sometimes be culturally biased, disadvantaging students from diverse backgrounds. It's important to identify and address these biases to ensure fair assessment. This involves critically evaluating assessment content and language for cultural sensitivity.

➢ Culturally responsive assessment recognizes and respects the cultural backgrounds and experiences of students. It involves:

➢ Using culturally relevant examples and contexts in assessments.

➢ Avoiding stereotypes or culturally insensitive language.

➢ Ensuring that assessment questions do not disadvantage students from specific cultural backgrounds.

8. USING TECHNOLOGY IN INCLUSIVE ASSESSMENT

➢ Assistive technology plays a crucial role in inclusive assessment. It includes tools and software designed to support students with disabilities. Examples of assistive technology for assessment include screen readers, speech-to-text software, and communication devices for non-verbal students.

➢ Digital assessment tools offer various benefits for inclusive education. They often include features like text-to-speech, adjustable fonts, and customizable settings that can be particularly helpful for students with diverse needs.

➢ Online learning platforms can facilitate inclusive assessment by allowing for the customization of assessment formats and settings. These platforms often provide options for accommodating students' needs and tracking their progress.

9. ANALYSIS OF ASSESSMENT DATA:-

Assessment data is a valuable resource for educators. It provides insights into student progress, identifies areas of strength and weakness, and informs instructional decisions. In inclusive education, data is particularly crucial for tailoring instruction to individual needs.

To make the most of assessment data:

➢ Regularly collect and analyze data from a variety of assessments.

➢ Identify patterns and trends in student performance.

➢ Use data to adjust instructional strategies and interventions.

➢ Share data and insights with students, parents, and support staff.

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Data-driven decision-making allows educators to provide targeted support to students who need it. It helps identify when to adjust instruction, provide additional resources, or modify assessments to better meet students' needs.

10. PROFESSIONAL DEVELOPMENT FOR INCLUSIVE ASSESSMENT

➢ Teacher training programs should include components related to inclusive assessment. Educators need to develop a deep understanding of inclusive practices and assessment techniques to effectively support diverse learners.
➢ In-service workshops provide opportunities for ongoing professional development. These workshops can focus on specific aspects of inclusive assessment, such as cultural sensitivity or assistive technology.
➢ Continuing education is essential in a rapidly evolving educational landscape. Educators should stay informed about the latest research and best practices in inclusive assessment to continually improve their teaching and assessment methods.

11. CHALLENGES AND SOLUTIONS

Inclusive assessment can be challenging due to:
➢ Lack of awareness and training among educators.
➢ Limited access to assistive technology and resources.
➢ Resistance to change in assessment practices.
➢ Time constraints for developing individualized assessments.
➢ The need for collaboration among multiple stakeholders.
      Addressing these challenges requires a combination of strategies are:
➢ Comprehensive teacher training and professional development.
➢ Investment in assistive technology and resources.
➢ Supportive school policies and a commitment to inclusive education.
➢ Collaboration between educators, specialists, and parents.
➢ Advocacy for inclusive assessment at the policy level.
➢ Case studies of schools or districts that have successfully implemented inclusive assessment practices can serve as valuable examples. These cases can highlight effective strategies, the impact on student outcomes, and the benefits of inclusive assessment for the entire learning community.

12. CONCLUSION

➢ Inclusive assessment is a powerful tool for promoting equity and ensuring that all students, regardless of their abilities or backgrounds, have the opportunity to succeed in education. It goes beyond traditional assessment practices to create a more inclusive, flexible, and fair learning environment. This guide serves as a call to action for educators, administrators, policymakers, and all stakeholders in education. It emphasizes the importance of adopting inclusive assessment practices and provides a roadmap for creating more equitable learning experiences. The field of inclusive education and assessment is continually evolving. Future trends may include further integration of technology, increased emphasis on cultural responsiveness, and a growing recognition of the benefits of inclusive practices for all students. In conclusion, inclusive assessment is an essential component of inclusive education. By embracing the principles of equity, individualization, accessibility, flexibility, and collaboration, educators can create assessment practices that truly meet the diverse needs of their students. The strategies and approaches outlined in this guide provide a solid foundation for implementing inclusive assessment practices that foster a more inclusive and equitable educational environment.

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REFERENCE:

1. Allen, M.J. (2004). Assessing Academic Programs in Higher Education. San Francisco: Jossey-Bass.
2. Kuh, G.D.; Jankowski, N.; Ikenberry, S.O. (2014). Knowing What Students Know and Can Do: The Current State of Learning Outcomes Assessment in U.S. Colleges and Universities (PDF). Urbana: University of Illinois and Indiana University, National Institute for Learning Outcomes Assessment.
3. National council on Measurement in Education
   http://www.ncme.org/ncme/NCME/Resource_Center/Glossary/NCME/Resource_Center/Glossary1.aspx?hkey=4bb87415-44dc-4088-9ed9-e8515326a061#anchorA Archived 2017-07-22at the Way back Machine
4. Nelson, Robert; Dawson, Phillip (2014). "A contribution to the history of assessment: how a conversation simulator redeems Socratic method". Assessment & Evaluation in Higher Education. **39** (2):195204. Doi:10.1080/02602938.2013.798394. S2CID 56445840
5. Suskie, Linda (2004). Assessing Student Learning. Bolton, MA: Anker.
6. Oxford Brookes University. "Purposes and principles of assessment". www.brookes.ac.uk. Retrieved 2018-10-09.
7. Black, Paul, & William, Dylan (October 1998). "Inside the Black Box: Raising Standards Through Classroom Assessment."Phi Beta Kappan. Available at
   http://www.pdkmembers.org/members_online/members/orders.asp?action=results&t=A&desc=Inside+the+Black+Box%3A+Raising+Standards+Through+Classroom+Assessment&text=&lname_1=&fname_1=&lname_2=&fname_2=&kw_1=&kw_2=&kw_3=&kw_4=&mn1=&yr1=&mn2=&yr2=&c1=[permanent dead link] PDKintl.org]. Retrieved January 28, 2009.
8. Madaus, George F.; Airasian, Peter W. (1969-11-30). "Placement, Formative, Diagnostic, and Summative Evaluation of Classroom Learning".
9. Jump up to:[a b c d] Mctighe, Jay; O'Connor, Ken (November 2005). "Seven practices for effective learning". Educational Leadership. **63** (3): 10–17. Retrieved 3 March 2017.
10. "Robert e. Stake, Director". Archived from the original on 2009-02-08. Retrieved 2009-01-29.
11. Scriven, M. (1991). Evaluation thesaurus. 4th ed. Newbury Park, CA:SAGE Publications. ISBN 0-8039-4364-4.
12. Earl, Lorna (2003). Assessment as Learning: Using Classroom Assessment to Maximise Student Learning. Thousand Oaks, CA, Corwin Press. ISBN 0-7619-4626-8
13. Reed, Daniel. "Diagnostic Assessment in Language Teaching and Learning." Center for Language Education and Research, available at Google.com Archived 2011-09-14 at the Wayback Machine. Retrieved January 28, 2009.
14. Joint Information Systems Committee (JISC). "What Do We Mean by e-Assessment?" JISC InfoNet. Retrieved January 29, 2009 from http://tools.jiscinfonet.ac.uk/downloads/vle/eassessment-printable.pdf Archived 2017-01-16 at the Wayback Machine
15. Educational Technologies at Virginia Tech. "Assessment Purposes." VirginiaTech DesignShop: Lessons in Effective Teaching, available at Edtech.vt.edu Archived 2009-02-26 at the Wayback Machine. Retrieved January 29, 2009.
16. Valencia, Sheila W. "What Are the Different Forms of Authentic Assessment?" Understanding Authentic Classroom-Based Literacy Assessment (1997), available at Eduplace.com. Retrieved January 29, 2009.
17. Jump up to:[a b c d e f] Brown, Douglas; Abeywickrama, Priyanvada (2010). Language Assessment, Principles and Classroom Practices. The United States of America: Pearson Longman. ISBN 978-0-13-814931-4.
18. Oxford Brookes University. "Principles of assessment". www.brookes.ac.uk. Retrieved 2018-10-09.
19. Yu, Chong Ho (2005). "Reliability and Validity." Educational Assessment. Available at Creative-wisdom.com. Retrieved January 29, 2009.
20. Jump up to:[a b] Fawcett, Alison (2013). Principles of Assessment and Outcome Measurement for Occupational Therapists and Physiotherapists: Theory, Skills and Application. John Wiley & Sons. ISBN 9781118709696.

_____

21. Jump up to:ᵃ ᵇ "Reliability, Validity and Practicality | Teach English | Englishpost. org". Englishpost.org. 2012-06-26. Retrieved 2018-10-30.
22. Moskal, Barbara; Leydens, Jon (23 November 2019). "Scoring Rubric Development: Validity and Reliability". Practical Assessment, Research, and Evaluation. **7** (1). doi:10.7275/q7rm-gg74.
23. "Understanding Assessment: Washback and Instructional Planning". www.cal.org. Retrieved 2018-10-29.
24. Joint Committee on Standards for Educational Evaluation. (1988). "The Personnel Evaluation Standards: How to Assess Systems for Evaluating Educators". Newbury Park, CA: SAGE Publications
25. Joint Committee on Standards for Educational Evaluation. (1994).The Program Evaluation Standards, 2nd Edition. Newbury Park, CA: SAGE Publications
26. Committee on Standards for Educational Evaluation. (2003). The Student Evaluation Standards: How to Improve Evaluations of Students. Newbury Park, CA: Corwin Press
27. Khan, Tamanna (2015). Higher Education inGlobalized Era: An Indian experience, Shipra.Delhi.
28. Vashishtha, KK (2002). Association of Indian University (1986-2000), New Delhi. p.iii
29. Pathan, SN (2005). Quality ImprovementProgramme in Higher Education Through NAAC:A Success Story of Maharashtra, IntellectualBook Bureau, Bhopal.
30. Satyanarayana, P (2016). Open UniversitiesModern Educational Innovations, Shipra. Delhi.
31. Ibid. 40
32. Khandpekar, MM (1998). Bringing HomeScience through Simple Experiments, CONNECT, UNESCO International Science andTechnology and Environment News Letter, France. Vol. XXIII, No. ¾. pg. 16.