



Sree Chaitanya Mahavidyalaya

Habra-Prafullanagar, North 24 Parganas, PIN -743468

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Best Practice : 1

Title of the Practice: Student Profile Mapping (Demographic and Skill-Strength Tracking)

Objectives:

To determine the socio economic background of students in an objective and quantifiable manner and identify the slow, average and advanced learners so that appropriate support can be provided by the institution.

The Context:

Students often face diverse challenges with respect to their skill attributes: while some may belong to economically backward families and have access to limited resources; some may be intellectually bright or slow irrespective of their economic status; others may have different skills, emotions and behaviour. A systematic assessment of these attributes of the students may help improvising an insight into their strengths and weaknesses. The profile mapping exercise enables the institution to hone the students' strengths and overcome their weaknesses.

The Practice:

- Students need to login with their login ID and password and answer an online questionnaire.
- Scores on 'General Quotient (gQ)' and 'Empowerment Quotient (mQ)' are calculated on the basis of the answers provided. The General Quotient comprises of Academic score, Intelligence score and Knowledge score. The Empowerment Quotient assesses different types of abilities. It also makes a comparison of the particular student in comparison with his/her peer group. Finally, a weighted average of gQ and mQ gives the final score, which represents the capability of the student.

Evidence of success:

- The manual method of psychometry test or profile mapping is too engaging and time consuming, whereas the online mapping is fast, accurate and error-free.
- Marks obtained in class/internal tests are not always reflective of the students' ability; external factors may affect their time spent on studies, understanding of the subject and answer writing skills. However, online mapping appraises their innate capabilities.
- Often, teachers depend on students' class performance or behaviour to gauge their level of knowledge or aptitude. However, this method is suitable only for articulate students. Online mapping is equally effective for shy and introvert students.



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- The teachers assert that their assessment about the students matches with the profile mapping results, which confirms to the authenticity of the mapping mechanism.

Problems Encountered and Resources Required:

- The existing computer infrastructure is below optimum so that online profile mapping takes longer than usual time.
- The students, mostly from poor families have limited access to high-speed data connection.
- Often the students are unable to understand the questions, and so need the guidance of teachers for filling the questionnaire.
- The resources required are continuous availability of competent software developer to implement the entire idea of online profile mapping along with adequate computer infrastructure.