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### **Student Profile Mapping**

# (2) Title of the Practice – ' Student Profile Mapping' (Learner Centric Practices)

#### **Objectives:**

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

- 1. Better design instruction and materials
- 2. Focus on knowing your students and helping students know themselves
- 3. Analyse how the students' profiles are progressing
- 4. Learners learn how to create their own profiles
- 5. Allowing Students to grow and learn

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### 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 behavior. A systematic assessment of these attributes of the students may help in providing 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.
  - Then their aptitude profiling is done under the following heads
    - a. Academic Score
    - b. Knowledge Score
    - c. Propensity to use tools
    - d. Propensity to communicate
    - e. Propensity to think
    - f. Propensity to accept tasks
    - g. Intelligence Score

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#### **Evidence of success:**

- The manual method of psychometric 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 behavior 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.
- 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 major problem pertains to availability of internet facilities in college. The existing computer infrastructure is inadequate 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 competent software developer to implement the entire idea of online profile mapping along with adequate computer infrastructure.

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### **SPM Portal Login Screenshot**

STRUCT TOTAL	Sir Gurudas Mahavidyalaya Student Profile Mapping System	
// CONNECT WITH US Email:	Students Portal	
	Registration No.: ** * Indicates a required field. Enter	
-5	rstem Powered by Right Brains Technology 2023 © All Rights Reserved.	

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### **SPM Portal Dashboard Screenshot**

	AS MAHANDYP	Student Profile Mapping System			
Welco	ome! Help us k	now you better b	y filling up the following	details:	
*Name:		ABHIJIT ROY	*Date of Birth: ( d	d / mm / yyyy ) dd -	пт-уууу 🗖
*Gender		Select	✓ *Caste:		Select 🗸
*College		Sir Gurudas Mahavidy	ala *Year.		Select 🗸
*Stream		Select	*Student ID:	2200	0578
*State:			District:		
	was the % of ou scored in Final?		*What was the % in 10+2	of marks you scored	
*Tell me	about your living		*Give the details	about your parents:	
Do you I your ow	live in a house of n?	Select	✓ Do your father ea	rn steady income?	Select 🗸
	family own a two or /four wheeler?	Select	<ul> <li>Is your father pas</li> </ul>	s Madhyamik / H.S ?	Select 🗸
	have computer / f your own?	Select	Do your father ha     policy?	ve any life insurance	Select 🗸
	family subscribe spaper?	Select	✓ Do your father us	es ATM card?	Select 🗸
	house has y connection?	Select	✓ Do your mother e	arn any income ?	Select 🗸
	house have any n/Toilet?	Select	Is your mother pa ?	ss Madhyamik / H.S	Select 🗸
Do your trip or ex years?	family go for a cursion once in 5	Select	Your mother have Office A/C ?	any Bank / Post -	Select 🗸
	house have any nnection?	Select	✓ Do your mother u	ses Mobile ?	Select 🗸
			Proceed		

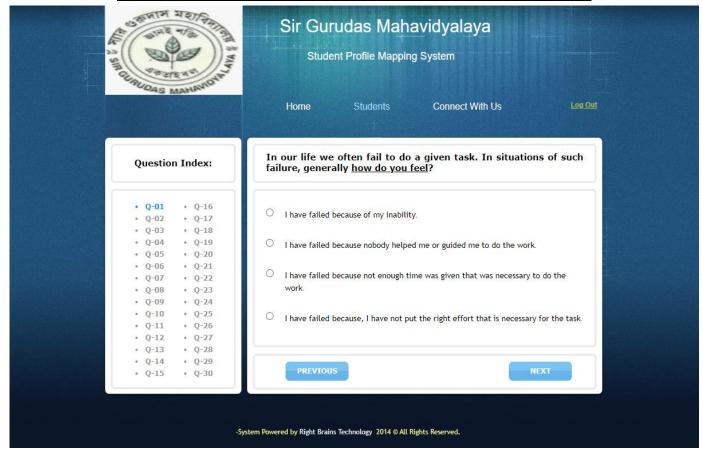
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### **SPM Portal Questions Screenshot**

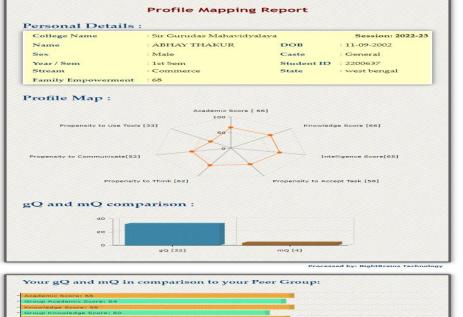


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### **Sample Report**





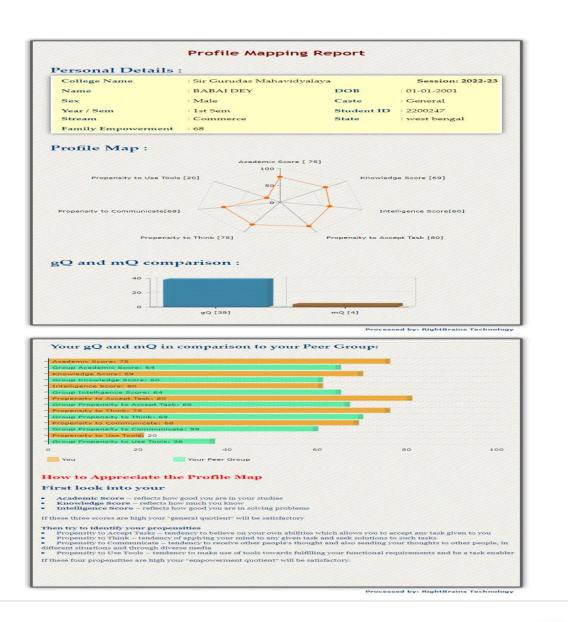
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cessed by: RightBrains Tech



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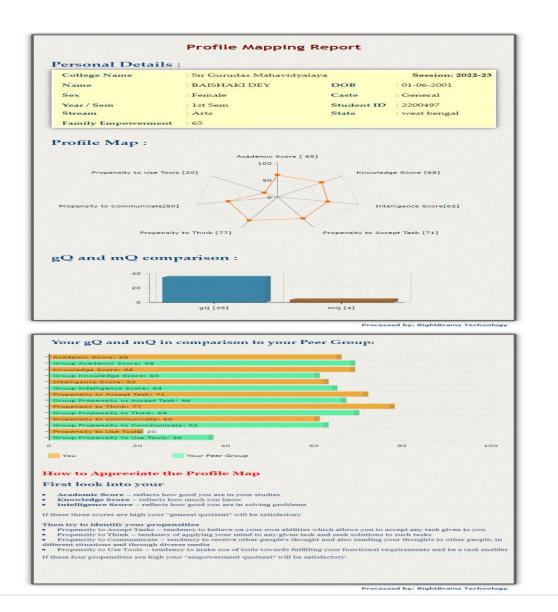


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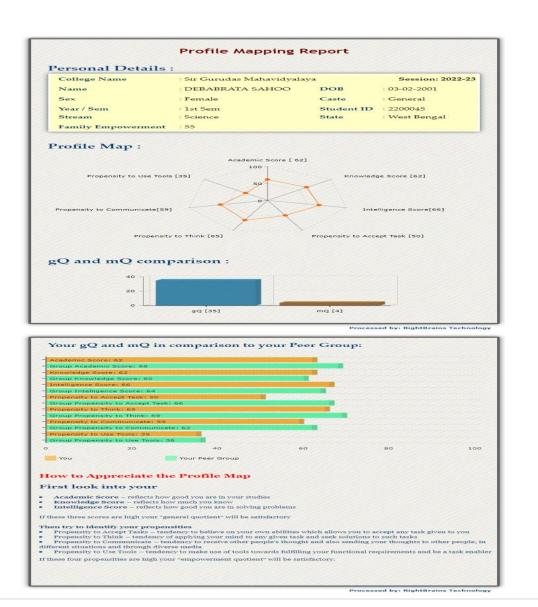


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