REPORT ON WORKSHOP

DATE:                                19-9-18, 20-9-18

VENUE:                              AMRITA VIDYALAM, PUSHP VIHAR

CONDUCTED BY:            CBSE

RESOURCE PERSONS:   MRS. ISHITA MUKHERJEE, MR. NEERAJ SAXENA

There was a two day Capacity Building Program on Mathematics - class X conducted by CBSE.

The objective of the workshop was

1. to share effective ways to deliver the course content to the students.
2. to learn how to draft a test item and plan the lesson well in an efficient manner.
3. sensitize the course participants regarding gender issues.

It was discussed that we as teachers should focus on conceptual understanding , be flexible in our teaching methods, must often get feedback from students, create a lively and playful experiential learning experience for students and constantly monitor their progress.

The very need to cover the knowledge gaps from lower classes which help in higher classes was touched upon. It was explained to the course participants that Maths teaching and learning should not be limited to the textbook.

There was a session on ‘Constructivism’ which is an approach to teaching the subject wherein the knowledge is not transmitted from teachers to learners but is invented. In other words, it is generated by the students. Our lesson plan should be such that the children don't think to learn but learn to think.

Mr. Neeraj Saxena gave us an insight into an effective lesson plan. He said first the vocabulary of the topic should be made clear to the students and then the concept. The student should be able to write the procedural steps correctly and logically and lastly the problem solving skills must get enhanced.

There was a session on teaching diverse learners catering to the nine multiple intelligences and also stress was laid upon gender sensitization.

On day two, a discussion on Assessment based on the new structure of 80 + 20 marks for class X Maths was held. As per the curriculum, the following things were shared.

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| --- | --- | --- | --- | --- |
| Marks | # of questions | Steps | Time | Internal choice |
| 1 | 6 | at most 1 | 1 min. each |  |
| 2 | 6 | 2-3 significant steps | 2 min. each |  |
| 3 | 10 | 4-5 significant steps | 5 min. each | 4 questions |
| 4 | 8 | 6-8 significant steps | 10 min. each | 3 questions |

The above pattern gives the student 32 minutes roughly to revise his/her paper. Mr. Saxena said that it is kept in mind that while designing any paper, the 30% is the internal choice which in Maths is fairly 24 marks out of the total 80 rightly given as above.

For the internal 20 marks, he said that it is as per the schools to conduct the 10 + 5 + 5 and keep the records for about a year. He insisted on Lab activities to be referred from the CBSE/NCERT Lab manuals only.

The workshop was indeed very rewarding and it was very nice experience to know how different schools are keeping up with their assessment and marking.

Attended by:

Abha Dutta

TGT(Maths)