

Study of Faculty Development Program on Teaching Methods: From Teaching to learning

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ABSTRACT

The school system as a whole is moving from teacher to student, from teaching to learning. Child centred pedagogy means giving primacy to children's experiences, their voices and their active participation. The workshop was organized by IQAC from the college with the aim of making the professors of Chandrashekhar Agashe Physical Education College aware of these changes in the teaching methods in the Education process and using different teaching methods in their teaching. Thirteen professors from the college participated in this workshop. This workshop was conducted from 28th September 2020 to 8th October 2020. The workshop was conducted online. Further teaching methods and teaching approaches were discussed in this workshop Problem Based learning, Group discussions, Constructivist learning, Cooperative learning, Active learning, Jigsaw method, Flipped classroom, Massive open online course (MOOCs), Blended learning, Problem based learning, Self directed learning. The questionnaire was used to find out whether the professors used the student-centered teaching methods known in the workshop in their teaching. Analysis based on the information in the questionnaire revealed that college professors used a variety of student-centered teaching methods in their teaching.

Key words: Pedagogy, Flipped classroom, Blended learning, Constructivist learning

Introduction

Chandrashekhar Agashe College of Physical Education is affiliated to the Savitribai Phule Pune University, is accredited by NAAC and is recognized as a Research Centre in physical education. It offers a range of Bachelor's and Master's Courses in physical education as also an M.Phil and Ph.D. courses. Courses include both theory and practical. While teaching the theory paper, it was observed that most of the professors use lecture method. Therefore, "From the Teaching to

Learning" faculty development programme was organized. The aim of this workshop was as follows.

1. Discuss various new trends, methods and approaches in teaching and learning
2. Creating and encouraging the use of student centered teaching methods
3. Sharing best practices of teaching methods

Background

The school system as a whole is moving ***from teacher to student, from teaching to learning***. In learning and teaching methods, styles are changing. Child centred pedagogy means giving primacy to children's experiences, their voices and their active participation (NCF, 2005). The narrow view that only a teacher can teach children is now a thing of the past. International Education Council also mention that "The teacher duty is less and less to inculcate knowledge and more and more to encourage thinking. He will have to become more and more of an advisor, a partner to talk to, someone who helps to seek out conflicting agreements rather than handing out readymade truths. He will have to devote

more time and energy to productive and creative activities, interaction, discussion, stimulation, understanding, encouragement.”

Children learn in a variety of ways- through experiences, making and doing things, experimentation, reading, discussion, asking, listening, thinking and reflecting. We have to close down the education system that imparts knowledge and create an education system that teaches students to acquire knowledge. Open-ended and discovery-based pedagogies: these involve high-level cognitive skills such as comprehension, the application of knowledge, divergent thinking and problem solving. Some or all of the following features may be seen in these pedagogies, e.g.: child-centered, active learning; peer tutoring among learners; teacher- and learner-constructed learning materials; regular and ongoing in-service training and peer mentoring for teaching; ongoing feedback, monitoring and evaluation; strong links between education programmes and the community; **focus on learning rather than teaching** (UNESCO 2004, p.153). As well as there is a strong emphasis on 21st century skills and conceptual understanding in New educational policy (NEP 2020). This 21st century skills development requires radical change in teaching methods. ' In such a changing education system, it is expected and necessary to make necessary changes in our teaching methods as well.

Since our college is a teacher training college, students are closely observing how we teach in college. Therefore, this workshop was planned as our teaching methods need to change over time. If we want to improve the quality of teachers at school level, first of all we have to improve the quality of teacher training colleges. This is because the training college plays an important role in the training that is imparted to the student teachers during the training period, the rites are performed and the ideology is formed.

Procedure

We had organized a workshop by IQAC to introduce all the faculty members to the various student-centered teaching methods. Questionnaires were used to collect information. The workshop was conducted from 28 September 2020 to 8 October 2020. The workshop was attended by 13 faculty members from the college.

This Faculty development program is organized in two phases

Phase I: In the phase I All the faculty members present one student centric teaching method or approach and also share various best practices about teaching methods they have used in their teaching.

Further teaching methods and teaching approaches were discussed in this workshop Problem Based learning, Group discussions Constructivist learning, Cooperative learning,

Active learning, Jigsaw method, Flipped classroom, Massive open online course

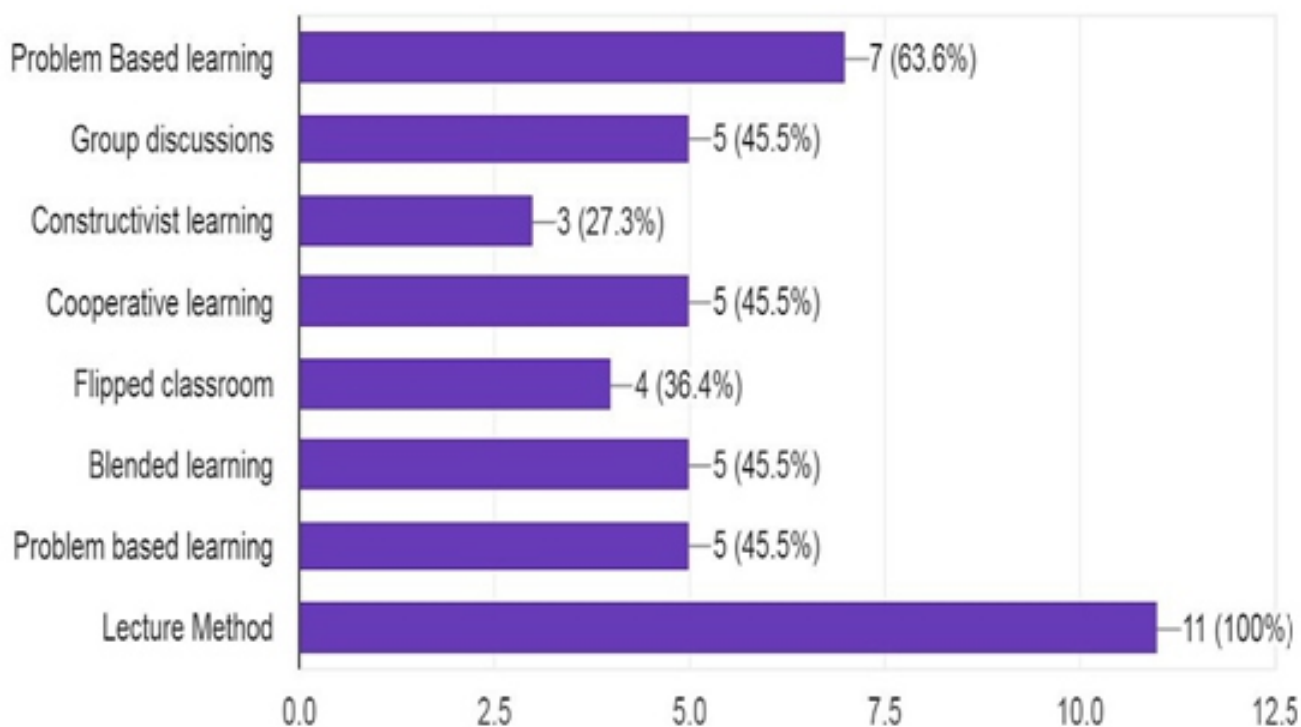
(MOOCs), Blended learning, Problem based learning, Self directed learning. It was discussed by giving information about two teaching methods every day. Each faculty member was asked to study a teaching method and make a presentation. In addition to these three teaching methods, the best practices used in teaching by each different professor were also discussed.

Phase II: In the second phase, lectures were conducted by persons with knowledge and experience of teaching methods in the field of education.

Analysis and Interpretation

Which of the following teaching methods did you use in your teaching?

- From the above analysis, it can be seen that professors have used different teaching methods while teaching.



- The most used is the lecture method and the least is the constructivist method

Best Practices shared by Faculty members

- The Corona epidemic caused students to be in their homes. So the BMI of the family project was given to the students. So that they could use the knowledge they got in their home. As a result, it may have helped to create a sense of well-being at home
- Analysis of a Motivational Video & Review of a research on Sports Psychology - SP Preparing Questionnaire on various Psychological Aspects, Analyzing subjects and interpreting their scores
- Group discussion on Tele Conference, Fitness Testing at Home, Survey of PE & Sports evaluation in school
- Asked to analyse VDO clips
- Discuss lots of case studies related to sports Management.. Arranges the guest lectures from the sports industry.
- Students were asked to create a video of a fitness test administration. And was asked to make a presentation in front of all the students. This led to both the application of knowledge and the acquisition of new technological skills. Cooperative learning method was used due to the presentation by the students.

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