



Name of the training : Reforms in Outcome Based Education (OBE) and Bloom's Taxonomy
Venue : Computer Science 4th Semester Classroom
Date : 18th May 2019
Total participants : 60
Target audience : All faculty members
Resource Person: Dr. Subhas A Meti
Professor & HOD
Dept of ECE, SKSVMACET, Lakshmeshwar

Introduction:

The training was organized as per direction of principal sir to give complete picture of Outcome Based Education (OBE) and Bloom's Taxonomy and its importance in NBA Process to all faculty members of SKSVMACET, Lakshmeshwar.

About Participant:

The participants of the workshop were from different disciplines of engineering program and basic science.

Training goal:

The main objective behind the training workshop on **"Outcome Based Education (OBE) and Bloom's Taxonomy"** is to get the participants learn the essential ins and outs of outcome based education and its significance, how OBE helps in teaching learning process. And also about bloom's learning level, how to enhance learning level and raise the skill sets of 21st century graduating students.

The faculty member needs to understand why quality and skill set of engineering graduates is degrading? What are demands of core/software industry? How the OBE and Blooms Taxonomy helps to cultivate or boost the professional skill set of graduating engineers.

Workshop Contents:

1. Facts about graduating engineers.
2. Is learning happening? If no what is solution.
3. Key drivers for change in teaching learning process
4. How to connect the institute vision mission through curriculum delivery.
5. Attainment of Program educational objectives.



Training in brief:

The main objective of the training is to get familiar with terminologies of Outcome Based Education (OBE) and Bloom's Taxonomy. How these tools were used to cultivate good practices in teaching learning process of 21st century graduating engineers.

The big question raised was, is our students learning? Can they lift their level?

Trainer said it is not the problem with students. Its the standard what we (faculty) set. As a faculty we all need raise the level, bring in more pedagogy activities in course, give the clear picture of what is your expectation in your respective course (subject) from the students well in advance. Students inherently sync the deadlines assigned by you. Which intern cultivates professional skill set requirements of industry in graduates?

The detailed deliberation and discussion carried out on outcome based education with how to formulate the program educational objectives (PEO). How to attain them. What compliments to attaining the PEO.

Then for each Programme Outcome (PO) department wise we need to identify the **Competencies** and **Performance Indicator (PI)**. Trainer also gave the information that AICTE already given set of competencies and performance indicator. As a faculty you need pick which competencies and performance indicator fits your pedagogy activity.

Design and Implementation of OBE is Top to down approach and assessment process is down to top. As assessment plays great role in attainment of any objective set.

Later deliberations were on Course Outcomes (CO). How to formulate course outcomes and its significance and role of faculty in formulating course outcome and selecting appropriate activity to compliment to written CO's.

After this Bloom's Learning Levels were discussed and deliberated. Most of the question set by us falls into first two learning levels that is just remember/ recall and write.

Hardly we test their knowledge of Apply, analyse, evaluate and create. So, further how to bring in such questions into framework and actions verbs of each learning level are discussed with suitable examples of each programme.

Finally training completed with conclusion drawn from the training.

- Curriculum reforms based on OBE approach should be a collaborative effort. That is every member (board member/Principal/faculty/staff/alumni) of institute play great rule, we all must sit and deliberate and draw the conclusions from it.
- It challenges some of our beliefs and mental models. Our own understanding about the OBE and Bloom's taxonomy terminologies.
- But our efforts make big difference to our students' learning experience. So that they have skill requirements of 21st century, when they graduate from SKSVMACET, Lakshmeshwar.



Report Prepared by:

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