

**AICTE & GTU Sponsored One Week
Faculty Development Program On
Excellence Through Outcome Based Education in Pharmacy
26—30 March 2019**

Summary of the Program

AICTE & GTU Sponsored One Week Faculty Development Program on Excellence through Outcome Based Education in Pharmacy was organized at L. M. College of Pharmacy from 26-30 March, 2019. There were total 55 participants registered from various pharmacy institutions across the Gujarat. We have invited total 10 speakers. The programme started from 26th March with an Inaugural function. The Chief Guest of program, Dr Navin Sheth VC GTU emphasised the importance of faculty development program on topic like excellence through outcome based education and the need of updating in teaching learning methodologies.

Dr. CJ Shishoo, the guest of honor, had enlightened the audience with current advances in pharmacy and the utmost requirement of newer drug therapy in TB and AIDS.

The first session was addressed by Dr Anuradha Gajjar on Understanding the OBE framework. She focused on the basics of OBE, its key constituents and its benefits. She emphasised on the concept of learner centric approach. She also focussed on Constructive alignment and articulating effectively. She discussed on learning outcomes and how to design them. She differentiated between program outcomes and course outcomes and their assessment techniques.

The second session was presented by Dr. Ratnik Gandhi on Alignment outcome through goal sheet. He had emphasized on need for education system to upgrade through active learning and flipped classes. He trained the participants on how to prepare the goal sheet, teaming goals and to identify outcomes.

The third session was on Educational Ethics by Dr. H D Charan, vice chancellor of Bikaner University. He highlighted on the need of moral ethics in teaching as teachers play an important role in shaping the society. Right understanding, Right human relationships and physical facilities are the requirements for co-existence in the society.

The last session for the day was delivered by Dr Tejal Mehta on Approaches for assessing learning outcomes. She had emphasized on correlation between program outcomes and

course outcomes. The pros and cons of such assessment system and its practical applicability was discussed.

On second and third day we had sessions from Dr. Anju Rawlley and Dr. Chanchal Mehra from NITTR, Bhopal. One of the topic discussed was Qualitative assessment using Rubrics. In that various technical and generic POs for diploma and degree courses were discussed. Assessment tool like Rubrics which is a combination of checklist and descriptive rating were explained. They stressed on objective of learning outcome should be SMART (Specific, Measurable, Attainable, Realistic and Time appropriate).

Second topic discussed by Dr. Chanchal Mehra was on Instructional material design and development. She explained various instructional material for teaching and learning like Handouts, assignment sheets, e-contents, laboratory sheets, videos, project guidelines, etc. She has also explained about Dale cone of experience, principles and categories of learning, events of instruction and ADDIE model (Analysis, Design, Development, Implementation and evaluation).

On the third day Prof. Anju took session on 'Project based learning' and made us aware about its importance in every programme. She emphasized that a project based learning, may it be mini or micro or working projects can improve learner's complex abilities i.e. cognitive plus psychomotor plus affective. At the end all participants were given an exercise to define a project title with its rationale and outcomes to be attained.

Prof. Chanchal Mehra in her session on 'Integrating ICT techniques in teaching learning' emphasized need of connecting diverse learners. She also described different models, synchronous learning to generate an active learner. She inducted to explore many government and private websites available which caters such IC techniques for learning.

A practical session on building Rubrics for pharmacy was conducted by Dr. Manan Raval. He assigned the exercises on building the various COs (Affective, Psychomotor and cognitive) for different subjects like Pharmaceutics, Pharmacology, Pharm chemistry and Pharmacognosy.

On fourth day the sessions were handled by Dr. Sulabha Natraj and Dr. Nandita Acharya. Prof. Sulabha had a highly interactive session with all delegates on teaching methods in OBE. She explained techniques of teaching which help the Faculty to make the students alert as well as involved in learning process. She discussed Bloom taxonomy of learning by students and classified the teaching instructions in to Lots, Mots and Hots. She explained about Abraham Maslow's relativity plot which shows faculty should add values in students through induction of affective domain.

Dr. Nandita Acharya explained Assessment tools in OBE with Practical Emphasis, how faculty can help the students to develop high thinking abilities by creating an atmosphere which make the students good learner. She emphasized that faculty should move on to alternative assessment tools for betterment of students by grading them and using rubrics to assess them. She discussed about the importance of Session planning and concept mapping for good execution of teaching. She also took a session on designing a good Question paper. An ideal

Question paper should give equal weightage to Lots, Mots and Hots which use thinking abilities of students and applicability of different concepts of curriculum.

On last day of FDP the first session was conducted by Dr. Jayant Dave on Professional Ethics, Social and Attitudinal Skills in which he elaborated the significance of ethics and moral values in pharmacy profession and gave remarks about its application in academics, research and business in healthcare systems.

At the end of all sessions an examination was conducted and evaluated. All participants scored good marks which indicate thorough understanding of the subject.

At the end of session Dr. Shrinivas Savale briefed the participants regarding AIC-LMCP FOUNDATION established under Niti Aayog and were taken for a visit. All the participants were delighted to see the facilities developed by AIC.

Thus, this one week FDP has enlightened and enriched the faculties with this newer concept of outcome based education and hope they will implement in day to day practice to shift from teaching to learning perspective.

