

FDP

Learning Outcome Based Curricular Framework (LOCF)

Date: August 29, 2020

Venue: Held Online

Details of Resource person

S.No	Speaker's Name	Speaker's Designation	Institutional Address	Email address
1	Dr. T.G. Sambanthan	Former Professor & Head, Dept. of CSE	National Institute of Technical Teachers Training & Research, Chennai	tgsambanthan@gmail.com

No. of Participants/Beneficiaries:

Teaching: 160 Approximately

Name of the activity Coordinator: Dr. Rimika Singhvi

Objective of the workshop/seminar/activity:

To develop an understanding of outcome-oriented higher education for enhancing the employability of graduates through curricular reform based on LOCF

Summary/Description:

To adopt the developments in the higher education sector, a one-day online Faculty Development Programme on **Learning Outcomes-based Curricular Framework (LOCF)** was organized. The resource person was **Dr T. Gnana Sambanthan**, Former Professor, Dept. of CSE, NITTTR, Chennai. Dr Rimika Singhvi, Coordinator- FDP Committee was the moderator was the session. Dr Singhvi formally introduced and welcomed the distinguished speaker.

Dr Sambanthan commenced his session by highlighting the fact that initially all the institutions superficially adopted LOCF based on various accords like Washington Accord (1989), Dublin Accord, Sydney Accord, NAAC Accord etc. which were incorporated a mandatory requirement of accreditation and gradually the institutions have learned the principles of Outcome-based education (OBE) and have applied it as an integral component of their teaching-learning and assessment methods. Dr Sambanthan discussed in detail the key features of OBE i.e. non-linear, learner centric, objective driven, holistic, flexible, thematic and skilled-

based. He stated it focuses on continuous formative assessments that help in better evaluation of the student's progress.

Dr Sambanthan acquainted the participants with the fundamental principles on the framing of Programme Educational Objectives which are linked with the vision and mission of the institution and the specific course. He mentioned that at present, NAAC has consulted the Washington Accord and recommended five PSOs which can be taken as standards by the institutions or the institutions can design their own PSOs in alignment with these recommendations. After this the course outcomes are designed which, the student achieves at the end of each course. There are more than 500 learning outcomes in the world, the teachers have to select the specific learning outcome imbued with competencies and map it with their COs and POs. After designing the POs and COs the teacher has to apply rubrics for the assessment.

According to the research conducted by Dr Sambanthan of over 280 research publications, OBE is following exploratory learning principle and can be attained by pedagogical method called meta-cognitive domain, which has to be taken care in all the activities of OBE by the teacher. Dr Sambanthan believes and has proven facts that reveal that principles of OBE have originated from ancient India. This methodology was adopted by the ancient 'rishi-munis' to impart education to their students.

He elucidated that accurate assessment of the learning outcomes is only attainable with the assistance of a Virtual Learning Environment like Moodle etc., else OBE will become a complex exercise with enormous paper-work. He said that after analyzing the student characteristics, teacher characteristics and institutional characteristics a deep anatomy of fundamental core (specific learning areas), contemporary core and disciplinary core is required to develop holistic POs which should imbibe knowledge, skills and aptitude for real-world problem solving, this would motivate the students to learn the concept. Dr Sambanthan concluded his session by saying that the ultimate objective that the student should become lifelong self-regulated learners. After the discussion, the session concluded with a formal vote of thanks by Dr. Rimika Singhvi. More than 160 teachers participated in the FDP.

Outcome of the activity/event/seminar/workshop:

A better understanding of the OBE philosophy and principles; demystification with regard to PEOs, POs and COs; and, learning to move from LOs to POs, in terms of imbibing skill with behaviour-competencies.

Faculty Development Programme on Learning Outcomes-based Curricular Framework (LOCF)

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“Learning Outcomes-based Curricular Framework”

Background & Overview of
Outcome Based Instructional Systems for Humanities/Sciences

By

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Dr. T. G. Sambanthan (Guest)

Slide 1 of 47 - Office Theme

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Neha Sharma Rimika Singhvi Dr. T. G. Sambanthan (Guest) raakhi gupta (Guest) Pooja Choraria

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Faculty Development Programme on Learning Outcomes-based Curricular Framework (LOCF)

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Grid of participant video feeds

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Nirupama Singh Rimika Singhvi raakhi gupta (Guest) Dr. T. G. Sambanthan (Guest) Vijay Singh Rathore

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