

## Workshop Proposal

### Effective Implementation of OBE

#### Abstract:

This workshop shall address topics related to Outcomes Based Education, and the various parameters addressed during accreditation. The sessions shall address: (i) OBE, need and benefits; (ii) Vision-Mission, PEOs, POs and PSOs; (iii) Bloom's Taxonomy, POs and NEP; (iv) COs aligned to POs; (v) Curriculum design and Expectations; (vi) Theory Course: Design, Delivery and Assessment; (vii) Laboratory Course: Design, Delivery and Assessment; (viii) Projects, Seminars, internships; (ix) Student details from Admission to Convocation; (x) Faculty performance and contribution; (xi) Continuous improvement through CO, PO attainments; (xii) The NBA SAR. Every session shall include the significance, the expectations and typical correct and incorrect examples. At the end of the Workshop, all participants shall be able to comprehend the essence of OBE and introduce improvements in course design, delivery and assessments, eventually leading to an effective implementation of OBE and accreditation of the program. individual

#### Duration:

Four Weeks: of 24 hours direct contact hours (Twelve online Sessions conducted on Mondays, Wednesdays and Fridays from 3:00 pm to 5:00 pm) using GotoMeeting.

#### Prior Experience:

**Author of the Book: 'Effective Implementation of OBE Leading to Accreditation'**, by Indian Society for Technical Education (ISTE), under the Working Professionals Learning Project, an AICTE Project., 10<sup>th</sup> September 2020, ISBN: 978-81-89731-23-6.

#### Relevant Publications:

B Kanmani, Shreenivas B and Gururaj C, '**Ensuring OBE through Curriculum: An Example**', Indian Journal of Technical Education by Indian Society for Technical Education, Vol 46, Issue 4, October-December 2023; pg 1-14. [www.isteonline.in](http://www.isteonline.in)

B Kanmani, C Gururaj and Shreenivas B, '**Simplified method for computing Attainments in the OBE Framework**', Indian Journal of Technical Education by Indian Society for Technical Education, Vol 47, Issue 1, January- March 2024; [www.isteonline.in](http://www.isteonline.in)

Single handedly conducted the following Workshops:

- Handled the session on, '**Blooms Taxonomy, OBE and NEP**', during the ATAL FDP at Dayananda Sagar College of Engineering, on February 8, 2024.

- Through Online mode, **‘Course Design’ and ‘Defining Course Outcomes’** by The School of Electronics and Telecommunication Engineering, MIT Academy of Engineering, Alandi, Pune, January 17, 2024
- **‘Curriculum design in the OBE Framework’**, organized for faculty members of the college, by IQAC of KPR Institute of Engineering and Technology, Coimbatore, January 20, 2024
- **‘Effective Implementation of OBE’**, organized by the IQAC, Amal Jyothi College of Engineering Kanjirappally, Kottayam Dt., Kerala on, December 7, 2023
- **‘Effective Implementation of OBE’**, organized by the IQAC, KPR Institute of Engineering and Technology, Coimbatore, on November 25, 2023
- **‘Effective Implementation of OBE’**, organized by the IQAC, Guru Nanak Dev Engineering College, Ludhiana, on November 16, 2023
- **‘Effective Implementation of OBE’**, organized by the IQAC, Yaswanthrao Chavan College of Engineering, on Nagpur November 8, 2023
- **‘Outcomes Based Education’**, at PSG Institute of Technology and Applied Research, Coimbatore, on 16 September 2023
- Online session on, **‘Graduate Attributes and Program Outcomes’**, during the One week Faculty Development program on, Outcome based Teaching and Learning (OBTL) program conducted by Sharda University, Greater Noida, on July 3, 2023
- **‘Effective implementation of Outcomes Based Education’**, for the Faculty members of PSG College of Technology, Peelamedu, Coimbatore, Tamil Nadu, on June 14, 2023
- **‘Effective implementation of OBE leading to accreditation’**, for the Faculty members of Dr Mahalingam College of Engineering and Technology, Pollachi, Tamil Nadu, on June 2, 2023
- The forenoon sessions, during the KTU Sponsored One week Faculty Development Programme (FDP) on **Outcome-Based Education: Adopting Effective Pedagogy**, organized by Jyothi Engineering College, Cheruthuruthy, Thrisuur, Kerala- 679531, February 2, 2023

### **Interactive:**

The session is completely interactive. In addition, a WhatsApp group shall be created to encourage sharing of results. Every 15 to 20 minutes, shall include a question that solicits answers from participants. Participants can unmute and speak/ enter their opinion in the chat window.

In addition, participants shall need to take up Quiz and submit assignments.

### Proposed Finance Model:

Registration fee: Rs 1,800/- per participant (with 20% discount for IUCEE consortium member faculty). The revenue sharing model: (i) BMS College of Engineering: 20% of registration fee; (ii) IUCEE: 20% of registration fee; (iii) Incidental expenses: 10% (certificates; student volunteer support; etc); (iv) Contribution to Society: 50% of registration fee, that shall be donated to the identified NGO (S K Shivakumar Memorial Trust that contributes to local schools and the department of Electronics and Telecommunication Engineering has an MOU signed <https://sksmemorialtrust.com/>); Honorarium to Resource Person: ZERO.

The Workshop is an activity of Social Responsibility

### Profile:

B Kanmani, obtained her Bachelors in Electronics and Communication Engineering from Nagarajuna University in 1987, M.Tech. in Digital communication from Indian Institute of Technology, Kanpur in 1990, and PhD from the Indian Institute of Science Bangalore (IISc) in the year 2006. Born in the traditional and ancient city of Tiruchirapalli, she has had her initial education in the states of Maharashtra, Andhra Pradesh and Karnataka. She has been with BMS College of Engineering, Bangalore, since 1995, and has to her credit publications in the domain of Signal processing, Signal Processing Education and Engineering Education. She has successfully completed AICTE funded MODROBS and the IIPC projects. She has published a Book on 'Effective Implementation of OBE leading to Accreditation', through the ISTE, WPLP, AICTE project. She has uploaded few lectures on 'Digital Signal Processing' and 'Outcomes Based Education', on her You Tube Channel- Kanmani's Lectures. She has served as Dean-Academics, for a period of two years; and she has served as the Head of the Department, for a period of fifteen years. She handles the under-graduate courses on Signal Processing and Communication. Her prior employment as a teaching faculty was with Thadomal Shahani College of Engineering (Mumbai) and K L College of Engineering (Guntur). She is Senior Member IEEE, Fellow IETE and Life Member ISTE.

**NOTE:** This is an individual Workshop Proposal by **B Kanmani**, and NOT through the TLC of BMS College of Engineering