



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Event Outcome

Title : Effective Implementation of OBE and Nuances of Accreditation Process

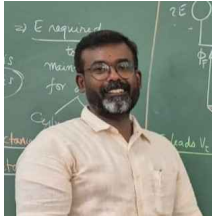
Date : 2025-11-17 - 2025-11-21

Time : 10:00 - 17:30

Venue : TT311

- To understand the different initiatives taken for Quality Assurance in Technical and Higher Education.
- To provide knowledge and skill on the latest outcome based systems of NBA and do Self Assessment.
- To interpret requirements of NBA Accreditation Criteria and define PEOs POs and Evaluation Guidelines.
- Understand Outcome Based education & Accreditation
- To incorporate Creativity in Teaching and use of digital tools in Teaching Development of Participating learning techniques.

	<p>Resource Person 1 - Details Name : Albert Alexander S Designation : Associate Professor Sr., School of Electrical Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 2 - Details Name : Renuga Devi S Designation : Professor Grade 2, School of Electronics Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 3 - Details Name : Prashanth R Nair Designation : Professor, Amrita College of Engineering Coimbatore University/ Company : Amrita Vishwa Vidyapeetham, Coimbatore Address : India , 642109.</p>
	<p>Resource Person 4 - Details Name : Dr C Maheswari Designation : Professor, Kongu Engineering College University/ Company : Kongu Engineering College , Kongu Address : India, 638060.</p>
	<p>Resource Person 5 - Details Name : UDHAYAKUMAR K Designation : Professor Anna University, Anna University University/ Company : Anna University, Chennai Address : India, 600025.</p>
	<p>Resource Person 6 - Details Name : A Abudhahir Designation : Professor, B S Abdur Rahman Crescent Institute of Science and Technology University/ Company : B S Abdur Rahman Crescent Institute of Science and Technology, Chennai Address : INDIA, 600048.</p>
	<p>Resource Person 7 - Details Name : Dr S Kalyani Designation : Subject Matter Expert Level three, L and T EduTech Larsen and Toubro Limited Chennai University/ Company : L and T EduTech Larsen and Toubro Limited Chennai, Chennai Address : INDIA, 600089.</p>
	<p>Resource Person 8 - Details Name : Dr R Seyezhai Designation : Professor, SSN College of Engineering chennai University/ Company : SSN College of Engineering chennai , Chennai Address : INDIA, 603110.</p>

**Resource Person 9 - Details****Name :** R Suja Mani Malar**Designation :** Associate Professor, NITTTR Chennai**University/ Company :** NITTTR Chennai, Chennai**Address :** INDIA, 600113.**Resource Person 10 - Details****Name :** P Raja**Designation :** Professor , Electrical Engineering**University/ Company :** NIT Trichy , NIT Trichy**Address :** INDIA, 620015.**Resource Person 11 - Details****Name :** Dr S Shankar**Designation :** Director, Promind Research Academy**University/ Company :** Promind Research Academy , Erode**Address :** INDIA, 638012.

Resource Person's Profile :

1. Profile of Albert Alexander S

Dr.S. Albert Alexander is the recipient of prestigious Raman Research Fellowship from the University Grants Commission (Government of India). He is a Postdoctoral Research Fellow from Northeastern University, Boston, Massachusetts, USA. His current research focuses on fault diagnostic systems for solar energy conversion systems and smart grids. He has 16 years of academic and research experience. He has published 90 technical papers in International and National journals.

2. Profile of Renuga Devi S

Professor in Department of Communication Engineering in School of Electronics Engineering at VIT Vellore

3. Profile of Prashanth R Nair

Dr. Prashant R.Nair Head and Vice-Chairman, IQAC
Amrita Vishwa Vidyapeetham,
Coimbatore

4. Profile of Dr C Maheswari

Dr. C. Maheswari is an Associate Professor in the Department of Mechatronics Engineering at Kongu Engineering College, Erode, Tamil Nadu, India.

5. Profile of UDHAYAKUMAR K

Professor in Department of Electrical and Electronics Engineering, Anna University

6. Profile of A Abudhahir

Dr. Abudhahir is a Professor in the Electrical and Electronics Engineering department at B.S. Abdur Rahman Crescent Institute of Science Technology in Chennai. He also serves as the Director of the Internal Quality Assurance Cell (IQAC) and has a strong background in outcome-based education (OBE) and National Board of Accreditation (NBA) accreditation processes. His expertise includes instrumentation, signal processing, and control systems.

7. Profile of Dr S Kalyani

S. Kalyani is an Subject Matter Expert in Electrical and Electronics Engineering (EEE) and Electric Vehicles (EV) at L and T EduTech She is also a Professor and former Head of the Department at Kamaraj College of Engineering and Technology.

8. Profile of Dr R Seyezhai

Seyezhai R. Professor, SSN College of Engineering and research area includes fuel cells multilevel inverter inter leaved boost converter.

9. Profile of R Suja Mani Malar

Dr. R. Suja Mani Malar, Associate Professor, Department of EEE, NITTTR, Chennai.

10. Profile of P Raja

He has worked as Lecturer in PSNA College of Engineering and Technology, Dindigul (2002-2006), Tamil Nadu and served as a Senior Lecturer in Amrita School of Engineering, Bangalore, Karnataka (2006). He is presently an Assistant Professor in the Department of Electrical and Electronics Engineering at National Institute of Technology, Tiruchirappalli, India, where he has been, since May 2006. He is current holding a post of Associate Dean (Academic Reforms) at NIT Tiruchirappalli.

11. Profile of Dr S Shankar

Dr. S. Shankar obtained his Bachelor degree in Mechanical Engineering (2001) and Master degree in Engineering Design (2002) from Bharathiar University, where he secured University Rank I in Engineering Design. He earned his Ph.D. in Machine Design Mechanical Engineering from the Indian Institute of Technology Madras in 2008. Following this, he served as a Senior R and D Engineer at CONVERTEAM EDC Pvt Ltd chennai.

Outcome-Based Education (OBE) is a learner-centric educational model primarily focused on measuring student performance through defined outcomes. These outcomes are typically categorized as knowledge, skills, and attitudes.

The core focus of OBE lies in the comprehensive evaluation of the program's results, explicitly stating the knowledge, skills, and professional behaviors a graduate is expected to acquire upon successful completion of the program, and crucially, what they should retain or achieve after 4-5 years of graduation (Program Educational Objectives - PEOs).

A major catalyst for the mandatory adoption of OBE in Indian engineering institutions was the induction of India into the Washington Accord in 2014, secured through the permanent signatory status of the National Board of Accreditation (NBA). This recognition is a significant advancement for India's higher education system.

The Washington Accord is an international agreement among bodies responsible for accrediting engineering degree programs. Gaining signatory status means that an engineering degree accredited by the NBA is recognized as substantially equivalent to those accredited by other member nations (e.g., USA, UK, Australia). This directly allows Indian engineering graduates to seek employment and professional licensing in other host countries that are signatories to the Accord.

To ensure compliance with the quality standards and international equivalency mandated by the Accord, it is mandatory for Indian Engineering Institutions seeking NBA accreditation to adopt and rigorously implement the Outcome-Based Education (OBE) model. Institutions that successfully integrate and align their curriculum, teaching methodologies, and assessment systems with the OBE framework find the process of obtaining and maintaining NBA accreditation significantly streamlined.

LAPTOP, Smart Board

**Coordinator's: Prof. SONAM SHRIVASTAVA 16177 - Assistant Professor Sr. Grade 2 -
SELECT
Prof. ALBERT ALEXANDER S 19693 - Associate Professor Sr. -
SELECT**