



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 : 2024-12-02 - 2024-12-06

Time : 10:00 - 17:30

Venue : TT 311

- To understand the different initiatives taken by Government of India 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 and POs and Evaluation Guidelines.
- Understand Outcome Based education & Accreditation
- To incorporate Creativity in Teaching and use of digital tools in Teaching and Development of Participating learning techniques

	<p>Resource Person 1 - Details Name : Udhayakumar K Designation : Professor, Electrical Engineering University/ Company : Anna University, chennai Address : India, 600025.</p>
	<p>Resource Person 2 - Details Name : R Suja Mani Malar Designation : Associate professor , Department of Electrical Electronics and Communication Engineering University/ Company : NITTTR Chennai, Chennai Address : India, 600113.</p>
	<p>Resource Person 3 - Details Name : Prashanth R Nair Designation : Associate Professor, School of Computing Coimbatore Campus University/ Company : Amrita institute of technology Coimbatore , coimbatore Address : india, 641112.</p>
	<p>Resource Person 4 - Details Name : Dr R Seyezhai Designation : professor, Electrical engineering University/ Company : SSN College of engineering, chennai Address : india, 600020.</p>
	<p>Resource Person 5 - Details Name : Dr Jagannatha Rao Designation : Professor, Electrical Engineering University/ Company : K L university, Andhra Pradesh Address : india, 522302.</p>
	<p>Resource Person 6 - Details Name : Dr S KALYANI Designation : Professor, L and T EduTech Larsen and Toubro Limited University/ Company : L and T EduTech Larsen and Toubro Limited Chennai , Chennai Address : india, 600089.</p>
	<p>Resource Person 7 - Details Name : Dr P Raja Designation : Professor, Electrical Engineering University/ Company : NIT Trichy , Trichy Address : india, 620015.</p>
	<p>Resource Person 8 - Details Name : Albert Alexander S Designation : Associate Professor Grade 2, School of Electrical Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>

**Resource Person 9 - Details****Name :** Thanikaiselvan V**Designation :** Professor Grade 2, School of Electronics Engineering**University/ Company :** VIT, Vellore**Address :** India, 632014.**Resource Person 10 - Details****Name :** Dr Felix Bast**Designation :** Professor, Department of Botany**University/ Company :** Department of Botany Central University of Punjab,
Bathinda**Address :** india, 151401.

Resource Person's Profile :

1. Profile of Udhayakumar K

Experienced and accomplished Professor with a demonstrated history of working in Academia. Strong education professional skilled in Lecturing, Curriculum Development, Students Mentoring, Career Guidance, Skill Development, Research and Project Guidance, Faculty Development, E-Learning, Higher Education, Industry Collaboration and Placement.

2. Profile of R Suja Mani Malar

Dr. R. Suja Mani Malar is working as an associate professor in the Department of Electrical, Electronics, and Communication Engineering, NITTTR, Chennai. She received a B.E. degree in Electrical and Electronics Engineering from Manonmaniam Sundaranar University and M.E. degree in Process Control and Instrumentation from Annamalai University. She had completed a Ph.D. degree in the area of control and instrumentation from Anna University, Chennai. She also obtained MBA (Education Management) deg

3. Profile of Prashanth R Nair

Prashant R. Nair currently serves as an Associate Professor at School of Computing, Coimbatore Campus. He also coordinates the National Board of Accreditation (NBA) process at Amrita School of Engineering, Coimbatore campus

4. Profile of Dr R Seyezhai

Dr.R.Seyezhai Professor in Electrical and Electronics Engineering has 24 years of teaching and research experience including 17 years of research experience in Power Electronics and Renewable Energy Systems. She received her B.E. from Manonmaniam Sundaranar University in 1996 and M.E in Power Electronics and Drives from Bharathidasan University in 1998 and Ph.D. from Anna University, Chennai.

5. Profile of Dr Jagannatha Rao

Prof. K.S. Jagannatha Rao was one of the leading scientists in neuroscience research in globe He was the Director on Institute for Scientific Research and Technological Advances (INDICASAT AIP), Republic Panama and contributed lot in building innovation in higher education and research in Panama since 2010. played a key role in building PRISM (Panamanian Research Institutes of Science and Medicine) in Latin America and established 7 Centres in this institute, The Institute attracted funds from

6. Profile of Dr S KALYANI

professor and head Kamaraj College of Engineering and Technology

7. Profile of Dr P Raja

Dr. P.Raja was born on 22-07-1979 in Tuticorin, Tamil Nadu, India. He obtained his B.E (Electrical and Electronics Engineering) from Dr. Sivanthi Aditanar Engineering College Tiruchendur (Manonmaniam Sundaranar University Tirunelveli) in 2000 and M.Tech. degree in Energy Systems and Indian Institute of Technology Madras, Chennai in 2002. He has completed his Ph.D in the area of Reactive Power Control for Wind-driven Induction Generators at National Institute of Technology, Tiruchiappalli, 2013.

8. 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 (including IEEE Transac

9. Profile of Thanikaiselvan V

Working as an Assistant Director -IQAC and a Professor Grade - 2 at Vellore Institute of Technology, Vellore, India.

Doing Research in Information Security, Digital Image Processing and Digital Communication.

10. Profile of Dr Felix Bast

As a full professor, Prof. Dr. Felix Bast is based at the Department of Botany, Central University of Punjab (Ministry of Education, Govt. of India). He has been working in CU Punjab since May 2010.

Outcome based education (OBE) is learner-centric model that focuses on measuring performance through outcomes. Outcomes include knowledge, skills and attitudes. Its focus remains on evaluation of outcomes of the program by stating the knowledge, skill and behavior a graduate is expected to attain upon successful completion and after 4 to 5 years of graduation. The induction of India in the Washington Accord in 2014 with the permanent signatory status of The National Board of Accreditation (NBA) is considered a big leap forward for the higher-education system in India. It means that an Engineering graduate from India can be employed in home and other host countries who are signatories to the Accord. For Indian Engineering Institutions to get accredited by NBA according to the pacts of the Accord, it is mandatory that engineering institutions follow the Outcome Based Education (OBE) model. Accreditation can be easily obtained once institution adopts and integrates OBE into their system. The OBE model measures the progress of the graduate in three parameters, viz., Program Educational Objectives (PEO), Program Outcomes (PO), and Course Outcomes (CO). The institution is at liberty to choose an appropriate method of assessment during the program. The adoption of OBE at engineering institutions is considered to be a great step forward for higher education in India but the actual success lies in the effective adoption and stringent accreditation process to ensure the quality of education is sustained.

LAPTOP

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