

**Report on  
One Day Workshop on “Imparting Quality in Teaching & Learning  
through Outcome Based Education”**

<b>Date</b>	:	26.09.2024
<b>Mode</b>	:	Physical & Online – WebEx (for KLUH Campus Faculty)
<b>Time</b>	:	10:30 am to 4:30 pm
<b>Organized By</b>	:	Internal Quality Assurance Cell (IQAC), Academic Staff College (ASC) and Office of Dean-Academics
<b>Target Audience</b>	:	<ul style="list-style-type: none"> <li>• Associate Deans of Academics, IQAC &amp; ASC</li> <li>• Department IQAC In-charges</li> <li>• Professor In-charges (Academics) from ALL Depts</li> </ul>

**Workshop Brochure:**



**ONE-DAY WORKSHOP**  
on  
**IMPARTING QUALITY IN TEACHING & LEARNING THROUGH OUTCOME BASED EDUCATION**

**Organized by**  
**IQAC**  
Internal Quality Assurance Cell

**in collaboration with**  
**ASC & Academic Division**  
Academic Staff College

**26 September, 2025**

**Koneru Lakshmaiah Education Foundation**  
(Deemed to be University Estd. u/s 3 of 1956 Act)  
Green fields, Vaddeswaram, Guntur Dt, AP, India

**Chief Patron**  
Er. Koneru Satyanarayana –President/ Chancellor

**Patrons**  
Dr. K. S. Jagannatha Rao –Pro Chancellor  
Dr. G.P. Saradhi Varma –Vice Chancellor  
Dr. K. Rajasekhara Rao –Pro-Vice chancellor  
Dr. N. Venkatram –Pro-Vice chancellor  
Dr. A.V.S. Prasad –Pro-Vice chancellor  
Dr. K. Subba Rao –Registrar

**Convener**  
Dr. K. Rama Krishna – Dean (Quality)

**Co-Conveners**  
Dr. Ch. Radhika Rani – Principal (ASC)  
Prof. Hari Kiran Vege – Addl. Dean Academics

**Coordinator**  
Dr. K. V. Narasimha Rao – Associate Dean (Quality)

**Organizing Committee**  
Dr. P. Lakshmi Prasanna – Associate Daan (Quality)  
Mr. M. Lakshmana Kumar – Associate Dean (Quality)  
Dr. Nagesh Mantravadi – Associate Professor  
Dr. T. Tejasreenu – Assistant Professor  
Dr. Aravindhan Alagarsamy – Associate Professor  
Mr. K. Anil Kumar – Manager

**Accreditation & Rankings:**  
 **26**  
 **Rank between 06-25**  
 **DIAMOND**  
 **Band A**  
 **E-LEAD**



The KL College of Engineering was established in the Academic Year **1980-81** and attained autonomous status in 2006. Deemed University (Koneru Lakshmaiah Education Foundation Deemed to be University) status has conferred in the year 2009 under Section 3 of UGC act 1956. The University has accorded Category-1 status.

**WORKSHOP OBJECTIVES**

- To create awareness of Outcome-Based Education (OBE) and its importance
- To create awareness on implementing Outcome-Based Education (OBE) in Teaching & Learning
- To make the participants self-reliant in executing Outcome Based Education (OBE)

**RESOURCE PERSON**



**Prof (Dr.) MURUGANATHAM PONNUSAMY**  
**REGISTRAR**  
Indian Institute of Information Technology  
Dharwad

**PROGRAM SCHEDULE**

10.00	Inauguration
10.10	Welcome address by Dean- Quality
10.15	Opening remarks by Pro chancellor/ Vice chancellor
10.25	Introduction of resource person
10.30	SESSION – 1 by Resource person
11.30	TEA Break
11.45	SESSION – 1 continues...
13.00	LUNCH Break
14.00	SESSION – 2 by Resource person
16.00	TEA Break
16.15	Quiz
16.30	Valedictory

**Contact Us**

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Mr. K. Anil Kumar         - 94944 18834  
iqacworks@gmail.com

**TARGET AUDIENCE**

- Associate Deans of ACADEMIC DIVISION
- Associate Deans of IQAC
- Professor incharge (Academics) of all Departments
- Department IQAC incharges

**REGISTRATION**

Participants need to register for the workshop through the link provided here.

**NO REGISTRAION FEE**

- An **E-Certificate of Merit** will be given to the participants upon successful completion of the quiz with 60% marks
- All the participants will be given **E-certificate** of participation
- The workshop will be conducted in offline mode, & venue, timings, etc., details will be shared to registered candidates.

**Register Here**  
<https://forms.office.com/r/UTv9FTRDE>

**SCAN here to register**



The Internal Quality Assurance Cell (IQAC), Academic Staff College (ASC) and Office of Dean-Academics jointly organized a Workshop on **“Imparting Quality in Teaching & Learning through Outcome Based Education”** in blended mode (Physical workshop for Vijayawada faculty and through online mode using WebEx platform for KLU Hyderabad campus faculty) on 26<sup>th</sup> September 2025. The workshop was inaugurated by Hon’ble Pro-Chancellor Dr. K. S. Jagannadha Rao at 10:45 am.

At the outset, Dr. K. Ramakrishna, Dean-Quality welcomed the audience/the Chief Guest and resource person to the workshop. He explained the importance of the OBE workshop and its relevance in the context of the ongoing NBA Accreditation work. He invited the Hon’ble Vice Chancellor to grace the dais and to throw light about the OBE Workshop to the audience.



The Hon'ble Pro-Chancellor Dr. K. S. Jagannadha Rao explained briefly about the Washington Accord, relevance of OBE and the expected student outcomes beyond collecting a degree certificate. He also talked about the implementation of NEP-2020 by KLEF in toto. He talked about the Dr. Kalidindi N. Satyanarayana, Director of IIT-Tirupati, which is a younger Institution. Dr. Kalidindi N. Satyanarayana is a great teacher and an extraordinary human being and is very empathetic to his colleagues and peers. Our functionaries at the senior level, viz. the Vice-chancellor and the Pro-VCs could learn from Dr. Satyanarayana in terms of interacting with faculty and students. He congratulated the IQAC/ASC for organizing this one-day workshop and hoped that this will benefit the faculty colleagues. He greeted the audience and concluded his message.



Dr. K. V. Narasimha Rao, Associate Dean-Quality introduced the Resource person, Dr. Prof. (Dr.) Muruganantham Ponnusamy to the audience.



### **Career Philosophy**

Transforming Student Engineers into practicing Engineers.

Family First.

Student Always.

Ethics and Environment is my Family.

His current role is as Registrar of the Indian Institute of Information Technology, Dharwad. A Mechanical Engineer with a doctoral degree, having experience in the Engineering Education Industry for 26 years in academia and more than a decade in Administration. He is a subject expert and resource person of the National Board of Accreditation (NBA), an approved valuer for Machinery & Plant (Mechanical Engineering), and a Chartered Engineer. To his credit, he has one awarded Copyright, the Indian design patent, and two internationally awarded innovative patents.

He underwent training with the NBA in 2013 at Thapar University, Patiala, and was selected to act as an NBA Resource person and Subject Expert. He has served as a resource person on numerous occasions, including the selection of subject experts for the National Board of Accreditation (NBA). He has mentored more than 125 faculty development programmes in Outcome-Based Education and participated in and

presented papers at the 2nd, 3rd, and 4th World Summit on Accreditation (WOSA) organized by NBA, New Delhi. Participated in World Engineering Education Forum – Global Engineering Deans Council (WEEF-GEDC) and reviewed papers in 2020, 2022, 2023, 2024 & 2025. Active member in American Society for Engineering Education (ASEE) and reviewed papers, moderated sessions during ASEE annual conferences 2020, 2021, 2022, 2023 & 2024.

His Research interest is in Renewable Solar Energy resources, autonomous vehicles, and Engineering Education, in addition to the emerging technologies of IoT and Blockchain. Delivered more than 80 sessions in AICTE ATAL FDP, AICTE STTP, AICTE-ISTE FDP, and self-financing FDPs during the pandemic period. Professional Society Member in American Society of Mechanical Engineers (ASME), American Society for Engineering Education (ASEE), Solar Energy Society of India, Association of Food Scientists & Technologists (India), Indian Society for Technical Education (ISTE), The Institution of Engineers (India), Indian Society for Heat and Mass Transfer, and The Institution of Valuers. AICTE, India, nominated him to serve as “Marg Darshak” – Mentor to Engineering Colleges to streamline the SOPs to acquire NBA attached with AICTE Thiruvananthapuram regional office during 2020-21 & AICTE Kolkata regional office during 2021-23.

Career Development Alliance (USA) certified International Certified Career Coach Level 1. He has been elected as one of the National Executive Council members for the Indian Society for Technical Education (ISTE) for the term 2020-26. He serves as a Program Evaluator (PEV) for the Accreditation Board for Engineering and Technology (ABET), Inc., Baltimore, USA. Scholarship committee member for the American Society of Mechanical Engineers for the academic year 2021-22, 2022-23, 2023-24, 2024-25 and 2025-26.

Dr. K. V. Narasimha Rao thanked the Guest and invited him to take the session on OBE.



**Gist of the presentation:**

Dr. Prof. (Dr.) Muruganantham Ponnusamy recalled his first visit KLEF during 2018. He said he visited KLEF and interacted with peers on OBE implementation. He thanked the senior administration for being cooperative and resourceful during the same visit. He also informed the audience that Dr. A. Aravindan was his colleague for over a decade at the Autonomous Institute at Kerals. Outcome Based Education (OBE) is student/learner centric. First the required outcomes/attributes are listed and then it focusses on training the students for those outcomes. Outcome-based education requires outcome-based curriculum, outcome-based teaching/training, and outcome-based assessment. Outcome-based curriculum involves designing the curriculum based on the expected outcomes (Course and Program outcomes). Outcome-based teaching involves designing the course delivery to evoke the required outcomes.

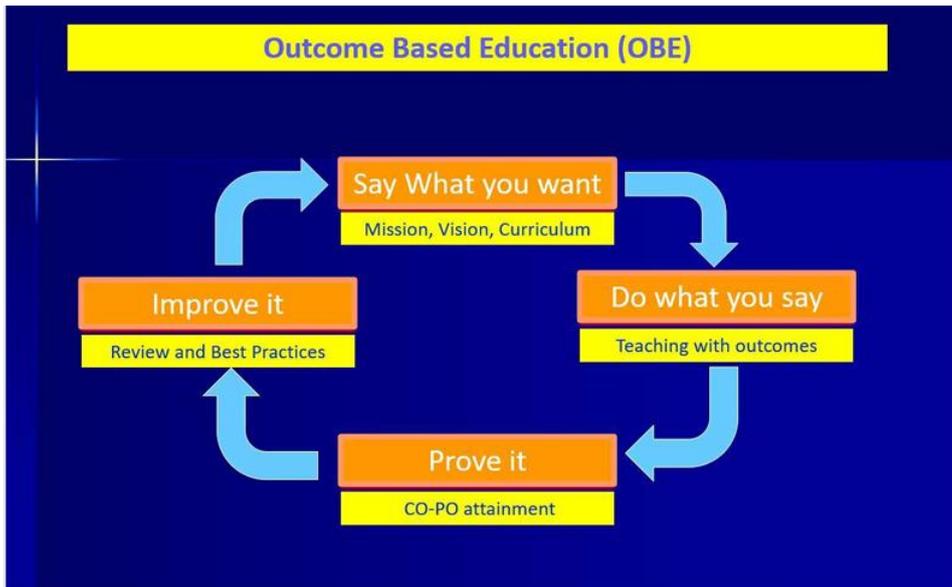
He asked the faculty to be empathetic toward students and asked them to ensure that the students do not deviate from the learning process. Innovative ideas would come from the students if the faculty were empathetic towards them. All students leaving the Institute shall 'live' happily.

Dr. Muruganantham talked about Happiness index. He also shared his experience of interview for the present position of Registrar with IIIT, Dharwad and paid his regards to one of the panel members, who was so empathetic towards him.

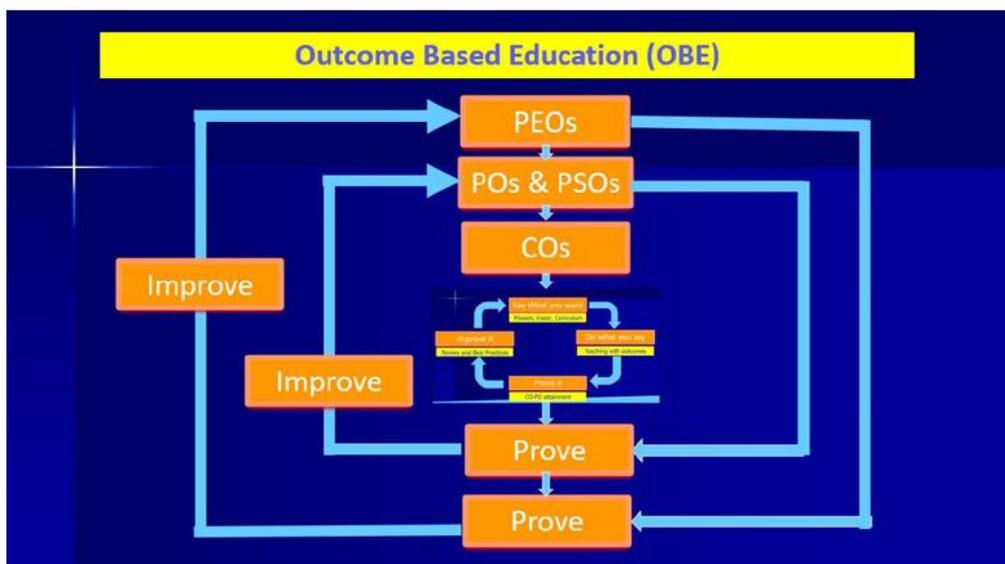
**INTERNAL QUALITY ASSURANCE CELL**

After tea break, the speaker talked about good practices in teaching-learning, in particular related to Engineering. He also touched upon some of the changes brought in by NBA recently.

The speaker explained the following Figure on OBE.



The speaker spoke about PBL (Place-based Learning) and exhibited the following Figure.



The Resource person showed a few slides and explained the success stories of SONY and the great Ratan Tata.

He also explained the effective way of conducting tutorial classes.

After this, he spoke about The Kübler-Ross Change Curve, also known as the Five Stages of Grief, is a model that outlines the emotional stages individuals typically experience when facing significant change or loss. The stages include:

**Afternoon session**

In th afternoon session, the Speaker explained Vision and Mission and levels of Evaluation. He tried to answer a query from the audience regarding how to fill maximum number of cells in CO-PO Attainment matrix.

He outlined some of the new NBA Norms and explained the Knowledge & Attitude Profile (KAP). This was followed by ADKAR – Change Management Model, where –

- A – Awareness
- D – Desire
- K – Knowledge
- A – Ability
- R – Reinforcement.

The Speaker touched upon Contemporary research in the following areas:

Hydrogen fuel and clean energy

Quantum computing

Clean water & Sanitation.

Afterwards, he exhibited the following Figure and explained the importance of various stakeholders.



**Valedictory Function:**

Dr. K. Ramakrishna invited the participants to share their ideas on the stage.

Dr. S. Prasuna, Dept of CSE felt happy with the Workshop and requested the ASC/IQAC to conduct similar workshops in future as well.

Following this, participants were asked to share their feedback through a closed questionnaire. The overwhelming and motivating feedback received from the participants was appreciated by the organizers.

At the Valedictory Function, the Hon'ble Pro-Chancellor, Dr. K. S. Jagannadha Rao joined Dean-Quality in felicitating Dr. Muruganantham Ponnusamy, the Chief Guest and Resource person.



Dr. P. Lakshmi Prasanna, Associate Dean-Quality propose a vote of thanks and the Workshop ended with a group photo, followed by High Tea.





The workshop was adjourned with Dr. K. Ramakrishna, Dean-Quality thanking the Chief Guest, participants, and the Organizing Team for their cooperation.

**Dr. K. Ramakrishna  
(Dean-Quality)**

To: All the Participants of the Workshop

Cc: The Hon'ble Chancellor

Office of the Hon'ble Vice-Chancellor

IQAC File