#### **RESOURCE PERSONS**



Dr. Anand K. Bewoor is a seasoned academic and mechanical engineer with 22 years of combined teaching and industry experience. Currently serving as Professor and Dean Academics at Cummins College of Engineering for Women, S. P. Pune University, he holds Bachelor's, Master's, and PhD degrees in Mechanical Engineering. Dr. Bewoor boasts 80+ research papers in SCI indexed journals, 14 authored books, and 8 Scopus indexed papers. As an acclaimed educator, he has conducted numerous faculty development programs (FDPs) on OBE strategies, assessment methods, and accreditation processes. His research projects, backed by grants, focus on innovative solutions for mechanical engineering challenges.



**Dr. Vinay Kulkarni**, an Associate Professor at Dr. D. Y. Patil CoE, Pune, holds a Ph.D. in Production and Industrial Engineering. With 21 years in teaching and 2 in industry, he's acclaimed for his two authored books and extensive publications. Notable accolades include Best Teacher and Innovative Teacher Awards. He leads in quality management and spearheaded UNESCO projects, earning AICTE-UKIERI certification. Renowned for his FDPs on OBE, he secures substantial research grants, notably for environmental and social governance. Dr. Kulkarni's contributions bridge academia and industry, embodying excellence in education and research

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K.L.E. Society's

# RAJA LAKHAMAGOUDA SCIENCE INSTITUTE (Autonomous)

**BELAGAVI** 

Re-Accredited with 'A' Grade by NAAC

A Quality Initiative by IQAC & Exam Section

Five Day Faculty
Development Program On

# OUTCOME BASED EDUCATION

TEACHING, LEARNING & ASSESSMENT

Inauguration



**23<sup>rd</sup> April 2024** at 2.30pm



**Sir C. V. Raman Auditorium** RLSI, Belagavi

#### **About KLE**



**Dr. Prabhakar B. Kore** Chairman, KLE Society Belagavi

A byword in India's Educational spectrum, KLE's success story of nearly ten decades speaks volumes of the dedication and commitmen of thousands of people.

With 309 institutions spread across Karnataka, Maharashtra and Delhi, each narrating their own amazing stories of enriching people's lives, a harmony exists that is very palpable. Our alumni, seled in different pas of the world are a testimony to

our achievements and endeavors and are ambassadors promoting the 'Brand KLE' throughout the world. Our qualified teachers who are commied and dedicated to their professions strive to make learning a fascinating journey and experience for all. The collaborations with universities in the US, UK and Malaysia have added a whole new dimension to the K.L.E Society making it on par with reputed educational institutions worldwide. The legacy of selfless-service and sacrifice le behind by the founding fathers is pursued sincerely by the Management to this day. Under the unparalleled leadership of Dr. Prabhakar Kore, the KLE Society has reached enviable heights. His spectacular chairmanship of 40 years, with the active suppo of his team of elected members, embodies the collective effos of everyone in KLE, including 1,38,000+ students, and 18,000+ faculty, in making KLE an international Education-destination.

#### **About RLSI**

The Raja Lakhamagouda Science Institute is an autonomous education institution run by Karnataka Lingayat Education (K.L.E.) Society in Belagavi. It was established in 1935 and was named aer the head of the former princely state Vantamuri. Raja Lakhamagouda Saradesai. The Raja Lakhamagouda Science Institute was inaugurated in 1944 by the Noble Laureate Sir C. V. Raman. Raja Lakhamagouda Science Institute has a rich academic history of 89 years spanning over three generations of students. Since its establishment in 1935, the Institute has been supposed by the commied faculty members undeaking curricular, cocurricular and extra-curricular activities to fulfill its mission. Our Institute provides ample openings to enrich knowledge through teaching, learning and research activities. The institute has been Accredited by NAAC at 'A' level in fourth cycle with 3.21 CGPA. The Institute offers students the oppounity for holistic development and brings a sense of accomplishment to the faculty members and stakeholders alike. The Institute has, over the years, expanded and grown by leaps and bounds and its alumni have excelled themselves all over the world.

#### **About the FDP**

A five days FDP is designed to empower faculty with the knowledge and strategies of Outcome Base Education (OBE). "Outcome Based Education - Teaching, Learning & Assessment" brings together the fundamentals of OBE, its implementation and assessment strategies. This workshop is tailored as per the needs of Autonomous college

## **Objectives** of the FDP

- 1. To provide knowledge about Outcome Based Education and its essentials.
- 2. To define the outcomes at different levels (Vision, Mission, COs. PSOs).
- 3. To give a thorough understanding of two stages of CO-PO/PSO Mapping.
- 4. To give a thorough understanding of PO/PSO attainment process.
- 5. To give a thorough understanding of teaching and assessment pedagogy experimentations.
- 6. To allow participants to discuss and learn about the challenges that education face in the current era.

#### **LEARNING OUTCOMES**

By the end of the workshop, participants will:

- Define the outcomes at different levels (Vision, Mission, COs, PSOs)
- 2. Perform two stages of CO-PO/PSO Mapping
- 3. Quantify PO/PSO attainments and identify gapes for improvement in OBE environment
- 4. Experiment with outcome-based teaching and learning methods
- 5. Experiment with different pedagogy practices for teaching and assessment process

#### **FDP Schedule**



2.30 PM to 3.00 PM

### **Inaugural Session**



3.00 PM to 05.30 PM

## **Defining Outcomes**

by Dr. Anand K Bewoor



3.00 PM to 05.30 PM

## **OBE Using Moodle** by Dr. Vinay A Kulkarni



3.00 PM to 05.30 PM

#### **SCPAMHE Approach for OBE**

by Dr. Vinay A Kulkarni



3.00 PM to 05.30 PM

## **Example & Case Studies**

by Dr. Vinay A Kulkarni



3.00 PM to 05.30 PM

## Course Quality & Alignment

Dr. Anand K Bewoor