

TEQIP-III Twinning Program

Faculty Development Program on

“Virtual Physics Labs”

September 07-09, 2020

Organized by



ORGANIZED BY

JNTUA COLLEGE OF
ENGINEERING (Autonomous)
ANANTHAPURAMU-A.P.

&

UNIVERSITY COLLEGE OF ENGINEERING &
TECHNOLOGY,
BIKANER TECHNICAL UNIVERSITY, BIKANER,
RAJASTHAN

COORDINATORS

Prof. R. PADMA SUVARNA

Professor of Physics & Head,
Dept. of Physics,
JNTUA College of Engineering,
Anantapur

&

Dr. SUDHIR BHARDWAJ

Asst. Professor of Physics,
University College of Engineering & Technology,
Bikaner Technical University

CHIEF PATRONS

Prof. S. SRINIVAS KUMAR

Vice-Chancellor
Jawaharlal Nehru Technological University
Anantapur
Ananthapuramu-A.P.

&

Prof. H. D. CHARAN

Vice Chancellor,
Bikaner Technical University,
Bikaner, Rajasthan

PATRONS

Prof. K. GOVINDA RAJULU

Principal,
JNTUACEA
Ananthapuram-A.P.

&

Prof. Y. N. SINGH

Principal,
UCET,
BTU, Bikaner

REGISTRATION FEE

No Registration Fee

TARGETED AUDIENCE

Faculty of various engineering institutes and
other academic institutes.

REQUIREMENTS FOR THE FDP

- Smart phone/laptop/micro phone/headset
with good internet facility etc.,

MODE OF DELIVERY

- Live web session through online platform
- Participants will be provided link through
mail a day before the FDP.

LINK FOR REGISTRATION

- <https://forms.gle/WgSP5rZAc6FrzshQ9>



GENERAL INFORMATION

Last date for registration: **03-09-2020**
Link will be sent to registered Emails on
05-09-2020

FOR ANY QUERY FEEL FREE TO CONTACT

Mobile No.: 8919435464// 8078631060

CRITERIA FOR AWARD OF E-CERTIFICATE OF PARTICIPATION

Attend all the sessions.

ABOUT JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) ANANTHAPURAMU

JNTUA College of Engineering (Autonomous) Ananthapuramu, an esteemed engineering college in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to intake, faculty strength, number of academic programs offered and infrastructure. It is always committed to offer value added instruction to widen the horizon of vision for the enrichment of Technical education along with skill development.

ABOUT UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY, BIKANER TECHNICAL UNIVERSITY, BIKANER

University College of Engineering and Technology (UCET) Bikaner is constituent college of Bikaner Technical University (BTU). Before becoming constituent college of BTU, it was known as Govt College of Engineering and Technology (GCET). It was established in 2007, as an autonomous body of Govt. of Rajasthan, amidst the brown blooms of desert island, Bikaner. Bikaner Technical University was established in 2017 and soon after that UCET became its constituent college. It has made its mark by inspiring quality education.

ABOUT VIRTUAL LABS

The idea of virtual laboratory is to provide a chance to perform experiments using the internet and visual aids without having the equipments at their end. The virtual lab program presents a unique opportunity to boost the quality of engineering education, deepen understanding and provide the necessary practical skills through cost effective outreach and distance learning activities.

OBJECTIVES OF THE FDP

- Provides a complete Learning Management System around the Virtual Labs where one can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.
- Provides physics simulations and the ability to create, identify and design virtual lab situations from the available resources.
- Study the effectiveness of virtual lab compared to real lab.
- Enhance the technical skills.



**JNTUA COLLEGE OF ENGINEERING (Autonomous)
ANANTHAPURAMU-A.P.**

RESOURCE PERSONS

1. Dr. R. Sai Santosh Kumar,
Associate Professor,
Department of Physics,
IIT-Hyderabad.
2. Dr. P. Abdul Azeem,
Associate Professor,
Department of Physics,
NIT-Warangal.
3. Prof. Gowri Shankar,
Head of the Department,
Department of Physics,
SSSIHL-Puttaparthi.

**UNIVERSITY COLLEGE OF
ENGINEERING & TECHNOLOGY,
BIKANER TECHNICAL UNIVERSITY,
BIKANER, RAJASTHAN**

