

## ABOUT THE COLLEGE

JNTUA College of Engineering, Anantapuramu, is one of the oldest premier colleges in South India, with illustrious alumni. The college has celebrated its *Diamond Jubilee* in the year 2006 and has an excellent atmosphere for advancement of one's knowledge. In the year 2008 the college has become a constituent college of the newly formed JNTUA, Anantapur. About 194 private Engineering/Pharmacy/MBA colleges in the districts of Anantapuramu, Kadapa, Kurnool, Chithoor and Nellore are affiliated to JNTUA Anantapuramu. Anantapuramu is well connected with major cities like Mumbai, Hyderabad, Bangalore and Chennai by rail and road. It is very near to places of tourist interest like Lepakshi, Hampi, Belum caves and Puttaparthi.

## ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established in 1989 and currently celebrating its Silver Jubilee. The department is accredited with NBA and offers UG, PG, MS and PhD programs. The IChE students' chapter, of the department is very active in organizing various programs for the Chemical Engineering students. It has been awarded with the "**Best Students' Chapter Award**" in the year 2007 and the "**Second Best Student's Chapter Award**" in year 2006 & 2008 by IChE, Kolkata. The department has research collaborations with BARC, BHEL, UCIL, etc.

## ABOUT WORKSHOP

Electrochemistry is one of the most explored areas of research due to its wide application in many industrial processes. A three day Workshop on "Experimental Approaches & Instrumental Aspects in Analytical Electrochemistry brings together experts in fields of engineering, materials, and electrochemistry with an object to impart knowledge on various aspects and

applications of industrial processes. The broad topics to be taken up in this workshop are as follows:

- Fundamentals & Applications of Electrochemical Instrumentation
- Electrochemical Energy Storage – Fundamentals & Applications
- Analytical Methods in Electrochemistry
- Fundamentals of Analytical Electrochemistry
- Battery Industry "Challenges & Opportunities"

## AIMS OF THE WORKSHOP

- To introduce the fundamental basic concepts and science in analytical electrochemistry
- To introduce various experimental approaches in learning and understanding the basics of analytical electrochemistry
- To introduce the applications of analytical electrochemistry to various process electrochemical industries.
- To introduce the instrumental aspects in analytical electrochemistry which include Potentiostat, batteries, fuel cells, sensors, electrolyzers etc.
- To introduce the basic concepts of corrosion and corrosion science principles to explore different mechanisms of corrosion control
- Training the young engineers on current trends/issues/challenges in electrochemical industries.

## PROGRAM

The workshop includes lectures and hands on practical sessions to be conducted by eminent scientists and resource persons from various National Academic Institutions and Industry. We appeal to all the heads of the institutes to circulate this brochure widely among the students, research scholars and faculty members.

## RESOURCE PERSONS:

### Sri. Joy Bhattacharjee

Director & Co-Founder, Kanopy Techno Solutions Pvt. Ltd, C/o SIDBI, IIT Kanpur, Kanpur (UP)

### Sri. Anuj Awasthi

Director & Co-Founder, Kanopy Techno Solutions Pvt. Ltd, C/o SIDBI, IIT Kanpur, Kanpur (UP)

### Dr. Gyan Prakash Sharma

Research Adviser, Kanopy Techno Solutions Pvt. Ltd, C/o SIDBI, IIT Kanpur, Kanpur (UP)

## GUIDELINES FOR PARTICIPANTS

Interested Participants should apply in the prescribed registration proforma along with biodata (CV) through proper channel or can visit the website [www.jntuacea.ac.in](http://www.jntuacea.ac.in) (google link for registration)

## ADDRESS FOR CORRESPONDENCE:

### Dr. B. Dilip Kumar

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Department of Chemical Engineering  
JNTUACE, Anantapuramu - 515 002 (A.P)  
Email: [dileepbh@gmail.com](mailto:dileepbh@gmail.com),  
Cell: +91-7382720323, 9247192692

## CHIEF PATRON

### Prof. S. Srinivas Kumar,

Vice Chancellor, JNTUA, Anantapuramu

## PATRONS

**Prof. K. Rama Naidu**, Principal, JNTUACEA

**Prof. E. Kesava Reddy**,

Vice-Principal, JNTUACEA

## ORGANIZING COMMITTEE

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**Dr. Lt. S. Sharada**

Head I/c, Chemical Engineering, JNTUACEA

### Convener

**Dr. B. Dilip Kumar**

Asst. Professor, Chemical Engg, JNTUACEA

### Members

**Dr. D. Subba Rao**

Professor, Chemical Engg, JNTUACEA

**Dr. S. V. Satyanarayana**

Director of Evaluation, JNTUA

**Dr. T. Bala Narsaiah**

Professor, Chemical Engg, JNTUACEA

**Dr. P. Dinesh Sankar Reddy**

Associate Professor, (On-lien to NIT AP)

Chemical Engg, JNTUACEA

**Mr. M. Kalyan Kumar**

Assistant Professor, Chemical Engg, JNTUACEA

**Mrs. A. Meenakshi**

Assistant Professor, Chemical Engg, JNTUACEA

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Lecturer, Chemical Engg, JNTUACEA

**Ms. G. Neha Mallika,**

Lecturer, Chemical Engg, JNTUACEA

**Mr. K. Balaji,**

Lecturer, Chemical Engg, JNTUACEA

**Mr. A. Raja Sekhar Babu,**

Lecturer, Chemical Engg, JNTUACEA

**Mr. M. Murali Naik,**

Lecturer, Chemical Engg, JNTUACEA

**Mr. K. Peddintaih,**

Lecturer, Chemical Engg, JNTUACEA

**Mr. K. Lakshmi Narayana**

Lecturer, Chemical Engg, JNTUACEA

## Registration Form



Three -Day Workshop on  
Experimental Approaches & Instrumental Aspects in

Analytical Chemistry

(6-8 February 2019)

Under TEQIP-1.3

*Organized*

*by*

**JNTUA College of Engineering  
(Autonomous), Anantapuramu-515002 (AP)**

1. Name: \_\_\_\_\_

2. Educational Qualifications:  
\_\_\_\_\_

3. Institution/organization:  
\_\_\_\_\_

4. Address for correspondence:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Accommodation Required: YES/NO.

Signature of the Candidate

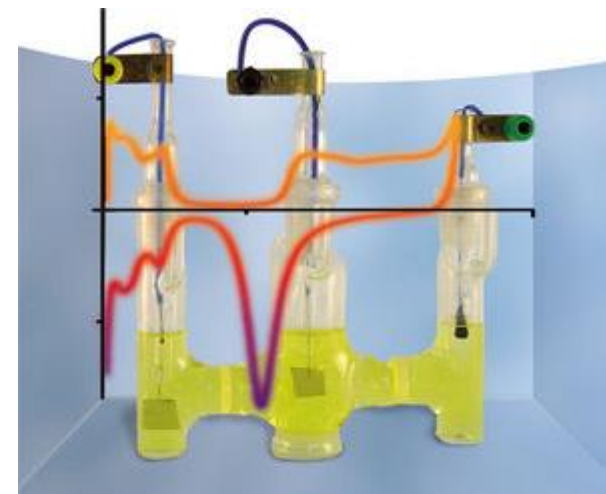
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## Three -Day Workshop on Experimental Approaches & Instrumental Aspects in Analytical Chemistry

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In association with

Kanopy Techno Solutions Pvt.Ltd., IIT Kanpur

*Organized by*



**Department of Chemical Engineering  
JNTUA College of Engineering  
(Autonomous)  
Anantapuramu, Andhra Pradesh**