

A One Day

## International Webinar

On

# RECYCLING – SOLID WASTE MANAGEMENT

16<sup>th</sup> Sept 2021



Organized by  
**DEPARTMENT OF CHEMICAL ENGINEERING**  
Andhra University College of Engineering (A)  
Visakhapatnam – 530 003  
Andhra Pradesh, India.



In association with  
**INDIAN INSTITUTE OF CHEMICAL ENGINEERS -  
WALTAIR REGIONAL CENTER**



## **ABOUT ANDHRA UNIVERSITY:**

Andhra University (AU) founded in 1926, is one of the oldest and premier universities in India. The University has been offering a wide range of graduate, post graduate and research programs in various disciplines in Arts, Law, Sciences and Engineering. Since the day of its inception, the University has indeed, been keeping up with its tradition of a national interface. Besides its routine contribution to cultivating, nurturing and grooming up the top-notch class intellectuals for the nation, its unique presence is strongly felt even in the international scenario from its research and innovations in the fields of Arts, Law, Sciences and Engineering.

## **ABOUT ANDHRA UNIVERSITY COLLEGE OF ENGINEERING(A):**

Andhra University College of Engineering (Autonomous) is one of the constituent colleges with a separate campus and it is also the first Autonomous college constituted in the University. It has strength of 3000 students in 15 Departments studying in 17 Under-Graduate Programs and 42 Post-Graduate Programs. It is also accredited by the NAAC with an A+ grade and its 16 Engineering Post-Graduate programs are approved by the AICTE and also accredited by the NBA; 7 Departments for five years and 2 Departments for three years. It is also selected as one of the leaded institutes under TEQUIP and has also being selected as one of the institutes considered for upgradation to IIT status out of the 7 institutes selected from all over India. Andhra University College of Engineering (A) is also one of the most preferred colleges by NRI students.

## **ABOUT THE DEPARTMENT OF CHEMICAL ENGINEERING:**

The Department of Chemical Engineering was started in 1933 and is one of the pioneering institutes in India to offer education in Chemical Engineering and Chemical Technology. Over the years, the Department has expanded its research activities and courses. The Department of Chemical Engineering has diversified its course offering to areas like Petroleum Refinery Engineering, Energy Engineering, Electro Chemical and Corrosion Engineering, Reaction Engineering, Process Dynamics and Control, Mineral Process Engineering and Biotechnology besides core Chemical Engineering. The Department currently offers 2 Under-Graduate and 5 Post-Graduate programs in these areas. It also fosters Doctoral and Post-Doctoral Research. The research activities in the Department are funded by the UGC, MHRD, AICTE, MINES, etc.

The Department of Chemical Engineering is actively involved in Consultancy Services and caters to the needs to the local industries.

## **ABOUT IChE-WALTAIR REGIONAL CENTRE:**

Indian Institute of Chemical Engineers (IChE) which promotes industry-institution in fraction is the premier professional organization established in 1947. For effective functioning, IChE promoted several regional centres among which the Regional Centre of Waltair is one of the earlier centres. Since its inception in 1959, it in association with the Department of Chemical Engineering, Andhra University conducted quite successfully the 29<sup>th</sup>, 35<sup>th</sup>, and 51<sup>st</sup> annual sessions during the years 1976, 1983 and 1998 respectively. The Golden Jubilee of Regional Centre has celebrated 62<sup>nd</sup> annual session in 2019 in collaboration with Department of Chemical Engineering, Andhra University.

Five student chapters under IChE-WRC:

- Student chapter of Indian Institute of Petroleum and Energy, Visakhapatnam.
- Student chapter of Gayatri Vidya Parishad College of Engineering, Visakhapatnam.
- Student chapter of Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam.
- Student chapter of Maharaj VijayaRam Gajapathi Raj college of Engineering, Vizianagaram.
- Student chapter of GMR Institute of Technology(A), Srikakulam.

## **ABOUT THE PROGRAMME:**

The main objective of the webinar is to educate students and provide them with holistic understanding of solid waste management. The topic consists of Solid Waste Management (SWM) issues, ill effects of bad/wrong practices, best practices of SWM and importance of proper sanitation. This programme introduces you to the fundamentals and circular economy aspects of solid waste management, focusing on the best practices to reduce, reuse, recycle and manage waste to mitigate climate change, pollution and reduce volumes of waste.

As the organizers of the webinar, we aimed to provide a unique communication and discussion platform for participants as well as any discipline of the science aiming the recycling and solid waste management.

Attending the workshop, will motivate the participants and students to carry out research in this area. The experts in the field of Solid Waste Management are invited to deliver lecture.

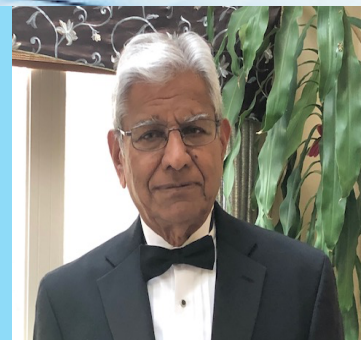
## Expert Lectures

### **Dr. PRAKASAM TATA**

Executive Director, Center of the Transformation of Waste Technology,  
Naperville IL 60540 USA

***Prof.G.J.V.Jagannadha Raju Endowment Lecture***  
on  
**Circular Economy and Solid Waste Management**

Time: 10:00 AM to 11:00 AM



### **Dr. NAGESWARA RAO PEELA**

Associate Professor in the Dept. of Chemical Engineering.  
IIT Guwahati

TOPIC: **Lignocellulosic Biomass to Specialty Chemicals and Fuels**

Time: 11:00 AM to 12:00 noon

### **Dr. R.VINU**

Associate Professor in the Dept. of Chemical Engineering.  
IIT Madras, Chennai

TOPIC: **Hydrothermal Liquefaction of Diverse Feedstocks for Sustainable Solid Waste Management and Energy Production in the Indian Context**

Time: 02:30 PM to 03:30 PM



### **Dr. THALLADA BHASKAR**

Professor, CSIR-Indian Institute of Petroleum  
Dehradun

TOPIC: **Strategic design of processes for effective utilization of waste biomass.**

Time: 03:30 PM to 04:30 PM



## Organizing Committee



Chief Patron  
**Prof.P.V.G.D.PRASAD REDDY**  
Vice Chancellor, Andhra University



Patron  
**Prof.K.SAMATHA**  
Rector, Andhra University



Patron  
**Prof.PERI SRINIVASA RAO**  
Principal, AU college of  
Engg.(A)



Patron  
**Prof.V.KRISHNA MOHAN**  
Registrar, Andhra University



Chairman  
**Prof.PULIPATI KING**  
Head of the Department,  
Chemical Engineering



Co-Chairman  
**Dr. A.SRINIVAS KUMAR**  
Outstanding Scientist &  
Technology Director, NSTL,  
Chairman, IChE-WRC



Convenor  
**Prof.V.SRIDEVI**  
Dept. of Chemical  
Engg.



Co-Convenor  
**Prof.V.MEENA**  
Dept. of Chemical Engg.

**Dr. M.TUKARAM BAI**, Organizing Secretary

**Sri P.VENKATA RAO**, Jt. Organizing Secretary

## Organizing Members

Prof.S.V.Naidu  
Prof.K.Jayaraju  
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Prof.M.V.V.Chandana Lakshmi  
Dr.Ch.A.I.Raju



### Important Information:

- No Registration Fee
- Participants submitting feed back form will receive an e-certificate
- Last date of registration: 15-09-2021

Registration Link: <https://forms.gle/2cB2h3kJWN7RpnAs8>

Webinar Link: <https://andhrauniversity.webex.com>

Meeting number: 1705715888 Password: 2021

Youtube Link (Morning Session): <https://youtu.be/YnOcVQF0c4c>

Youtube Link (Evening Session): <https://youtu.be/5gfiguslr2s>

Feedback Link: <https://forms.gle/UW9xtiAWxZVunZn46>

**Note:** Please download Cisco Webex App form Play Store or Appstore  
for better experience

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