

INTERNATIONAL WEBINAR ON **BIORENAISSANCE**

10th-11th NOVEMBER, 2021



ORGANIZED BY

CENTER FOR BIOTECHNOLOGY
Department of Chemical Engineering
AU College of Engineering (A)
Andhra University
Visakhapatnam-530003, A.P

FREE! REGISTRATION

Reg. link : <https://forms.gle/jRHQhFWWhSBbBubq9>

Last date for Registration : 09.11.2021

ABOUT ANDHRA UNIVERSITY

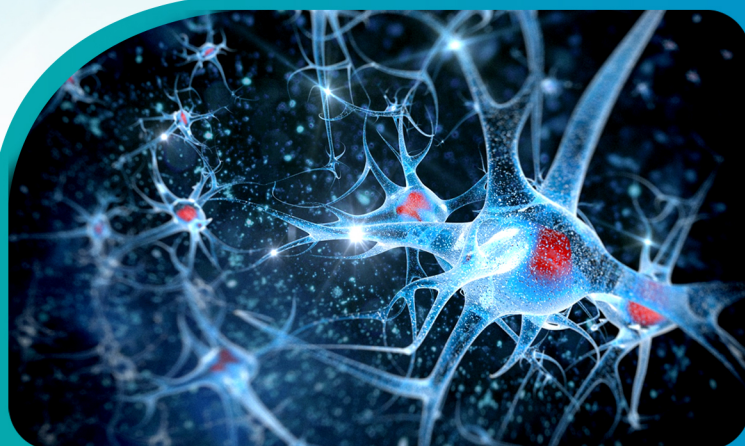
Andhra University (AU) founded in 1926, is one of the oldest and premier universities in India. The University has been offering a wide range of graduate, post graduate and research programs in various disciplines in Arts, Law, Sciences, and Engineering. Since the day of its inception, the University has indeed, been keeping up with its tradition of a national interface. Besides its routine contribution to cultivating, nurturing and grooming up of 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, Engineering and Technology.

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 a 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 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 lead institutes under TEQIP and has also been selected as one of the institutes considered for upgradation to IIT status out of the seven 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 pioneering institutions 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 offerings to areas like Biotechnology, Petroleum Refinery Engineering, Energy Engineering, Electrochemical and Corrosion Engineering, Reaction Engineering, Process Dynamics and Control, Mineral Process Engineering and Industrial Pollution Control Engineering besides core Chemical Engineering. The Department currently offers both Biotechnology and Chemical Engineering at Under-Graduate level and 5 Post-Graduate programs in the above research areas. It also fosters Doctoral and Post-Doctoral Research. The research activities in the Department are funded by the UGC, MHRD, AICTE, MNES, etc. The Department of Chemical Engineering is actively involved in Consultancy Services and caters to the needs of the local industries.



ABOUT THE WEBINAR

Biotechnology, as a scientific discipline, has made great strides in the last few years. The advent of new techniques that can alter the code of life at molecular and cellular level has changed the way the scientific community has perceived Biotechnology. Biotechnology, with its color themed divisions, is the area of science with most happening research.

Renaissance, is the period in history considered as the rebirth of modern learning. This post-pandemic era due to COVID has seen a surge in public awareness about Biotechnology. The two day International Webinar on Biorenaissance can be seen as the celebration of this seemingly rebirth of biotechnology through thematic lectures by leading researchers in their respective fields thus igniting the young minds towards research for a better world.



INAGURATION : 9:00AM

SPEAKERS



DAY I - 10th NOV 2021

ENVIRONMENTAL BIOTECHNOLOGY



NAME : Prof S RAMA KRISHNA RAO,
Former Vice Chancellor, Krishna University,
Member, Expert Appraisal Committee,
Ministry of Environment, Forests & Climate Change.
TOPIC : Clean Development Mechanisms Technologies
(CDM Technologies).
TIME : 9:15 to 10:15 am

AGRICULTURAL BIOTECHNOLOGY



NAME : Prof GIDEON GRAFI,
French Associates Institute for Agriculture and Biotechnology of Drylands,
Jacob Blaustein Institutes for Desert Research,
Ben-Gurion University of the Negev, Israel.
TOPIC : Epigenetic mechanisms associated with drought tolerance in
the desert plant *Zygophyllum dumosum* Boiss.
TIME : 10:30 to 11:30 am

MEDICAL BIOTECHNOLOGY



NAME : Dr. NITIN CHAUDHARY, Associate Professor,
Department of Biosciences and Bioengineering,
Indian Institute of Technology Guwahati, Assam, India.
TOPIC : Antimicrobial peptides from membrane-interacting
amphipathic helices of bacterial proteins.
TIME : 11:45 to 12:45 pm



DAY 2 - 11th NOV 2021

BIOCONSERVATION



NAME : Dr. MITHILESH SINGH, Scientist-D,
G. B. Pant National Institute of Himalayan Environment,
Uttarakhand.
TOPIC : Biodiversity of Indian Himalayan Region: Bioprospection
and Conservation perspective.
TIME : 10:15 to 11:15 am

INDUSTRIAL BIOTECHNOLOGY



NAME : Prof. VENKATA DASU VEERANKI,
Biochemical Engineering Laboratory Department of Biosciences and
Bioengineering, Indian Institute of Technology, Guwahati, Assam, India.
TOPIC : Development of stoichiometric model for enhanced production of
recombinant human interferon gamma.
TIME : 11:30 to 12:30 pm

VOTE OF THANKS : 12:30PM

GENERAL INSTRUCTIONS

- * Confirmation of registration and meet link will be sent through mail on or before 09.11.2021.
- * Participants are requested to submit their feedback form at the end of each session.
- * Participants will receive e-certificate after submission of all feedback forms

ORGANIZING COMMITTEE

CHIEF PATRON PROF. P.V.G.D.PRASAD REDDY,
Vice Chancellor, Andhra University

PATRON PROF. P. SRINIVASA RAO, Principal,
A U College of Engineering (A)

CHAIRMAN PROF. PULIPATI KING, HOD,
Department of Chemical Engineering

CONVENER PROF. D. APPALA NAIDU,
Department of Chemical Engineering

ORGANIZING SECRETARY PROF. M.V.V.CHANDANA LAKSHMI,
Department of Chemical Engineering

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Dr. G.V.S SARMA

Dr. Ch.A.I. RAJU

Dr. M. TUKARAM BAI

Dr. N. M. YUGANDHAR

Sri. P. VENKATA RAO

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