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# ADDRESS FOR CORRESPONDENCE

Dr. V.SARAVANAN/Dr.R.RAJESHKANNAN Dr. V.SARAVANAN/Dr.R.RAJESHKANNAN Dr.P.BALAMURUGAN/Dr.M.DILIPKUMAR Coordinators - RTCEB-2020 Department of Chemical Engineering Faculty of Engineering and Technology Annamalai University, Annamalai Nagar – 608002, Tamil Nadu, India Email ID : nraceb2020@gmail.com Phone : 9842310107, 9443668381

ANNAMALAI 🥮 UNIVERSITY

(Accredited with 'A' Grade by NAAC and IQAC Enabled) Faculty of Engineering and Technology
DEPARTMENT OF CHEMICAL ENGINEERING

## **NATIONAL CONFERENCE on**

RECENT TRENDS IN CHEMICAL AND **ENVIRONMENTAL BIOTECHNOLOGY** 

(RTCEB - 2020)

on14th and 15th February, 2020

### **REGISTRATION FORM**

(Photocopy of the form can be used if necessary)

Name

Gender

Designation

Organization

Address

Contact Numbers

E.mail

Paper Title

Paper Code

Registration Fee Details

Amount

**DD Number** 

Name of the Bank:

Date

Accommodation required: Yes / No

Signature of the participant



(Accredited with 'A' Grade by NAAC and IQAC Enabled)
Celebrating the 90<sup>th</sup> Anniversary (1929 - 2019)



**NATIONAL CONFERENCE** 

## RECENT TRENDS IN CHEMICAL AND **ENVIRONMENTAL BIOTECHNOLOGY**

(RTCEB - 2020)

on14th and 15th February, 2020





Coordinators

Dr. V.SARAVANAN Dr. R.RAJESHKANNAN Dr. P.BALAMURUGAN Dr. M.DILIPKUMAR

Department of Chemical Engineering

Organized by



DEPARTMENT OF CHEMICAL ENGINEERING

Faculty of Engineering and Technology Annamalai Nagar – 608 002 Tamil Nadu, India

ABOUT THE UNIVERSIT

ABOUTTHE UNIVERSITY
In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi college, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). One of the most significant developments is the enactment of the Annamalai University Act. 2013 (Tamil Nadu Act 20 of 2013), which has University vas established as per Annamalai University Act 1 of 1929). One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2019" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 12" in India. In the Medical Category the ranking is 25". "The Times Higher Education World University Ranking -2019" has ranked Annamalai University in 1000-for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800-in the Physical Sciences subject. "The QS World University in the band of 291 - 300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking. "The CWTS Leiden Ranking 2018", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked He University at 20" based on the number of publications and 4" based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The MDRA - India Today Ranking" (2018) has ranked Annamalai University is annamed Annamalai University is one of the largest unitary, teaching, and residential Universities in Scuthern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous. service to the nation is tremendous

FACULTY OF ENGINEERING AND TECHNOLOGY
The Faculty of Engineering and Technology (FEAT) was established in the year 1945, as the Second Engineering College of the then composite Madras State. The FEAT celebrated its Golden Jubilee in the year 1996 and Diamond Jubilee in the year 2005. The FEAT has 11 departments of study namely Chemical Engineering, Civil, Civil & Structural, Mechanical, Manufacturing, Electrical, Electronics & Instrumentation, Electronics& Communication, Computer Science & Engineering, Information Technology and Pharmacy.

DEPARTMENT OF CHEMICAL ENGINEERING
The Department of Chemical Engineering, Annamalai
University is a DST-FIST sponsored Department. The

Department offers B.E. (Chemical Engineering), M.E. (Chemical Engineering) M. Tech (Industrial Biotechnology), M. Tech (Food Processing Technology), M. Tech (IndustrialSafety Engineering) and Ph.D. (Chemical Engineering) programs. The department has received research grants to the tune of 2.5 crores from various funding agencies like DST, DBT, UGC, Ministry of Food Processing and Ministry of Environment & Forests.

THEME OF THE CONFERENCE
This national Conference is being organized with an aim to bring together renowned researchers, academicians and industry representatives from all over the country under one roof to interact and discuss recent advances in Chemical Engineering and environmental biotechnology. This will not only enhance research collaborations among academicians but will also enable students to have better interaction with researchers and industry-representatives around the country. With this view in mind, this national conference on Recent Trends in Chemical and Environmental Recent Trends in Chemical and Environmental Biotechnology is planned to organize at the Department of Chemical Engineering, Faculty of Engineering and Technology, Annamalai University, Annamalai Nagar – 608002, Tamil Nadu, India during 14<sup>th</sup> and 15<sup>th</sup> February, 2020. This conference will help to bring out the relevance of this approach in process industry and its facets that would help to overcome several long standing industrial and environmental issues. The conference will provide a unique opportunity for researchers to gain valuable advice and discuss broader knowledge on chemical and environment for living. This conference will also enlighten the participants with the latest innovations in chemical and environmental biotechnology through plenary lectures.

### CALL FOR PAPERS

Research papers related to the major theme of the conference are invited for Oral and poster presentation, the thrust areas research articles include on the following subthemes

- Unit operations in chemical engineering
- Chemical Reaction Engineering 000000000
- Fluidization
- Heat and Mass transfer operation
- Modeling and Simulation Computational Fluid dynamics
- Biochemical Engineering Biotechnology Downstream processing

- Environmental Engineering Sources of industrial pollution and effluent characterization
- Management and techniques in air pollution control ٥
- Solid waste management
- ٥
- Solid waste management
  Application of environmental biotechnology and
  electrochemical technology
  Marine Biology and Marine Sciences for industrial
  effluent treatment
  Energy efficiency in wastewater treatment
  Green, sustainable and clean technologies
  Bio based pesticides, ferillizers, polymers ۰
- 000

- Bio-gas and Bio-energy production from solid waste
- Advances in control and instrumentation
- engineering in process industries

  Modeling of reactors for the industrial effluent
  treatment
- Global Environmental Issues

### AUTHOR INFORMATION

Authors are requested to submit their paper in MS-word format adhering to the guidelines. The papers will be entertained in following two categories

Category-1: All the papers accepted and registered under this category will be published in Scopus indexed Journal (Research Journal of Biotechnology) with nominal fee of Rs 3500 per paper other than registration fees. Full papers are required to be submitted under this category with Plagiarism free. Manuscript should be in accordance with the instructions and meet the standard of the Publisher. Link for instructions to authors for preparing the manuscripts is: https://worldresearchersassociations.com/instoauthor.aspx Category- II: All the papers accepted and registered under Category-II: All the papers accepted and registered under this category will be published as conference proceedings. The manuscript will be peer reviewed and published in the conference proceedings with ISSN/ISBN-978-93-5396-327-9. The electronic version of the full length of manuscript should be submitted through Email: nraceb2020@gmail.com

### IMPORTANT DATES

Last date for submission of Manuscript 29.01.2020 Confirmation of acceptance Registration Form and fee 30.01.2020 01.02.2020 (with signed undertaking form)

Duly filled in registration form should be submitted (after receiving acceptance from the review committee) along with the registration fee in the form of Demand Draft in favor of "THE REGISTRAR, ANNAMALAI UNIVERSITY" payable at ANNAMALAI NAGAR - 608002

### REGISTRATION FEE

Academicians and R & D 600 Person from industry PG & Research Scholar 1000 500 Only Participation

## FOOD &ACCOMMODATION

Lunch and High tea will be arranged during the conference days. Accommodation for delegates will be arranged in the University guest house/Hotels at Chidambaram on request basis by advance payment.

### CONNECTIVITY

Annamalai University is located near Chidambaram Town which is well connected by Road and Rail. It is 230 KM south of Chennai, 70 KM south of Pondicherry and 135 KM north of Tiruchirappalli