

International Conference on
**ENVIRONMENTAL POLLUTION AND
CONTROL TECHNOLOGIES**

EPACT-2022

26 & 27 - AUGUST 2022
(Hybrid Mode)



ORGANIZED BY

DEPARTMENT OF CHEMICAL ENGINEERING
(NBA Accredited)

FACULTY OF ENGINEERING AND TECHNOLOGY
ANNAMALAI UNIVERSITY



(Accredited with 'A+' Grade by NAAC and IQAC Enabled)

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ABOUT THE 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 come into force from September 25, 2013. Annamalai University is accredited with 'A+' Grade by NAAC in 2022. "The NIRF-2021" 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 12th in India. In the Medical Category the ranking is 35th. "The Times Higher Education World University Ranking - 2022" has ranked Annamalai University in 1200+ for Overall category. In the Subject Category Ranking, 2022, the University is ranked 601+ for Clinical & Health Subjects, in the band of 801-1000 for Engineering, 801+ for Life Sciences and 1000+ in the Physical Sciences Subjects. The QS World University Ranking - 2021" has ranked Annamalai University in the band of 301-350 in Asia Ranking, and 39 in India Ranking. "The CWTS Leiden Ranking 2019", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 23rd based on the number of publications and 7th 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. Among the top 212 ranked institutions for Higher Education in India the "SCI mago Institutional Ranking (2019)" has ranked Annamalai University as 9th in Tamil Nadu and 29th in India.

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern 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.

FACULTY OF ENGINEERING & 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 department of study namely Chemical, Civil, Civil & Structural, Mechanical, Manufacturing, Electrical, Electronics & Instrumentation, Electronics & Communication, Computer Science & Engineering, Information Technology and Pharmacy.

DEPARTMENT OF CHEMICAL ENGINEERING (NBA Accredited)

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 (Food Processing Technology) and Various Ph.D., Programs. The department has received research grants to the tune of 3.6 crores from various funding agencies like DST, DBT, UGC, Ministry of Food Processing and Ministry of Environment & Forests.

THEME OF THE CONFERENCE

Our environment has been deteriorated markedly in the last few decades due to severe decline in natural resources, rapid increase in environmental pollution, depletion of forests, population growth, vehicular emissions, use of hazardous chemicals and various other undesirable human activities.

Therefore, the threats of environmental degradation have been reviewed for some possible remedial measures and have also been suggested for conservation in India. Now it is essentially advisable to become protector, producer and caretaker of natural resources and not the predator, polluter and consumer of earth.



CALL FOR PAPERS

In relevance to the said major theme, this conference invites research papers of proven quality on theoretical and empirical aspects on the following sub-themes:

- ☛ Sources of industrial pollution and effluent characterization*
- ☛ Management and techniques in air pollution control*
- ☛ Solid waste management*
- ☛ Nuclear waste disposal*
- ☛ Application of environmental biotechnology and electrochemical technology*
- ☛ Marine biology and Marine sciences for industrial effluent treatment*
- ☛ Legislations for industrial effluent treatment*
- ☛ Energy efficiency in wastewater treatment*
- ☛ Sustainable and clean technologies*
- ☛ Green technology*
- ☛ Bio based pesticides, fertilizers, polymers*
- ☛ Organic methods of production*
- ☛ Bio-gas and Bio-energy production from solid waste*
- ☛ Odor control and management*
- ☛ Advances in control and instrumentation engineering in process industries*
- ☛ Modeling of reactors for the industrial effluent treatment*
- ☛ Global environmental issues*

The abstract of original research work should be sent to the Co-ordinator (epact2022@gmail.com). Details regarding instruction for authors for full length paper will be mailed after acceptance of abstract.

PUBLICATION

All the papers presented in the conference will be published as proceedings with ISBN number

ABSTRACT SUBMISSION FORMAT

Paper Size: A4

Spacing: 2 line

Margin: 1 inch (all sides)

Font: Times New Roman 12

Words: 300 (Max)

IMPORTANT DATES

<i>Last date for submission of Abstract :</i>	<i>August 6th 2022</i>
<i>Acceptance Notice :</i>	<i>August 12th 2022</i>
<i>Last date for registration :</i>	<i>August 22nd 2022</i>

REGISTRATION

The registration fee should be sent through DD / Cheque drawn in favour of "The Registrar, Annamalai University", payable at Annamalainagar. Also You can do the wire transfer to details given in the website. The Registration fee includes Conference kit, Soft copy of the Proceedings and Lunch.

To register, please fill in the registration form and send it with the proof of payment to the Co-ordinator.

To Register Online : <http://iicheanrc.in/registration-epact-2022/>

REGISTRATION FEES

<i>Participants from Industry and R&D organizations</i>	<i>- 2000 INR</i>
<i>Participants from academic institutions</i>	<i>- 1500 INR</i>
<i>Research scholars & PG Students</i>	<i>- 500 INR</i>
<i>Foreign Deligates</i>	<i>- 100 USD</i>

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Sponsorships are invited for financial support to the international conference EPACT 2022. Sponsorship rates are as follows

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EPACT 2022

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