



## ANNAMALAI UNIVERSITY

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

Celebrating the 90<sup>th</sup> Anniversary  
(1929-2019)

### NATIONAL CONFERENCE ON ENVIRONMENTAL POLLUTION AND CONTROL TECHNOLOGIES

[EPACT – 2019]

30<sup>th</sup> and 31<sup>st</sup> August, 2019

### REGISTRATION FORM

(Photocopy of the form can be used if necessary)

Name :  
Gender : Male / Female  
Designation :  
Organization :  
Address for Communication :

Contact :  
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

### 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

### SCIENTIFIC COMMITTEE

Dr. S.V. Sathyanarayana, JNTU, Ananthapur  
Dr. M.Venkadeswara Rao, RVR & JC College of Engg Guntur.  
Dr. K.M.Meera S.Begum NIT, Trichy  
Dr. N.Anantharaman, NIT, Trichy  
Dr.M.Arivazhagan, NIT, Trichy  
Dr. N. Balasubramanian, Anna University, Chennai  
Dr. Lema Rose Miranda, Anna University, Chennai  
Dr.S.Renganathan, Anna University, Chennai  
Dr. M.Arulmozhi, Anna University, Trichy  
Dr. G.Srinivasan, PEC, Pudhucherry  
Dr. G.S.Nirmala, VIT, Vellore  
Dr. K. Saravanan, Kongu Engg. College, Perundurai  
Dr. R.Baskar, Kongu Engg. College, Perundurai  
Dr.R.Parthiban, SSN College of Engg, Chennai.  
Dr.N.Meyappan, Sri Venkateswara College of Engg, Sriperumbudur.  
Dr.S.Karunakaran, Vivekanandha College of Engg for Women, Thiruchengodu.  
Dr.N.Rajamohan, Sohar University, Sohar  
Dr.L.Govindharajan, Sohar University, Sohar  
Dr. V.Nehrukumar, Annamalai University  
Dr. R. Dhanasekar, Annamalai University  
Dr. R. Saravanan, Annamalai University  
Dr.P.Mullai, Annamalai University  
Dr. M. Rajasimman, Annamalai University  
Dr.S.Senthilkumar, IIT, Guwahati  
Dr.B.Bharathiraja, Vel Tech College of Engg, Chennai.  
Dr.R.Praveenkumar, Arunai Engg College, Thiruvannamalai.  
Mr.T.Selvaganapathy, TNPCB, Thiruvannamalai  
Mr.S.Senthilkumar, TNPCB, Thirunelveli  
Mr.S.Ganesan, TNPCB, Thiruvallur

### Address For Correspondence

Dr. C.KARTHIKEYAN Professor & Head, Coordinator  
Dr. R.JAYAKUMAR Asst. Professor  
Dr. R. PALANIRAJ Asst. Professor  
Co-Coordinators, Department of Chemical Engineering,  
Faculty of Engineering and Technology,  
Annamalai University, Annamalai Nagar – 608002,  
Tamil Nadu, India

Email ID : epact2019@gmail.com,  
rajagopaljayakumar79@gmail.com  
palaniraj1980.ramalingam@gmail.com

Phone : 9865356561, 9444333483, 7373279483



## ANNAMALAI UNIVERSITY

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

Celebrating the 90<sup>th</sup> Anniversary  
(1929-2019)

### NATIONAL CONFERENCE ON ENVIRONMENTAL POLLUTION AND CONTROL TECHNOLOGIES

**EPACT – 2019**

30<sup>th</sup> and 31<sup>st</sup> August, 2019

Funded By  
**TANSCH**



COORDINATOR  
Dr. C. KARTHIKEYAN  
Professor & Head  
CO-COORDINATORS  
Dr. R.JAYAKUMAR  
Dr. R. PALANIRAJ

Organized By  
DEPARTMENT OF  
CHEMICAL ENGINEERING  
FACULTY OF ENGINEERING  
AND TECHNOLOGY  
Annamalai University



One of the Asia's Largest Universities

## ORGANIZING COMMITTEE

### PATRON

**Prof. V. MURUGESAN**

VICE-CHANCELLOR, Annamalai University.

### PRESIDENT

**Dr. N. KRISHNAMOHAN**

REGISTRAR i/c, Annamalai University.

### CHAIRMAN

**Dr. K. RAGHUKANDAN**

DEAN, FEAT

Faculty of Engineering and Technology, Annamalai University.

### 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 development 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-2018" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 105 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 20<sup>th</sup> in India. In the Medical Category the ranking is 24<sup>th</sup>, "The Time 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 Science and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Science subject. "The QS World University Ranking - 2019" has ranked Annamalai 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 the University at 20<sup>th</sup> based on the number of publication and 4<sup>th</sup> 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 13<sup>th</sup> among the best Government Universities in India. Among the top 197 ranked institutions for Higher Education in India the "SCImago

Institutional Ranking (2018)" has ranked Annamalai University as 7<sup>th</sup> in Tamil Nadu and 32<sup>nd</sup> in India.

Annamalai University in 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 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 department 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 (Industrial Safety 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

Our environment has been deteriorated markedly in the last 51 years due to severe decline in natural resources and rapid increase in environmental pollution. Depletion of forests, population growth, vehicular emissions, use of hazardous chemicals and various other undesirable human activities are mainly responsible. Therefore, the threats of environmental degradation have been reviewed and some possible remedial measures have also been suggested for eco-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. This Conference will enlighten the participants with the latest innovations in Environmental Pollution and Control Technologies.

## 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:

- ❖ Water Pollution and Water Quality Control
- ❖ Air Pollution and Air Quality Control
- ❖ Land (Soil, Waste Solid) Pollution and Remediation
- ❖ Ecosystem Assessment and Restoration
- ❖ Bio-Assessment and Toxicology
- ❖ Society and the Environment
- ❖ Environmental Analysis and Measurements
- ❖ Sustainable Development and Environmental Management
- ❖ Nano Technology and Nano materials for environment
- ❖ Global Environmental Issues

The abstract of original research work should be sent to the Co-ordinator (epact2019@gmail.com). Details regarding instruction for authors for full length paper will be mailed after acceptance of abstracts.

For further details visit [www.annamalaiuniversity.ac.in](http://www.annamalaiuniversity.ac.in)

Publication : All the presented papers will be published in proceedings with ISBN. The selected papers will be reviewed and published in referred journals.

## ABSTRACT SUBMISSION FORMAT

- ❖ Paper Size : A4
- ❖ Spacing : 2 line
- ❖ Margin : 1 inch (all sides)
- ❖ Font : Times New Roman 12
- ❖ Words : 250 (Max)

## IMPORTANT DATES

- Abstract/ Full Paper Submission Deadline : 10.08.2019
- Intimation of acceptance : 15.08.2019
- Submission corrected manuscript : 22.08.2019

## REGISTRATION

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 FEES

- Participants from Industry and R&D organizations : Rs. 1,000/-
- Participants from academic institutions : Rs. 750/-
- Research scholars & PG Students : Rs. 100/-

## Food & Accommodation

Food will be arranged in the university guest house. Accommodation will be arranged only for out station participants in the university guest house based on prior request on payment basis.