

## ABOUT KEC

Kongu Engineering College, one of the foremost multi professional research-led Institutions is internationally a recognized leader in professional and career-oriented education. It provides an integral, inter-disciplinary education - a unique intersection between theory and practice, passion and reason. The College offers courses of study that are on the frontiers of knowledge and it connects the spiritual and practical dimensions of intellectual life, in a stimulating environment that fosters rigorous scholarship and supportive community. This Institute is a great possession of the committed Trust called 'The KonguVellalar Institute of Technology Trust' in Erode District, Tamilnadu. The noble Trust has taken the institute to greater heights since its inception in 1983 and has established the college as a forum for imparting value based education for men and women.

The college has completed more than three decades of dedicated service to the people of India and abroad in the field of Technical Education. The Institution has an area of 167 acres of land richly endowed with beautiful greeneries. The college with its state-of-the-art infrastructural facilities and excellent academic records has earned recognition as one of the reputed educational institutions for men and women in India. The college is accredited by NAAC and all eligible branches are accredited by NBA.

## ABOUT THE DEPARTMENT

Department of Chemical Engineering was started in the academic year 1994 -1995 and offers B.Tech., and M.Tech., degree programmes in Chemical Engineering. This department is one of the recognized research centers by the Anna University, Chennai. The Department comprises of qualified staff members with good academic and industrial exposure. Well-equipped laboratories with advanced simulation softwares like ASPEN, HYSYS, HTRI and GPROMs cater to the interests of aspiring students. The department focuses on imparting students with excellent technical knowledge to meet the needs of industries and research as well. The department is accredited by NBA, New Delhi.

## ConCPM- 2021

New ideas on the research outcome of organic and inorganic contaminant and pollutants including microplastics, emerging contaminants, heavy metals, inorganic salts, biological degradents and persistent organic pollutants will be discussed for further invention in this field. In this conference, some of the common methods used by wastewater treatment plants such as Physico-Chemical Treatment, Biological Treatment, Reduce Recycle and Reuse, Zero Liquid Discharge System, Municipal water management etc., was shared among the participants. Also, the knowledge sharing of latest techniques available for controlling Air and Noise pollution will be conducted. This Conference will fill this gap and helps the nation to achieve pollution free environment.

## CALL FOR PAPERS

The original research papers are invited in the following topics:

- Industrial solid waste management
- Utilization of waste materials
- Integrated waste management
- Recycling
- Waste reduction
- Biological treatment
- Thermal treatment
- Environmental impact and assessment
- Nanotechnology
- Zero liquid discharge
- Green concepts for pollution Management
- Air pollution
- Hazardous waste management
- Radioactive waste
- E-Waste management
- Advanced oxidation processes
- Water purification
- Carbon emission reduction
- Carbon footprint
- Composite materials
- Environmental materials
- Noise pollution
- Sequestration of industrial pollutants

## ADVISORY COMMITTEE MEMBERS

- Dr. A. Arunagiri, NIT Trichy, Tamilnadu
- Dr. N. Gomathi, Indian Institute of Space Science and Technology, Trivandrum, Kerala
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- Dr. V. Sivasubramanian, NIT Calicut, Kozhikode, Kerala
- Mr. Thaj Mohammed Khaleel, EKM Leather Processing Company, Erode, Tamilnadu

## Keynote Speakers



Prof. G. Pugazhenti  
IIT Guwahati, Assam

Prof. K. Muthukumar  
NIT, Trichy,  
Tamilnadu

Prof. K. Venkateswara  
Rao, JNTUH, Kukatpally,  
Telangana



Dr.S.T.Ramesh  
NIT, Trichy,  
Tamilnadu

Prof. M. Muthukumar  
Central University of  
Kasargod, Kerala

Prof. N. Balasubramanian  
Anna University, Chennai,  
Tamilnadu



## CONTACT US

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ConCPM-2021

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+91 8098079696 (Dr.P.Shanmugam)  
Email: [concpm21@gmail.com](mailto:concpm21@gmail.com)

Website: <https://sites.google.com/kongu.edu/conference-concpm-2021/home>

### Registration Fee for the Participants:

#### Only conference:

UG/PG Student	:INR 500
Research scholar	:INR 600
Academician/Industry/ R&D institute	:INR 1000
Participants	:INR 200

Registration, online payment details will be communicated through email for the accepted papers. Guest Participant can enroll in the link at webpage registration page. At least one author per paper should be registered before due date.

### SUBMISSION GUIDELINES FOR AUTHORS

- Paper should be original not published anywhere and Plagiarism less than 5%
- Initial paper can be submitted in single column; Times New Roman; 12 Font size; 1.5 line spacing
- Camera ready paper in Latex/Word (format will be sent along with acceptance)
- Submission of copyright form(after acceptance)

The authors are requested to send/submit the papers through

Email: [concpm21@gmail.com](mailto:concpm21@gmail.com)

### Publications

All papers will be accepted after peer review process for the publication. Only presented papers will be considered for publication. Abstract of the presented papers will be published in Internal Conference Proceedings and Papers will be referred to journals.

Selected papers will go through peer review process and will be published in a Special issue of

1. Environmental Science and Pollution Research (ESPR) (IF: 3.027)
2. Toxicological and Environmental Chemistry(T&EC) (IF: 1.145)

### Paper Presentation

Paper should be presented in virtual platform. According to the pre-informed schedule, the speaker will be required to present a paper live through screen share option as per the stipulated time.

### Important Dates

Deadline for Abstract Submission 18, March 2021  
Notification of Abstract Acceptance 28, March 2021  
Deadline for Paper Submission 15, April 2021  
Submission of Camera-ready Manuscripts 20, April 2021  
Early Bird Registration 15, April 2021  
Conference Date 22<sup>th</sup> & 23<sup>th</sup> of April 2021

### Chief Patron

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Correspondent  
Kongu Engineering College

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Principal

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## NATIONAL CONFERENCE ON CONTAMINATE AND POLLUTANT MANAGEMENT (CONCPM-2021)



ConCPM-2021

22.04.2021-23.04.2021



Organized by

Department of Chemical Engineering  
School of Chemical and Food Sciences  
KONGU ENGINEERING COLLEGE  
(Autonomous)  
Perundurai – 638 060, Erode, Tamilnadu  
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