

## ABOUT THE INSTITUTE

Kongu Engineering College (KEC) was established in the year 1984. Approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The Institution has completed 37 years of dedicated and excellent service in the field of technical education. The Institution offers UG, PG and Research programmes in Engineering, Applied Sciences and Management branches. The Institution is one among the best self-financing engineering colleges imparting high quality technical education in Tamilnadu and is rated 3rd among all self-financing colleges in India and 46th among all Engineering Colleges including IITs & NITs in India by MHRD & NIRF. The Institution has got NBA accreditation for all UG programme and is also ISO certified. It has also got the Best Engineering College award and the Best Principal Award. The Technology Business Incubator was established in the Institution with sponsorship from DST.

## ABOUT CHEMICAL ENGG. DEPARTMENT

The 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 containing equipments like Fourier Transform Infrared, Atomic Absorption Spectrometry and with advanced simulation software's like ASPEN, HYSYS, HTRI, gPROM and ProSIM's 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 received research grants from various funding agencies like DST, AICTE, TNSCST, etc.

## ABOUT THE PROGRAMME

**Atomic Absorption Spectroscopy (AAS)** is a technique for determining chemical elements quantitatively by using the absorption of optical radiations by free atoms in gaseous state. It is a very useful technique by which we can determine the concentration of a particular element present in a sample. AAS performs efficiently and accurately. It can determine more than 70 different elements in a solution or in solid samples which are used in Biophysics, Toxicology and Pharmacology.



**High-performance liquid chromatography (HPLC)**, formerly referred to as high-pressure liquid chromatography, is a technique in analytical chemistry used to separate, identify, and quantify each component in a mixture. It relies on pumps to pass a pressurized liquid solvent containing the sample mixture through a column filled with a solid adsorbent material. Each component in the sample interacts slightly differently with the adsorbent material, causing different flow rates for the different components and leading to the separation of the components as they flow out of the column.



**Department of Chemical Engineering,  
Kongu Engineering College,  
Perundurai, Erode Dt. - 638 060, Tamilnadu**

***Two Days Hands on training on Atomic  
Absorption Spectroscopy (AAS) and  
High Pressure liquid Chromatography  
(HPLC)***

**May 27 and 28<sup>th</sup>, 2022**

**REGISTRATION FORM**

Name: Dr./ Mr/Ms: \_\_\_\_\_  
(Capital letters, as desired in certificate)

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Organization : \_\_\_\_\_  
Name & address

E mail : \_\_\_\_\_

Mobile no : \_\_\_\_\_

E-Mail ID : \_\_\_\_\_

(Photocopies of this form can also be used.)

## DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the training. If I am selected I shall attend the course for the entire duration.

Place:

Date: Signature

## SPONSORSHIP CERTIFICATE

Mr/Ms/Dr.....is an employee/student of our Institute/organisation and is sponsored to attend **Two Days Hands on training on Atomic Absorption Spectroscopy (AAS) and High Pressure liquid Chromatography (HPLC)**, if selected.

Place:

Date: Signature of the Authority  
With Office Seal

- Application form can be downloaded from the Website.

For Further details,

The Organising Secretaries

Email:kalaivanik@kongu.ac.in

mohanapriya.ft@kongu.ac.in

Contact No. : 8643816685, 9524245729

## Organising Secretaries:

Dr. S.Kandasamy, Professor  
K.Kalaivani, Assistant Professor (Sr.G)  
K.K.Sri Mohana priya , Assistant Professor

## Eligible Participants:

UG and PG Students, Research Scholars, Faculty from Engineering, Polytechnic and Arts & Science colleges, and Industrial people are eligible to attend the programme

## Registration Details:

Registration fee Rs.1500 (including 18 % GST).

As seats are limited, early registration is recommended.

## Mode of Fee Payment:

Registration fee can be paid through Online Mode (RTGS/NEFT/IMPS)

Account Holder Name: K.Kalaivani

Acc. No.1247155000089322

Bank: Karur Vysya Bank Branch

KEC Nagar Branch, Perundurai

IFSC CODE-KVBL0001247

GPay-9965675745

## Registration Link:

[https://docs.google.com/forms/d/e/1FAIpQLSda8ULdBWDOemb8caEwwLe1qroDtWZIKN6gxsf1isFPNXhSw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSda8ULdBWDOemb8caEwwLe1qroDtWZIKN6gxsf1isFPNXhSw/viewform?usp=sf_link)

## IMPORTANT DATES

Last Date for Registration : 25.05.2022

Intimation of the selected participant : 26.05.2022

Confirmation by participants : 26.05.2022



## KONGU ENGINEERING COLLEGE

Perundurai, Erode-638 060,  
Tamilnadu

**Two Days Hands on training on  
Atomic Absorption Spectroscopy (AAS)  
and High Pressure liquid  
Chromatography (HPLC)**

May 27 and 28<sup>th</sup>, 2022

## ORGANIZED BY

Department of  
Chemical Engineering

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