

## OBJECTIVE:



The objective is to gain a deep understanding of Flutter's fundamental concepts and architecture, along with a solid grasp of the Dart programming language. They grasp the knowledge of the design and develop responsive user interfaces using Flutter's extensive widget library and custom widgets, understanding the widget lifecycle and state management techniques essential for building dynamic applications. Participants will become proficient in implementing navigation and routing, utilizing advanced navigation patterns and handling complex routing scenarios. Participants are guided through the process of preparing Flutter applications for deployment on both Android and iOS platforms, understanding app release processes, and setting up continuous integration/continuous deployment (CI/CD) pipelines. By the end, participants will be equipped to build, test, and deploy fully functional, cross-platform mobile applications, ready to tackle complex app development projects with confidence.

## COURSE CONTENTS :

- Introduction to Flutter and Dart Programming.
- Understanding Cross Platform Architecture.
- Flutter Installation.
- Flutter basics and Widget UI components.
- Intermediate Flutter.
- Building user interface.
- Animation and Navigation.
- Developing a simple Capstone Project.
- Overview of Advanced Flutter.



## TARGET AUDIENCE:

Faculty members and students from academic institutes, personnel from R&D organizations and related industries.

## BOARDING AND LODGING:

Boarding will be provided for the selected participants in the college campus on-demand basis.

## REGISTRATION FEE::

UG & PG STUDENTS/ Faculty Rs:250(including GST)

The registration fee includes course material and refreshment along with Lunch. Demand Draft for the registration fee must be drawn in favour of "IIP Cell Grant in Aid Account" payable at Perundurai. Certificate will be provided for all participants.

## HOW TO APPLY:

The applicants should fill the google form using the link, <https://forms.gle/47AwcXXFimvRBW5G8> for registration. As the seats are limited, the participants will be selected based on first come first serve basis for attending the training in physical mode.

## Click here for Registration:

<https://forms.gle/47AwcXXFimvRBW5G8>

## SCHEDULED DATES:

Last date for receipt of Application :08.08.2025  
Intimation of Selection :11.08.2025  
Confirmation by participant :12.08.2025



KONGU ENGINEERING COLLEGE  
(AUTONOMOUS)  
PERUNDURAI, ERODE - 638060  
TAMILNADU

Hands-on Training  
On

“Cross Platform Application  
Development using  
Flutter and Dart”  
(14.08.2025)

## APPLICATION FORM

Name :

Designation :

Organization:

Gender:

Age:

Educational Qualification:

Address for

Communication :

Mobile Number :

E-mail ID:

Experience:

Teaching: \_\_\_\_\_ Years

Others (Specify): \_\_\_\_\_ Years

Need Accommodation: YES/NO

Signature:





## DECLARATION:

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the Chairman in case I am unable to attend the course.

Date: \_\_\_\_\_ Signature of the Applicant

Time: \_\_\_\_\_

## SPONSORSHIP CERTIFICATE:

Mr/Ms/Dr \_\_\_\_\_

is an employee of our Institute / Organization and is hereby sponsored. He/She will be permitted to attend the programme in full, if selected.

Date: \_\_\_\_\_ Signature of the Sponsoring Authority

Time: \_\_\_\_\_ Office Seal

Application form completed in all respects is to be sent to:

Ms. T. Kalpana  
Assistant Professor

Hands-on Training On  
**Cross Platform Application**  
**Development using Flutter and Dart**

Department of Computer  
Applications Kongu Engineering  
College Perundurai Erode-638  
060, Tamilnadu.

Contact No: 9943113333, 9965079892

Email: [kalpana.mca@kongu.edu](mailto:kalpana.mca@kongu.edu) ,  
[jagadeesan.mca@kongu.edu](mailto:jagadeesan.mca@kongu.edu)



## ABOUT THE COLLEGE

Kongu Engineering College, a leading research oriented institution with excellent facilities, is run by Kongu Vellalar Institute of Technology Trust and was established in the year 1984. The Programmes of the institute are accredited by NBA and the institute is accredited by NAAC with A++ grade. It is an autonomous institution affiliated to Anna University, Chennai. It consists of 167 acres of land richly endowed with beautiful Greenland. The college has completed 40 years of dedicated and excellent service to the people of India and abroad in the field of Technical Education. The college offers 17 UG Programmes, 7 PG Programmes and 16 Research Programmes in Engineering, Applied Sciences and Management. The National Institutional Ranking Framework (NIRF) of the Ministry of Education has ranked Kongu Engineering College within the band of 101 to 150 in engineering category for the year 2023. Kongu Engineering College also participated in 2023 NIRF Innovation ranking and is positioned in the band of 51 to 100 under this category. The institution has established Technology Business Incubator (TBI) supported by Department of Science and Technology, Government of India in its campus. TBI@KEC has won the National Award, for the best TBI in India, presented by President of India. The institution has received research grants amounting to Rs. 31.64 Crores from various funding agencies like AICTE, UG, DST, SIR, DIT, MNRE, ICS SR etc and has also executed industrial consultancy work to the tune of around Rs 7.11 Crores.

### ABOUT THE DEPARTMENT:

Department of Computer Applications occupies a prominent place in the records of its academic history. The department is producing efficient professionals and research scholars with outstanding academic and overall performance. The department has experienced faculty members including doctorates with different specializations in computer science & its applications.

### ABOUT THE LOCATION:

The college is situated at Perundurai on the National highway (NH 47) about 80 km from Coimbatore and 20 km from Erode. It is well connected by road and rail.



## TECHNICAL ANNOUNCEMENT BROCHURE



Hands-on Training On  
**Cross Platform**  
**Application Development**  
**using Flutter and Dart**  
(14.08.2025)

Coordinators

Dr. A. Tamilarasi

HoD/CA

Ms. T. Kalpana

Assistant Professor/CA

Dr. M. Jagadeesan

Associate Professor/CA

Organized by  
Department of Computer Applications  
&  
Industry Institute Partnership Cell  
Kongu Engineering College  
Perundurai-638060,  
Erode, Tamilnadu.

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