

OBJECTIVE

The objective of the training is to make participants to disseminate the know-hows of the technology through some thought provoking lectures planned to be delivered by the experts working in blockchain technology. Ethereum is a popular platform for creating distributed blockchain applications that support smart contracts. Solidity is an object-oriented language for contract development. Remix is the browser based IDE for writing and deploying Solidity code for the Ethereum blockchain. It is also used as an open source IDE for developing and testing contracts. To deploy the tested contract on an external blockchain, Ganache is used. To interact with the contract, a client application is needed. Digital wallet allows users to manage their digital assets. MyEtherWallet is used to create a wallet for each such client. The contract creator will publish the contract. Any other client will look at the contract value by using the interface provided by the contract and send some money to the creator for executing a part of the contract.

The main aim of the training will be in providing an opportunity to glimpse through the demonstrations of blockchain platforms such as Ethereum Solidity, Smart contracts and Ganache in building blockchain applications.

PROGRAMME CONTENTS

COURSE CONTENTS

- Fundamental concepts of Blockchain Technology
- Set up a Ganache as personal blockchain for Ethereum development
- Develop smart contracts using Solidity
- Remix IDE – Code, Compile and Deploy
- Connect Blockchain
- Access a Blockchain node
- Deploy Smart Contract

FACULTY

Sessions will be handled by experienced faculty members of Kongu Engineering College.

BOARDING

Refreshment and Lunch will be provided for the selected participants in the college campus.

COURSE FEE AND REGISTRATION

Details	Amount**
Registration Fee (Including GST 18%)	Rs.400+Rs.72 (Rs.472/-)

** The registration fee includes course material, refreshment and lunch. Demand Draft for the registration fee must be drawn in favour of "IIP Cell Grant in Aid Account" payable at Perundurai.

HOW TO APPLY

The applicants should send their applications in the specified format through their Principal / Sponsors to reach us on or before 11.09.2019. If selected they should confirm their participation in time.

SCHEDULED DATES

Last date for receipt of Applications : 11.09.2019
Intimation of Selection : 12.09.2019
Confirmation by participants : 13.09.2019

KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE 638 060 TAMILNADU

Hands-on training
on
**Building blockchain applications using
Ethereum Solidity, Smart contracts
and Ganache**

21.09.19

APPLICATION FORM

Name :

Designation :

Organization :

Sex :

Age :

Educational Qualification:

Address for

Communication

(with telephone no.

& E-mail ID) :

Experience :

Teaching : _____years

Others (Specify) : _____years

DD Details :

DD. No. :

Date :

Bank Name :

Need Accommodation: YES/NO

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.

Place:

Date: _____
Signature of the Applicant

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.

Place: _____
Date: _____
Signature of the Sponsoring Authority

Office Seal

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

Dr. G. K. Kamalam,
Associate Professor,
Department of IT,
Kongu Engineering College
Perundurai,
Erode-638 060, Tamilnadu
Mobile: 638244293, 9952366600, 9865224245
E mail: gkk@kongu.ac.in

ABOUT THE COLLEGE

Kongu Engineering College (KEC) was established in the year 1984. Approved by AICTE, New Delhi and affiliated to Anna University, Chennai the institution has been accorded autonomous status from year 2007. The institution has completed 33 years of dedicated and excellent service in the field of technical education. It offers 14 UG programmes, 19 PG programmes and 16 Research programmes in Engineering, Applied Sciences and Management is one among the best self-financing Engineering colleges imparting high quality technical education in India. The college is well known for its technical excellence, modern facilities, record of performance with excellent results and enterprising students. The college has got NBA accreditation for UG programmes, Best Engineering College award and Best Principal award. The Institution has an active Industry- Institute Partnership Cell to interact with industries. The institution has established a Technology Business Incubator (TBI) supported by Department of Science and Technology, Government of India in its campus. TBI @ KEC has won the Best TBI National Award, presented by President of India on 11 May, 2013.

ABOUT THE DEPARTMENT

Department of Information Technology offers B.Tech. Degree programme in IT, M.Tech (IT) Degree programme and M.Tech IT (Information and Cyber Warfare). The faculty of the department has vast experience in academia and industry. Besides teaching, the department is actively involved in industrial consultancy, and conducting training programmes for students and practicing engineers.

ABOUT THE LOCATION

The college is situated at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 17 km from Erode. It is well connected by air, road and rail.



TECHNICAL ANNOUNCEMENT BROCHURE



Hands-on training
on
**Building blockchain applications
using Ethereum Solidity, Smart
contracts and Ganache**

21.09.19

Convener
Dr. G. K. Kamalam, ASP/IT

Coordinators

Ms. B. Anitha, AP/IT

Ms. S. Anitha, AP/IT

**School of Communication and Computer Sciences
Department of Information Technology
&
Industry Institute Partnership Cell
Kongu Engineering College
Perundurai – 638 060 Erode Tamilnadu**

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