COLLEGE OF ENGINEERING PERUMON

ONLINE FDP ON "CYBER SECURITY AND BLOCKCHAIN TECHNOLOGY"
18 – 23 JANUARY 2021

REGISTRATION FORM

Name:

Qualification:

Designation:

Institution:

Experience in years:

Research Interest:

Address:

Mobile:

E-mail:

The details furnished above are true to the best of my knowledge. If selected, I shall attend the course for the entire duration.

Place: Signature:

Date: Name:

SPONSORSHIP CERTIFICATE

Certified that Mr/Ms/Dr……..………...............…… is an employee of our institution and is hereby sponsored for attending the ONLINE FDP ON "CYBER SECURITY AND BLOCKCHAIN TECHNOLOGY" at College of Engineering Perumon from 18 – 23 January 2021. He/She will be permitted to attend the course, if selected.

Place: Name & Signature:

Date:

(Principal)

(Seal of the institution)

PROGRAMME COORDINATORS

PROF. SUJA VIJAYAN
ASST. PROF. IN IT
PH: 9846372722

PROF. DEVI DATH
ASST. PROF. IN CSE
PH: 9447342666

Online FDP on

CYBER SECURITY & BLOCKCHAIN TECHNOLOGY

SPONSORED BY
TEQIP II
18 – 23 JANUARY 2021

ORGANIZED BY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
COLLEGE OF ENGINEERING PERUMON

UNDER CAPE, ESTABLISHED BY GOVERNMENT OF KERALA
AN ISO 9001:2015 CERTIFIED INSTITUTION
TWO B.TECH PROGRAMMES (ECE&EEE) ACCREDITED BY NBA

PREFACE TO THE COURSE

Digital crime is more prevalent than ever, and the attacks are getting highly complex. Cyber security is becoming increasingly important in today's networked world and is impacting every aspect of society including finance, healthcare, government, education and entertainment. Blockchain is an emerging platform for developing decentralized applications and data storage, over and beyond its role as a platform for cryptocurrencies such as Bitcoin, Ethereum etc. The objective of this workshop is to impart the basic principles of cyber security from the perspective of providing security awareness and to disseminate the knowledge of blockchain technology. It will enable the participants in acquiring knowledge of relevant theoretical concepts, tools, implementation strategies and current practices in these areas.

COURSE CONTENTS

• Blockchain and Bitcoin Networks

• Cryptographic Concepts of Blockchain

• Consensus Protocols

• Ethereum World Computer and Smart Contracts

• Hyperledger Umbrella Projects

• Security in Social Networks

• Privacy and Identity Issues

• Emerging Opportunities

INTENDED AUDIENCE

This course is intended for faculty members from all engineering disciplines and polytechnics.

ABOUT THE INSTITUTION

College of Engineering Perumon was established in the year 2000 under the Co-operative Academy of Professional Education (CAPE), Govt. of Kerala. The college has registered speedy progress since then and it offers five undergraduate programmes (ME, ECE, EEE, CSE and IT) in affiliation with APJ Abdul Kalam Technological University.An M.Tech programme in Computer and Information Science commenced in the academic year 2011-12.

College of Engineering Perumon has attained recognition of ISO 9001:2015 certification from the Integrated Quality Certification PVT Ltd. Two UG programmes, EEE and ECE got accredited by NBA. The college has a distinctive academic stature in the arena of engineering institutions in the state.

ABOUT THE DEPARTMENT

VISION:To emerge as a department of global stature in the field of computer science education, research and development.
MISSION:
• To equip graduates in the field of computer science with competent technical and analytical skills, innovative research capabilities and leadership potential.
• To instill graduates with integrity, discipline and ethics to work with commitment for the progress of the society.
The Department of Computer Science and Engineering was established in the year 2000 offering four year B.Tech programme in Computer Science and Engineering and Information Technology. M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The major strength of the department is highly qualified and experienced faculty with specialization in main areas of Computer Science and Information Technology. State-of-the-art facilities are available in all the laboratories to train the students capable of meeting the requirements of present and future.

THE SESSIONS WILL BE HANDLED BY EXPERTS FROM Kerala Blockchain Academy (KBA), CDAC AND OTHER PREMIER INSTITUTIONS

REGISTRATION FEE: NIL
HOW TO APPLY

Registration form is available in the following link: https://forms.gle/PYDPGdvywTkMQ1Fj7.
Kindly submit the details on or before 15/01/2021 and confirm your participation.

ROUTE MAP