

PES College of Engineering, Mandya 571 401

(An Autonomous Institution, Affiliated to VTU, Belgaum)

One week Faculty Development Programme on

Blockchain Technology
&

Cloud Computing using Amazon Web Service

21st to 25th January 2019.

Name :
Qualification :
Designation :
Department :
Address :

Mobile :
E-mail :
D.D. No. :
Date :

Signature of Applicant

Signature & Seal of
HOD / Principal

Note: Participants are requested to bring their Credit/Debit card for FDP Program in order to register with Amazon web service to work hands-on, no charges will be applied or deducted. Free registration, in spite of it, card is required for registration process by Amazon web service

Details of Resource Persons

1. **Dr. S. Jaganath** Ph.D.
MSRIT, Bangalore
2. **Dr. M. Mrunalini** Ph.D.
MSRIT, Bangalore
3. **Dr. Manish Kumar** Ph.D.
MSRIT, Bangalore

Venue:

CAED Lab, Administrative Block
PESCE, Mandya.

Organizing Committee:

Chief Patron

Dr. H.D. Chowdaiah B.sc (Ag),
President, PET(R), Mandya

Program Chair

Dr. H.V. Ravindra M.Tech, Ph.D,
Principal, PESCE, Mandya

FDP Coordinator & Nodal officer FDPTEQIP-3

Dr. H.P. Mohan Kumar, MCA, M.Sc Tech, Ph.D
Professor, Dept of MCA, PES College of Engg, Mandya
Contact No.:9448554113, 8310170137
Email-id:mohanhallegere@gmail.com

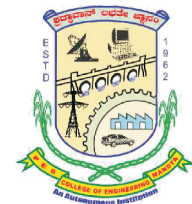
Registration

Registration fee is Rs. 1000/- per participant. Registration can be done by sending the registration form to **FDP coordinator** along with DD in Favour of “The Principal, PESCE, Mandya” payable at Mandya before 15th January 2019. Please send the completed registration form along with the registration DD to **FDP Coordinator & Nodal officer**.

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Karnataka, India



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Organized by

TEQIP-3

Technical Education Quality Improvement Programme

Website: www.pescemandya.org

Ph: 08232-220043 Fax: 08232-222075



ABOUT THE ORGANIZING INSTITUTION

P.E.S. College of Engineering (PESCE), Mandya was established in 1962, with the initiation of Late Sri. K.V.Shankara Gowda, the founder President and Ex-Education Minister of Government of Karnataka. The Institution is managed by Peoples Education Trust®, under the leadership of Dr. H.D. Chowdaiah, Ex. MLA. It is one of the Pioneer Technical Institutes in the country and has gained a very good reputation by some outstanding achievements of the faculty and students. The institution is functioning under the Grant-in-Aid scheme of Government of Karnataka, permanently affiliated to Visvesvaraya Technological University (VTU), Belgaum, become autonomous in the year 2008. It is recognized by All India Council for Technical Education (AICTE), New Delhi and is accredited by NBA and NACC. It has got well established Research Centers which are recognized by Visvesvaraya Technological University, Belgaum. All the department have got recognition as research center from VTU Belgaum, where students are doing their research for M.Sc(Engineering) by Research and Ph.D degree.

University of Mysore has recognized the PET research foundation to carry out research for M.sc Engineering by research and Ph.D degree in the field of Computer science, Electronics, Mathematics and Chemistry. The institute has eight Under Graduate programs and eight Post Graduate programs. The institution has the best campus with state-of-the-art and National standard sports facilities. The vision of the institution is to provide high quality Engineering education for the local and rural students, equipping them with the capability to become productive citizens.

Purpose of the FDP

The main aim of the FDP is to provide an overview of concepts of BlockchainTechnology, structure, benefits, its limitations and why/when it is better than a simple distributed database. This FDP helps in Working with hands on Sessions on IBM hyper ledger Fabric. Also it provides concepts of cloud computing and various services provided by Amazon Web Services(AWS). This FDP is intended for individuals to use AWS services, such as launch EC2 instance, S3, Load balancer, hosting applications, RDS, AWS-Eclipse integration by providing hands-on sessions. This FDP is useful to staff and students from branches.

CSE/ISE/ECE/EEE/MCA.

Objectives

- To understand the scope of Blockchain Technology
- Acquire the knowledge of IBM hyper ledger Fabric.
- Understand the concepts of Crypto currency
- Learn how to Launch EC2 AWS servers and run simple applications.
- To know how to create and use RDS, S3, Load balancer, Auto scaling group, Elastic beanstalk, AWS-Eclipse Integration.
- Learn how to migrate your existing Application to AWS
- Develop AWS Dynamic web project using Eclipse.