



**AMC**  
ENGINEERING COLLEGE



Under the Paramahansa Foundation Trust,  
18<sup>th</sup> km, Bannerghatta Road, Bangalore-560083.  
Affiliated to VTU, Approved by AICTE,  
Accredited by NBA & NAAC,  
Website: [www.amcgroup.edu.in](http://www.amcgroup.edu.in)



Rank Band: 151-200



Three day's FDP  
On  
Awareness on Block chain and MACOS

30<sup>th</sup>, 31<sup>st</sup> JAN and 01<sup>st</sup> FEB 2020

Organized by  
Department of ISE

In association with  
Indian Society for Technical Education



And

BRILYANT IT Solutions PVT LTD



## About the AMC Group of Institutions



AMC Group of Institutions is a 52 acre green campus, located in Bannerghatta Main Road, known to have classical architecture. Under the umbrella of the group, it runs:

- AMC Engineering College
- AMC Hotel Management College
- Administrative Management College
- AMC School and PU College
- AMC Cambridge Public School

The group was founded by Dr. K. R. Paramahansa, who has been spearheading the noble enterprise under the banner of "Paramahansa Foundation Trust".

## About the Department

Department of Information Science & Engineering was established in the year 1999. It has under its wing one B.E. course of 120 intake and CNE-M, Tech. course. The department has the pride of securing 16 University ranks. The department of ISE is headed by Dr. P. Bindhu Madhavi. Department has been accredited by NBA for 3 years.

### Vision:

To Develop the Department as a Center of Excellence in the area of Information Science and Engineering for the benefit of Society

### Mission:

- To Provide the State-of-the-Art Infrastructure and Technology in the Field of Information Science and Engineering.
- To Deliver Value-Based Education through Modern Teaching Pedagogy.
- To Impart Theoretical, Computational and Practical Knowledge in the Area of Information Technology.
- To Collaborate with Institute, Industry and Research Organizations for the Cutting Edge Technologies.
- To Develop an Entrepreneurial, Ethical and Socially Responsible Professionals.

## Program Educational Objectives:

- Lead a successful professional career with proficiency in designing IT solutions.
- Pursue higher studies with practical knowledge of concepts and skills in the field of Information Technology.
- Exhibit professionalism, team work and expose to current trends towards continuous learning.

## Program Specific Outcomes:

- Apply the appropriate Computational Techniques, Data Organization, Information Processing, Algorithms and Programming tools for solving Engineering problems.
- Adopt Software Development Life Cycle methodologies and tools to build robust Management Information System.
- Apply layered architecture, security and protocols of Networking to build infrastructure for Information Technology.

## Topics to be covered in the FDP

This FDP spans across the following topics:

### Day 1:

- Block chain fundamentals
- Benefits of block chain
- Block chain architecture
- Activity - Brainstorm a tagline like "In blocks we trust"
- Trust and availability
- Data veracity

### Day 2:

- Hyper ledger
- Smart contracts
- Creating a block chain environment - Hands on
- Creating a sample smart contract
- Block chain applications
- Block chain in Telecom
- Block chain in Logistics

### Day 3:

- Introduction to Swift Using Playgrounds
- Design Patterns
- Complex UI Design



### About the FDP

**Objective:** Block chain is a revolutionary technology and soon, it will avail a key role in some of the major industries. Apart from Bitcoin, it can be used for a wide variety of applications such as tracking ownership, physical assets, voting rights, security.

Technology has created a monumental shift in how we live and technology is driving this change. It's part of almost every aspect of our lives, from helping us figure out the fastest way to get to work, keeping track of our day, and connecting us with colleagues, friends, and family.

### FDP Outcomes:

- Understand key features, different types of platforms & Languages of Blockchain Technology
- Know how to launch Blockchain in a single node and extend to multiple nodes using BAAS architecture
- Learn Swift coding language
- Learn to create Apps scratch
- Programming standards & conventions for iOS App Development

### Who Can Attend?

Teaching/non teaching faculty. It also helps other faculty to keep in touch with the Block chain and Mac OS.

### Registration Fee

Teaching/non teaching faculty: **Rs.550/-**  
**ISTE Members: Rs. 500/- (ID to be produced)**

### Send your registration to:

E-mail: [amcisebangalore@gmail.com](mailto:amcisebangalore@gmail.com)

### Contact:

Mrs. Mala B A: +91 9964994447  
Mrs. Octet Roslin Thomas: +8073810813  
Please feel free to contact the above numbers for any clarification regarding the workshop

### Chief Patron:

**Dr. K R Paramahamsa, MBA, PhD**  
Chairman, AMC & CITY Institutions

### Patron:

**Dr. A G Nataraj**  
Principal, AMCEC

### Organizing Chair:

**Dr. P. Bindhu Madhavi**  
Professor and Head,  
Dept. of ISE, AMCEC

### Advisory Committee:

**Dr. Shadaksharappa**  
Principal, SSCE  
**Dr. Rekha**  
HoD-CSE, KSIT

**Dr. Basavaraj Patil**  
Professor, ISE, AMCEC  
**Dr. Latha C. A**  
HoD-CSE, AMCEC

### Conveners:

**Dr. Selvin, Dr. Suresh**  
**Dr. Usha, Dr. Gomathi P**  
Assoc. Professors- ISE, AMCEC

### Coordinators:

**Mrs. Amutha R, Mrs. Pavitra N,**  
**Mrs. Smitha, Mr. Shivananda S, Mrs. Rajashree,**  
**Mrs. Deepashree, Ms. Parvathy.S**  
**Mrs. Ayain John, Mrs. Octet Roslin Thomas**  
Asst. Professors- ISE, AMCEC

### Technical Committee

**Ms. Srushti, Ms. Mala B A, Mr. Rahul B,**  
**Ms. Rintumol M Thomas, Mr Bineet Kumar Jha**  
Asst. Professors- ISE, AMCEC



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On  
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### Registration Form

Name: \_\_\_\_\_

Designation: \_\_\_\_\_ Dept. \_\_\_\_\_

Institute/College: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Mobile: \_\_\_\_\_

Fax: \_\_\_\_\_

Email ID: \_\_\_\_\_

Applicant's Signature

HOD/Principal

Place:

Date: