DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi.)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– **560 057.**

Phone:080-28 372800/1/2   Fax: 080-28 372797

ACADEMIC YEAR 2018-2019

Date: 19/01/2018

CIRCULAR

Faculties are here by informed about Department is conducting a Five days Faculty Development Programme titled as **"Block Chain"** for our faculties for their Technical Developments from 22nd Jan 2018 to 26th Jan 2018.Interested faculties can register their names with Prof Kavitha G, Assistant Professor.

HOD

Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering

Copy to

1. The office of the Principal
2. HODs: CSE/ECE/EEE/IS/ME/CV/BT/PHY/CHE/MATH

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

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ACADEMIC YEAR 2017-2018

FIVE days FDP on "Block Chain" onJAN 22nd-26th, 2018

Programme schedule

DATE/DAY	TIME	EVENT,SPEAKER &TOPIC COVERED	VENUE
22/01/2018, MONDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance
	10:00 AM -10:40 am	Inaugural Function	ALH-206
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	**Lecture-1: Prof Suriya Prakash** Introduction to block chain • key features of block chain	ALH-206
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	**Lecture-2: Prof. VeenaK R** • Bitcoin, Introduction to Ethereum, Ethereum block chain	ALH-206
23/01/2018, TUESDAY	9:00 AM-10:40 AM	**Lecture-3: Prof. Ramanagouda S Patil** • Deploying smart contract	ALH-206
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:oo pm	**Lecture-4: Prof. Kavitha G** • Deploying over Remix IDE	ALH-206
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	**Lecture-5: Prof. Suriya Prakash** Hands on Session	ALH-206
24/01/2018, WEDNESDAY	9:00 AM-10:40 AM	**Lecture-6: Prof. Ramanagouda S Patil** • Privacy and Ethics	ALH-206
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:oo pm	**Lecture-7: Prof Suriya Prakash** • Usability and Accessibility	ALH-206
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	**Lecture-8: Prof. Suriya Prakash** Hands on Session	ALH-206
25/01/2018, THURSDAY	9:00 AM-10:40 AM	**Lecture-9: Prof. Ramanagouda S Patil** Cyber security use cases, Capital market use cases.Other Block chain Technologies and Innovations	ALH-206
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:oo pm	**Lecture-10: Dr. KamalakshiNaganna** • Usability and Accessibility	ALH-206
	1:00 pm- 2:00pm	Lunch Break	
26/01/2018, FRIDAY	9:00 AM-10:40 AM	**Lecture-11: Prof. Veena K R** • MakerDao and Dai, ERC 721 tokens	ALH-206
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:oo pm	**Lecture-12: Prof. Kavitha G** • Hyperledger fabric and composer	ALH-206
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	**Certificate Distribution**	ALH-206

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road.

Bangalore-560 057

Registration Details

Name:_____

Designation:

_____

Qualification:

_____

Experience (In Years)Teaching:_____

Industry: _____

Address for communication:

Phone   Office:_____

           Mobile:_____

E-mail:_____

Signature of Participant

*Signature of the Head of the
Organization/Department/Institute with Seal*

Chief Patrons:

Sri Dayanand G.
Chairman
SriSrinivasaEducational&CharitableTrust

Sri G D
ManojExecutive
Director
SriSrinivasaEducational&CharitableTrust

Patrons:

Dr. Srinivasan N. Director, SCE

Dr. M. Aswatha Kumar Principal, SCE

Organizing Chair:

Dr. Yogish H K

Professor & Head

Co-ordinator•

Prof. Kavitha G

Assistant Professor

SAPTHAGIRI COLLEGE OF ENGINEERING

Five days Faculty Development

Programme on

"Block Chain"

22nd Jan to 26th Jan2018

Organized *by:*

Department of Computer Science & Engineering

SAPTHAGIRI COLLEGE OF ENGINEERING

Recognized by AICTE, New Delhi & Affiliated to VTU, Belgaum)

#14/5, Chikkasandra, Hesarghatta Main Road
Bangaluru-560057. Phone No. 080-28372801/221
Fax: 28372797. www.sapthagiri.edu.in

About College

There is a dearth of qualified engineers who are equipped to take on the challenges of the new economy. To help the country fulfill this need was born the "Sapthagiri College of Engineering (SCE)" in the year 2001, a college with a vision to shape up professionals in the field of technology. The brainchild of a group of visionary entrepreneurs, who have formed Sri Srinivasa Educational & Charitable Trust', the trust also runs Sapthagiri Institute of Medical Science & Research Centre, Bangalore. SCE is on a mission to enable Indian Engineers to take our country to a global leadership status in technological development.

The institute is affiliated to VTU & recognized by AICTE. It offers B.E. in Computer Science & Engg, Information Science & Engg, Mechanical Engg, Electrical & Electronics Engg, Electronics & Communication Engg, Bio-technology and Civil Engg and M.Tech in Computer Science & Engg, VLSI & Embedded Systems.

About the Department

The department of Computer Science & Engineering had its beginning in the year 2001. It currently offers Bachelor of Engineering (B.E) degree with an intake of 120, Master of Technology (M.Tech) degree with an intake of 24 in Computer Science & Engineering and also Ph.D program. The primary focus of the department is to produce highly competent IT professionals, who can be readily acceptable by the industry. To motivate and orient the students to achieve academic excellence, the technical workshops, expert lectures from eminent speakers, conferences and competitions are organized on a regular basis in addition to the regular class room teaching from highly dedicated team of faculty.

About the FDP

This FDP will elevate overall knowledge of Block Chain Technology.

Pre-requisite

- Basics concepts of Machine Learning.

Contents

1. Introduction to Block Chain
2. Bit Coin
3. Introduction to Ethereum block chain
4. Deploying Smart Contract
5. Deploying over Remix IDE
6. Privacy and Ethics
7. Usability and Accessibility
8. Cyber Security use cases
9. Capital Market use cases
10. Hyper ledger fabric and Composer

Resource Person:

Dr. KamalakshiNaganna,
Professor
Sapthagiri College of Engineering

Prof. Ramanagouda S Patil,
Assistant Professor
Sapthagiri College of Engineering

Prof. SuriyaPrakash,
Assistant Professor
Sapthagiri College of Engineering

Prof. Veena K R,
Assistant Professor
Sapthagiri College of Engineering

Prof. KavithaG,
Assistant Professor
Sapthagiri College of Engineering

Note

Number of participants will be limited to 30. The selected participants will be informed of their selection by e-mail.

Registration Fee: Free

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ACADEMIC YEAR 2017-2018
FIVE days FDP on "Block Chain" on JAN 22nd-26th, 2018

ATTENDANCE REPORT

SL. No.	Name	Day 1 22/1/2018		Day 2 23/1/2018		Day 3 24/1/2018		Day 4 25/1/2018		Day 5 26/1/2018	
		FN	AN	FN	AN	AN	AN	FN	AN	FN	AN
1	Dr. KAMALAKSHI NAGANNA										
2	Prof. CHAITHRA										
3	Prof. RAMANAGOUDA S PATIL										
4	Prof. LATHA A										
5	Prof. SURIYA PRAKASH										
6	Prof. MADHU SHREE										
7	Prof. MAMATHA A										
8	Prof. VEENA K.R										
9	Prof. KAVITHA G										
10	Prof. SRIKANTH M S										
11	Prof. GAJENDRA PRASAD										
12	Prof. NANDA.M.B										
13	Prof. ANURADHA BADAGE										
14	Prof. SHILPA M										
15	Prof. KAVYA N.L										
16	Prof. SUPREETHA S										
17	Prof. SNEHA G										
18	Prof. ARUN KUMAR										
19	Prof. ABISHEK K L										

Principal
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ACADEMIC YEAR 2017-2018

REPORT ON
Five days FDP on "FIVE days FDP on "Block Chain "on JAN 22nd-26th, 2018

The FDP was organized for all Computer Science D epartment staff, the session was headed by Prof. Ramanagouda S patil and Prof. J Suriya Prakash, subject experts.

FDP includes overall Concepts of Blockchain, called blocks that are linked using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data. By design, a Blockchain is resistant to modification of the data.

- There are various **Blockchains** that come in public, permissioned or private versions.

- Today, there are dozens of different protocols, considered as **Blockchains** and can be classified as distributed ledger technologies.

- For example Ethereum, Corda from R3, Fabric from IBM and Ripple.

It included practice sessions as well. It was attended by the faculty of CSE department.

Glimpse of FDP   Hand on Session

Convener

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
:lore-560 057

Chairman

SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, HESARAGHATTA MAIN ROAD, BENGALURU – 560057

Certificate of Participation

This is to certify that

Mr./Ms. _____Prof. Shruthi . N._____

Successfully participated in the **Faculty Development Program** on "Block Chain" from 22/01/2018 to 26/01/2018 organized by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bengaluru–560057.

HOD
Professor & Head of the Department
Science Engineering

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560057

PRINCIPAL
Principal
Sapthagiri College of Engineering