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Report

On

Two Days BOOT CAMP

"BLOCKCHAIN"

08/11/2019 to 09/11/2019

Organized by

Internal Quality Assurance Cell(IQAC)

At

KG Reddy College of Engineering & Technology

Submitted by

Mrs.Ashwini Gulhane

Assistant Professor ,CSE Departement

IQAC COORDINATOR

COORDINATOR, IQAC
KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M),
Ranga Reddy Dist.,Telangana

PRINCIPAL

Principal
KG Reddy College of Engineering & Technology
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Objective:.

- Understand the function of Block chains as a method of securing distributed ledgers, how consensus on their contents is achieved, and the new applications that they enable.
- Describes the technological underpinnings of block chain operations as distributed data structures and decision making systems, their functionality and different architecture types.
- Understand a critical evaluation of existing "smart contract" capabilities and platforms, and examines their future directions, opportunities, risks and challenges.

Outcome:

At the end of the Two Day BOOT CAMP program the students able to

- Understand the structure of a block chain and why/when it is better than a simple distributed database.
- Analyze the incentive structure in a block chain based system and critically assess its functions, benefits and vulnerabilities.
- Evaluate the setting where a block chain based structure may be applied, its potential and its limitations, Understand what constitutes a "smart" contract, what are its legal implications and what it can and cannot do, now and in the near future.
- Analyze to what extent smart and self-executing contracts can benefit automation, governance, transparency and the Internet of Things (IOT)

Resource Persons:

1. **Mr.Pankaj Diwan**
2. **Mr.Rohith**
3. **Mr.Sai Akshay**

KGRCET/IQAC/2019-20/SEM-I/ 0272

Date:07/11/2019

IQAC CIRCULAR

All the students of block chain club are here by informed that there is two days **BOOT CAMP** on **BLOCKCHAIN TECHNOLOGY** which is scheduled on 8th to 9th NOV 2019.In this regard all the heads are requested to encourage the students from your department to attend the BOOT CAMP without fail.

Coordinator

COORDINATOR, IQAC
KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M),
Ranga Reddy Dist., Telangana

Chairman

CHAIRMAN, IQAC
KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M),
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Copy to

Director

Heads of CSE,ECE,& EEE

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TWO DAYS

BOOT CAMP

ON

"BLOCKCHAIN"

From 08/11/2019 to 09/11/2019

Day-1 (08/11/19):

SESSION 1:

The session started by the resource person Mr.Pankaj Diwan. He has given the overall introduction about the block chain technology. He has been covered following points.

1. Why BLOCKCHAIN.
2. Use case of BLOCKCHAIN.
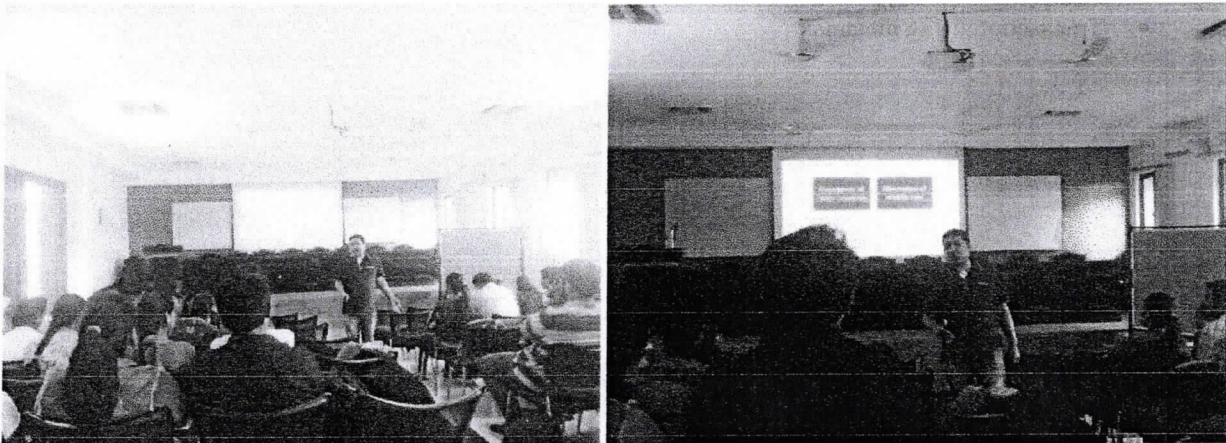3. What the internet did for communication, blockchain will do for trusted transaction.

Why BLOCKCHAIN:-
The blockchain is a fresh form of digital technology that generally prevails independently of government authorities or private institutions, there is absolutely no central server, no administrator, no national boundary, no owner, and it is at the forefront of conversations about the future of democracy, money, legislation, personal information, health, security, insurance, and more – to the degree that some people are even discussing whether it could cause a major disruption to traditional infrastructures.
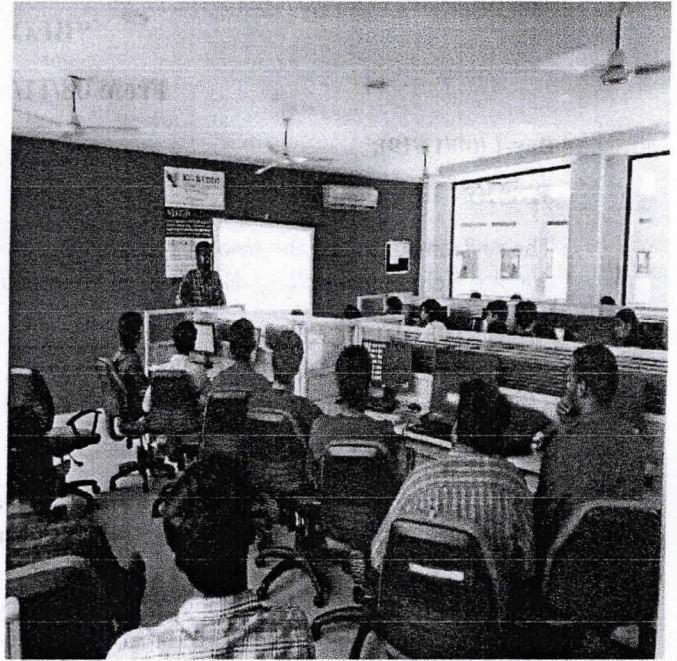
Use case of BLOCKCHAIN:-
He has been discussed various use cases of block chain with students like,

- Healthcare
- Government services
- Forecasting
- Banking

Mr.Pankaj Diwan explaining about use case of BLOCKCHAIN

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After that in afternoon from 1:30 pm Mr.Rohith and Mr.Sai Akshay took a charge for the session

Trainer explaining about the Metamax

They have covered some basic topics like

- What is metamax?
- How to install metamax:
  Installation of metamax has shown to student and student also in practice it on their own system.
- Creating and accounting metamax.
- How to use test network to add currency in the account.
- Transaction using metamax.

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Day-2 (09/11/19):

On the 2nd day of boot camp they have explain how to use Remix IDE

Remix - Ethereum IDE

Remix is a suite of tools to interact with the Ethereum block chain in order to debug transactions, stored in this Git repository. A Remix transaction Web debugger is available here, and its source code is part of this repository. The Remix IDE is an IDE for Solidity App developers, powered by Remix.

In afternoon session students learn how to write program in solidity, also they have design smart contract for

- **Banking**
- **Students details**
- **Voting machine**

Students are writing Smart Contract on Banking, Student details and Voting machine

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Two Day Boot Camp

On

BLOCKCHAIN TECHNOLOGY

From

8th November to 9th November ,2019

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Mr.Pankaj Diwan

He is a Managing Director, Idealabs

Moonshot thinker, Mentor, Technology Evangelist, Committed to Skill development, Fuelling Innovation and Entrepreneurship Enabler in Startup Ecosystem.

At Idea labs, Pankaj works with Policymaking bodies, Universities and Colleges in setting up Incubation Centres and Innovation Hubs to hone skills in emerging technologies promote product thinking, innovation and entrepreneurship.

He incubates start-ups and provides them mentoring and technology support. He runs several initiatives like workshops, boot camp and hackathons to seed the culture of Innovation and Entrepreneurship.

Idea labs are a key player in the Innovation ecosystem in India.

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TWO DAYS BOOT CAMP
ON
BLOCKCHAIN TECHNOLOGY
(8th to 9th Nov 2019)

Session: FN/AN:9/11/19

SI.NO	REGNO	NAME	DEPARTMENT/SECTION	SIGNATURE
1.	18-426	E. Kavya	E.C.E-A	Kavya
2.	18-422	C. Tabitha	R.C.E-A	Tabitha
3.	18-430	G. Vamsi	R.C.E-A	G.S.V.Reddy
4.	18-408	N. Rahul	E.C.E-A	Rahul
5.	18-419	B. Prashanth	E.C.E-A	Prashanth
6.	18-455	M. Krishna	E.C.E-A	Krishna
7.	18-450	K. Vishnu	E.C.E-A	
8	18-469	M. VISHNU	E.C.E-B	M.vish
9	18-496	Sarfaraz	ECER	Sarf
10	18-463	Inzamam	ECE B	Inzam
11	18-485	R. Shiva krishna	ECE-B	Shiva
12	18-494	Shiv Shankar singh	ECE-B	
13	18-491	Nikhil	ECE B	NKT
14.	18-462	Asna kousar	CCE-B	Anakousa
15	18-464	M. Meghana	ECE-B	Meghana
16	18-487	Rajeswari. PSVR	ECE-B	Rajeswari
17	18-471	lahari	ECE-B	lahari
18.	18-426			
18.	18-424	D. Thulasi priya	ECE-(A)	D. Thulasi priya
19	17-429	M. Akhila	ECE (3rd yr)	Akhi
20	17-443	T. Sai charan	ECE (3rd yr)	Bu
21	17-589	V. Pavani	CSE (3rd yr)	Pa
22	17-560	M. Priyanka	CSE (3r yr)	Pa
23	18-539	Y. Sai Satya	CSE (2nd yr)-B	
24	19-506	K. Sai kumar	CSE (2nd yr)-B	Bsaikumar.
23	18-549	Kaushik Tiwari	CSE (2nd yr)-A	Tiwri
24	18-416	B. Yashoda krishna	CSE (2nd yr)-A	
25	18-560	MSJ Sai (pavan)	CS (2nd yr2-A	
26	18-505	Akash Makane	CSE (2nd yr)-A	
27.	18-577	Srinivas	CSE (2nd yr)-A	Srini
28.	18-572	Mukesh	CSE (2nd yr)-B	Mukesh
29.	17-442	S. Nikitha	ECE-III	Nikitha
30.	17-565	Saifuddin	CSE-III-B	Saif

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31.	17-568	Kunal Mourya	CSE - B (3rd yr)	
32.	17-529	G. Pradhiksha	CSE - A (3rd yr)	
33	17-515	R. Rahul	CSE - B (3rd yr)	R. Rahul
34	17-596	Y. aashritha	CSE - B (3rd yr)	Aashritha
35	12-449	Viswanadh.V	ECE - 3rd year	
36	17-518	CH. Vijay kumar	CSE - A (3rd year)	CH. Vijay
37.	17-504	Ajit. C	CSE - A (3rd year)	
38.	17-514	B. Jaish	CSE - A (3rd year)	Jaish
39.	17-520	Ch. Raja karthik	CSE - A (3rd year)	Rajakarthik
40	18-500	G. shravanthi	CSE - B (2nd year)	Shravanthi
41.	18-564	M. Akhila	CSE - B (2nd year)	Akhila
42.	18-596	S. Anusha	CSE - B (2nd year)	Anusha
43.	18-508	T. Mahitha	CSE - B (2nd year)	mahitha
44.	18-578	Amulya	CSE - B (2nd year)	Amulya

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(8th to 9th Nov 2019)

Session: FN/AN: 8/11/19

SI.NO	REGNO	NAME	DEPARTMENT/SECTION	SIGNATURE
1	17QM1A0563	Furqaan	IIrd- CSE-B	
2	17QM1A0565	Saif	III - CSE-B	
3	17QM1A0568	Kunal	III- CSE-B	
4	17QM1A0529	Pradhiksha	III- CSE-A	
5	17QM1A0442	Nikitha	III- ECE	
6	17QM1A0575	R. Rahul	III rd yr CSE-B	R.Rahul
7	17QM1A0429	M. Akhila	III rd yr ECE	
8	17QM1A0443	T. Sai charan	III rd yr ECE	
9	17QM1A0589	V. Pavani	III r yr CSE-B	
10	17QM1A0560	M. Priyanka	III r yr CSE-B	
11	17QM1A0588	T. Akhila	III r yr CSE-B	
12	17QM1A0596	Y. Aashivitha	III r yr CSE-B	
13	18QM1A05C0	G. Shravanthi	IInd yr CSE-B	Shravanthi
14	18QM1A056H	M. Akhila	IInd yr CSE-B	Akhila.
15	19QM5A0506	K. Sai kumar	IInd yr CSE-B	K.saikumar
16	19QM5A0512	S. Vamshidhar Reddy	IInd yr CSE-B	S.Vamshi.
17	18QM1A05B9	Y. Sai satya	IInd yr CSE-B	YSS
18	18QM1A0549	Kaushik Tiwari	II nd yr CSE-A	
19	18QM1A0516	B. Yashoda Krishna	IInd yr CSE-A	
20	18QM1A0517	Srinivas	IInd yr CSE-A	
21	18QM1A0505	Akash Makane	IInd yr CSE-A	
22	18BM1A0560	Sai Pavan	IInd year CSE-A	Pavan.
23	18QM1A0572	P. Mukesh Yadav	IInd year CSE-B	
24	18QM1A0491	S Nikhil Teja	IInd Year ECE-B	S.Nikteja
25	18QM1A0485	Shiv Krishna	IInd year ECEB	Shiv Krish
26	18QM1A0469	M. VISHNU	II Year ECE B	M.vish
27	17QM1A0518	CH. Vijay Kumar	III year CSE A	CH. Vijay
28	17QM1A0514	Jaish Biradar	III year CSE A	Jaish
29	17QM1A0506	Ajit. K	III year CSE A	Ajit
30	17QM1A0520	Raja Karthik	III year CSE A	Karthik
31	17QM1A0449	Vishwanath Vaaanasi	III year ECE	Vish
32	18QM1A0471	N. Lahari	IInd yr. ECE-B	
33	18QM1A0426	Kavya	IInd year ECE-A	

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34	18QM1A0425	Aishwarya	II nd yr. ECE-A	
35.	18QM1A0422	Tabitha	II-yr ECE A	
36.	18QM1A0430	Vamsi	II-yr ECE-A	
37	18QM1A0455	Sai Krishna	II-yr ECE-A	
38	18QM1A0408	Rahul	II yr ECE-A	
39	18QM1A0419	Prashanth	II yr ECE-A	
40	18QM1A0424	Thulasipriya	II yr ECE-A	
41	18QM1A05A0	Geetika	II yr CSE-B	
42	18QM1A05B4	Vineela	II yr CSB-B	
43	18QM1A05A8	T.Mahitha	II yr CSE-B	
44	18QM1A0578	P.Amulya	II yr CSE-B	
45	18QM1A0596	S.Anusha Yadav	II yr CSE-B	

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