



# ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University

Electronics City, Bengaluru - 100

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A FRANCISIAN INSTITUTE OF HIGHER LEARNING

## Report on Guest Lecture on Recent Research trends in IA & IOT

Date: 11/01/2021 to 13/01/2021

Time: 11:30 am to 12:30 pm

Venue/Online Platform: Google Meet

### Introduction

The Department of Computer Science, SFS College organized a seminar on 'Artificial Intelligence (AI)' on 11<sup>th</sup> January 2021 in online. The guest speaker was **Dr. Mahalakshmi S.B**, Assistant professor. PG dept. of CS/IT at Shri Ramakrishna college of arts and science Coimbatore with 10 years of teaching experience and 2yrs of industrial experience. The event started with a welcome address. In her talk she emphasized what is the artificial intelligence, the uses of the artificial intelligence, its architecture and applications in real life with relevant examples. It was a very informative session. The lecture was received with admiration by the students and they also found the slides appropriate. The event ended with honorarium to the guests and vote of thanks. She spoke on "AI at a glance" and gave hands-on experience in use of AI using an android phone and highlighted the scope of the topics, its applications, future impact and spoke about several courses and job opportunities in that area. The session had an interactive QA session wherein the students quizzed him on several issues ranging from the basics, technology aspects of AI, applications to a common man.

Discussions regarding the future of AI in India and abroad took place between the students and the speaker. Queries were regarding the involvement of devices in AI like sensors, network, and connectivity and so on. He also added people use AI words as per their convenience. Hardware people think that only connecting devices to the Internet means AI or only wireless sensors network means AI, on the other end software people think that only app.

### Day 2:

The second day continued from **Dr. K. Kalaiselvi**, Assistant Professor, Computer Science Kristu Jayanti College, Bangalore. Today computers and the Internet are almost wholly dependent on human beings for information. Nearly all of the roughly 50 petabyte (1 petabyte = 10<sup>15</sup> bytes) of

data available on the Internet were first captured and created by human beings by pressing a

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record button, taking a digital picture, or scanning a bar code. Conventional diagrams of the Internet leave out the most numerous and important routers of all - people.

The problem is, people have limited time, attention and accuracy all of which means they are not very good at capturing data about things in the real world. And that's a big deal. We're physical, and so is our environment ... You can't eat bits, burn them to stay warm or put them in your gas tank. Ideas and information are important, but things matter much more. The Internet of Things has the potential to change the world, just as the Internet did or even more.

The proliferation of devices with communicating-actuating capabilities is bringing closer the vision of an Internet of Things, where the sensing and actuation functions seamlessly blend into the background and new capabilities are made possible through access of rich new information sources. The evolution of the next generation mobile system will depend on the creativity of the users in designing new applications. IoT is an ideal emerging technology to influence this domain by providing new evolving data and the required computational resources for creating revolutionary apps.

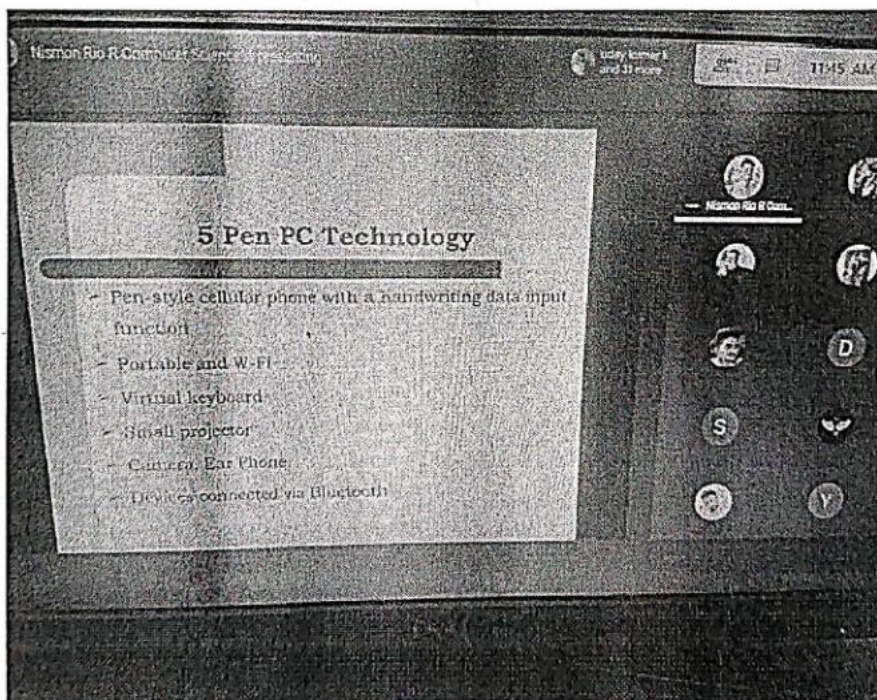
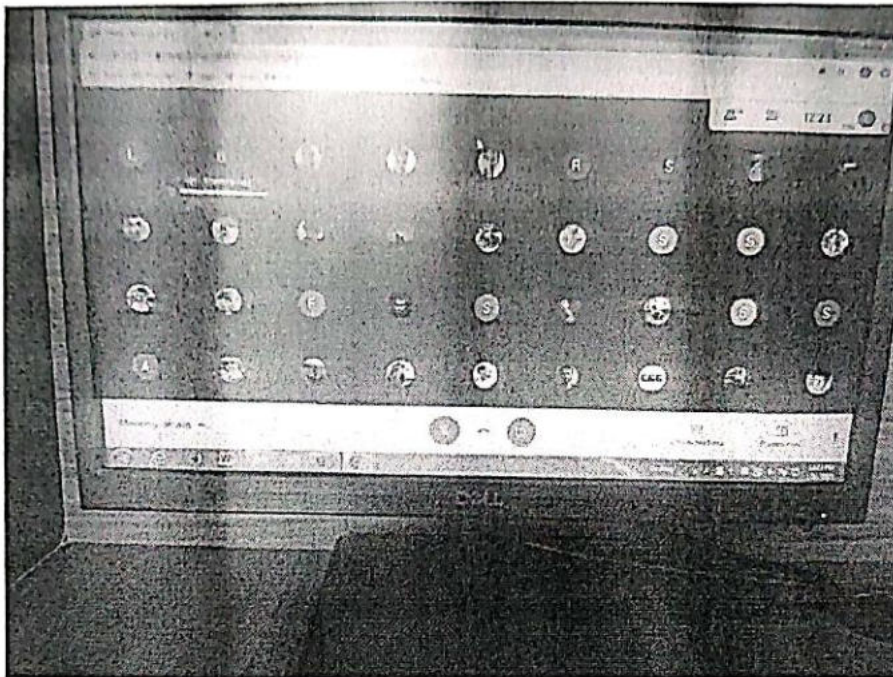
### **Day 3:**

The third day continued from Dr. R. Nismon Rio, Assistant Professor, Computer Science, CHRIST (Deemed to be University). A blockchain, originally block chain, is a growing list of records, 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. Blockchain Technology Overview NIST Pagefree downloads NISTIR 8202.

The presentation of the lecture was excellent, with the lecture organized into a slide showing methodical divisions in the AI area, such as the technical spectrum, the marketing issues on AI and so on. The presentation contained several videos which caught the attention of the students and made it very effective. Lecture has a bright future for at least another 20 years and the focused and determined professionals in the area can make it to the top and grow with the field.

**Insert Photos**










#### List of Participants

Sl. No.	Name of the Student	Register Number	Course, Class, Section	Remarks
1.	Divyashree	18D007K	Bca 5th sem	Very good
2.	Rajkumar RH	18D041H	V Sem BCA	Good
3.	Rajkumar RH	18D041H	V Sem BCA	Good
4.	Pratap	18D037K	BCA rd sem	Good
5.	Ebenezer	18D008K	BCA 5th sem	Good
6.	Anija Johnson	18D003E	5th sem BCA	Excellent
7.	Jaya Kirubalan K.P	18D014K	BCA V sem	Excellent
8.	Jaya Kirubalan K.P	18D014K	BCA V sem	Excellent
9.	Kishor.D	18D070K	BCA	Very good
10.	Harshitha.R	18d011k	BCA	Very good
11.	Karthik Abhishek.S	18D016K	BCA 5th sem	Excellent
12.	Antony S	18D005T	BCA 5 SEM	Excellent
13.	Antony S	18D005T	BCA 5 SEM	Excellent
14.	Antony S	18D005T	Bca 5 sem	Excellent
15.	Pratap	18D037K	Bca 3rd sem	Very good
16.	M. Manoranjan Meitei	18D030E	III Year BCA	Excellent
17.	Sushidharan R	18D060F	BCA	Good
18.	Mahesh Babu.D	18D023k	BCA vsem	Good
19.	Jaya Kirubalan K.P	18D014K	BCA V sem	Excellent
20.	RAGHAVENDRA GK	18D040K	BCA 5th SEM	Good
21.	Sarath Kumar.G	18D049TA	BCA	Good
22.	BK Shrinik	18d055f	Bca	Good
23.	Sahaya kanish jovitha M	18D046K	5th sem bCA	Very good
24.	Sahaya kanish jovitha M	18D046K	5 sem BCA	Very good
25.	Prashanth M	18D036K	Bca	Good
26.	Sandeep R	18D048k	5sem, BCA	Good



27.	Abhishek Gourav	18D001H	5th sem BCA	Fair
28.	Rakesh K N	18D043k	5th BCA	Good
29.	Lavanya.R	18D021K	5th sem BCA	Excellent
30.	Priya R	T18D074K	3rd BCA	Excellent
31.	Maresh.g	18d024k	BCA 5th sem	Good
32.	Manu S	18d027H	BCA	Good
33.	Yesu Padam	18d066	5th sem BCA	Very good
34.	Rohith V	18d045k	BCA 5th Sem	Good
35.	Vimalnath	18d064k	Bca 5th sem	Good
36.	Vimalnath	18d064k	Bca 5th sem	Good
37.	Manjunath.P	18d026h	Bca	Very good
38.	Mukul Vaishnav	18D031f	BCA - 5th	Very good
39.	Thilak	18d062k	V Bca	Excellent
40.	Ranjith Kumar TN	18D044K	BCA V sem	Very good
41.	Ganesh m	18D010H	Bca 5th sem	Excellent
42.	Uday kumar k	18D063K	3rd year Bca	Very good
43.	Prashanth M	18D036K	Bca	Good
44.	Imran	18D012H	BCA	Good
45.	Sandeep R	18d048k	5 sem BCA	Good
46.	Soundarya.V	18D057K	BCA 5th sem	Very good
47.	Lavanya h v	18d020k	Bca	Good
48.	Sneha Thomas	18d056H	BCA 3RD YEAR	Good
49.	Shashidhar s	18d053k	Bca	Good
50.	Shashidhar s	18d053k	Bca	Good
51.	Divya.M	18d067K	5th sem BCA	Excellent
52.	Pushpa.M	18D039K	BCA	Very good
53.	Lisha	18d022k	Bca fifth sem	Excellent
54.	Sathish kumar DS	18D051K	5th BCA	Good
55.	Surya S	18D059K	5th BCA	Very good
56.	Sathish kumar DS	18D051K	5th sem BCA	Good
57.	Pavithra D	T18d073K	BCA 5th sem	Good
58.	Anandha prabhu	18D002	BCA	Excellent
59.	Naveed pasha	18d034h	Bca vsem	Excellent
60.	Narashiman.R	18d033f	Dcn	Very good
61.	Kiran mathew	18D019K	BCA III	Excellent
62.	Maresh.g	18d024k	Bca 5th sem	Very good
63.	Mohan K	18d029k	Java	Good
64.	Naveen Kumar s	18d035k	3rd year BCA	Excellent

\*Attach the excel generated from responses for feedback form

  
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