

R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY

RSM NAGAR, PUDUVOYAL 601206



CENTRE OF EXCELLENCE
IN
INTERNET OF THINGS

Webinar
on
Role of Data Analytics in Internet of Things

SPEAKER

Mrs. Jayashree Logesh

Capital One Financial Services, USA

COORDINATORS

Dr.G.Nalinashini

Professor/EIE/RMDEC

Mr.R.Vijay Anandh

ASP/ECE/RMKCET

Mrs.B.Praveena

AP/EIE/RMKEC






02.05.2020

10.00 AM – 11.00 AM



EVENT POSTER:

	R.M.K GROUP OF INSTITUTIONS CENTRE OF EXCELLENCE IN INTERNET OF THINGS	
WEBINAR ON ROLE OF DATA ANALYTICS IN INTERNET OF THINGS		
DATE AND TIME 02 nd May 2020 Saturday 10.00 a.m. - 11.00 a.m.	SESSION EXPERT  Mrs. Jayashree Logesh Senior Data Analyst Capital One Financial Services Virginia, United States Alumni- EIE / RMDEC [2010-2014]	TARGET AUDIENCE IYr IoT-CoE Students (ECE, EEE, EIE)
Mrs.B.PRAVEENA ASSISTANT PROFESSOR / EIE R.M.K ENGINEERING COLLEGE	SESSION COORDINATORS Dr.G.NALINASHINI PROFESSOR / EIE R.M.D ENGINEERING COLLEGE	Mr. R. VIJAY ANANDH ASSOCIATE PROFESSOR / ECE R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY

REPORT:

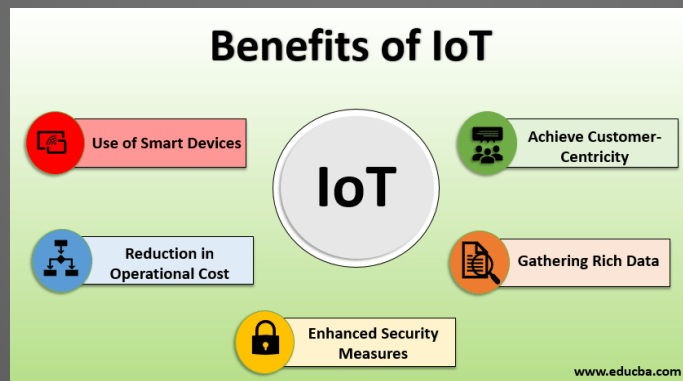
Summary

This webinar covered the basics of Internet of Things and Data analytics concepts. Discussed the need for IOT ,processing of Data analysis for Technology consulting- decision-making, product roadmapping, workflows formalization, programs for technology refreshment and expansion; Software engineering- to develop, customize, migrate and modernize custom apps for specific business needs such as data, workflows and infrastructure management, customer engagement, analytics, digital content; Product development. and Systems integration models were explained and industry use case problems were explained.

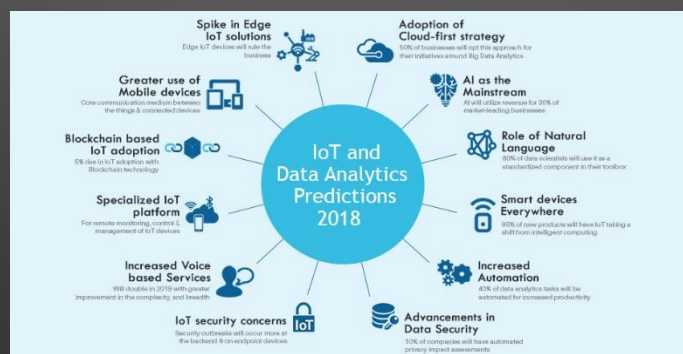
BRIEF REPORT:

Objective – To give awareness about IoT concepts ,its basic block diagram , interaction with other domains and how data analytics are used in IoT applications..

The session started with the introduction of IoT and its concepts. IoT is a concept that connects all the devices to the internet and let them communicate with each other over the internet. IoT is a giant network of connected devices – all of which gather and share data about how they are used and the environments in which they are operated.

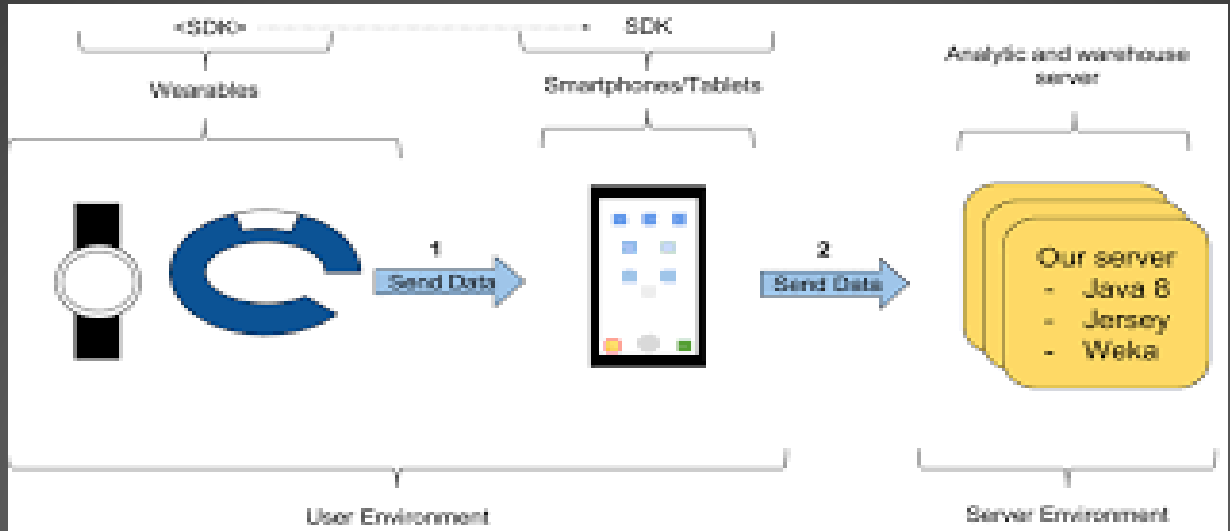


Concept of understanding role of data analytics were explained with simple concepts

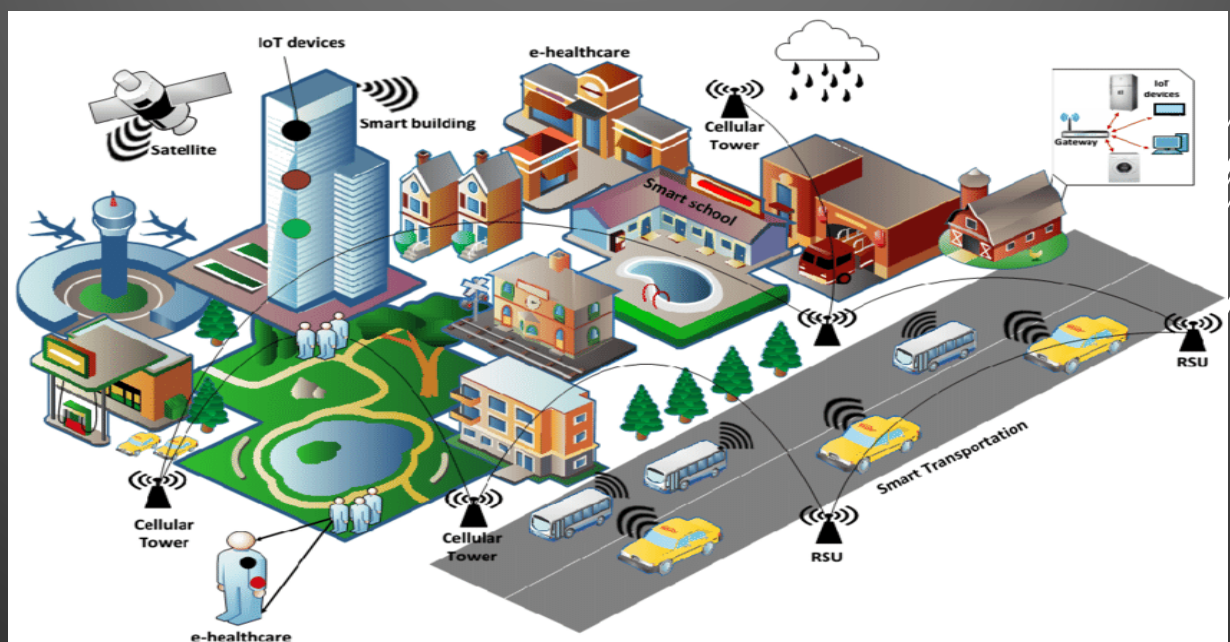


BRIEF REPORT:

Use Case 1 - Wearables – FITBIT: How collection and processing of data from wrist wearable devices were discussed.



Use Case 2 - SMART Cities - IoT-enabled smart city use cases span multiple areas: from contributing to a healthier environment and improving traffic to enhancing public safety and optimizing street lighting.



CONCLUSION

The speaker suggested the students to enhance their skills in Programming language and to learn hardware concepts .She encouraged the students to study and work out demand problems with IOT solutions.

SAMPLE FEED BACK:

The webinar was very useful for me, it was easier for me to get a brief description of this topic and it's advantages and the role of it in our future. In this modern-day lifestyle more and more data are being stored and this data is very important for industries, so IoT enables them to store these data in an organised manner.

overall it was a great session executed by our group of institutions alumni.

Thank you for sharing your experience and knowledge

- **SAJEEV KUMAR N**

The session is very useful and we got a clear idea about the iot working process , how to analyse the data's and what are the steps to take while analysing a data

I have asked few questions regarding the language which can be used for data analytics and how to secure our data .I got a clear explanation from the madam.

Thank you sir..

- **JOSHUA J**