

## **Report for Workshop on “Fundamentals of Big Data and Hadoop” on 29th May 2021.**

**Topic: Fundamentals of Big Data and Hadoop**

**Resource person:** Mr. Pavan P Kakathkar, Data Engineer, Cisco Systems, Bengaluru, Karanataka, India.

**Organizers: Department of Computer Applications, SCIMS.**

**Conveners:**

- Dr.Venkatesan Selvam, Professor & Dean (SCIMS).
- Dr.Latha Tamilselvan, Professor & HOD/CA.
- Dr.P.Sheik Abdul Khader, Senior Professor & Prof. In-Charge, Library/ CA.

**Coordinators:**

- Dr. A. Jaya, Professor / CA.
- Dr. A.Abdul Azeez Khan, Associate Professor / CA
- Dr. K.Javubar Sathick, Associate Professor / CA
- Dr. A.K.Ashfauk Ahamed, Assistant Professor / CA

**Date & Time:** 29.05.2021 @10 AM – 4 PM

**Online Mode** – Google Meet (Video call link: <https://meet.google.com/fpo-eamr-eix>)

Or dial: (US) +1 520-369-5926 PIN: 122 344 394#)

**Objective:**

- The main objective of the workshop is for the benefits of our students to enrich practical knowledge on the latest technologies.
- As a social responsibility to invite remote institutions and share our knowledge and experienced exposure.

Dr.Latha Tamilselvan, Prof & HOD/CA, welcomed the gathering and briefed about the workshop. Dr.P.Sheik Abdul Khader, Senior Prof & Prof. In-Charge, Library/ CA gave presidential address and highlighted the importance of big data and hadoop in IT career. Dr Jaya, Prof / CA gave introduction on the big data and hadoop concepts. Following that Dr. A.K.Ashfauk Ahamed, AP/CA introduced the speaker Mr. Pavan P Kakathkar, Data Engineer,

Cisco Systems, Bengaluru, Karanataka, India. Who handled the session on the “**Fundamentals of Big Data and Hadoop**” and gave hands-on training on hadoop concepts. Students utilized this session very usefully and did many exercises on hadoop. Apart from this session an additional session arranged on **2<sup>nd</sup> June, 2021, 9AM – 11AM** for students for clarifying the doubts on the hadoop concepts. The second year students of the department of CA have attended the workshop along with them many faculties from various institutions such as. Sri Kaliswari College (Autonomous), Sivakasi, RCC Institute of Information Technology, West Bengal, Umanath singh institute of Engineering & Technology, UP, Dhanalakshmi Srinivasan Engineering College, Perambalur, Bharath Institute of Higher Education and Research, Alagappa University Anna University, Chennai attended the session. A total of 65+ participants attended the event. The participants were provided with the course content, code files and slides. Finally this session ended with vote of thanks. We collected very good feedback from various participants.

Screenshots:



SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES  
DEPARTMENT OF COMPUTER APPLICATIONS  
ORGANIZES  
WORKSHOP  
ON  
**"Fundamentals of Big Data and Hadoop"**  
Date: 29 May 2021, Saturday. Time: 10 AM to 4 PM

**Speaker:**



**Name:** Pavan P Kakathkar  
**Designation:** Data Engineer  
**Full Official Address:** Cisco Systems,  
Bengaluru Urban,  
Karnataka, India.



**Coordinators**

1. Dr. A.K.Ashfauk Ahamed, Assistant Professor / CA
2. Dr. A.Jaya, Professor / CA
3. Dr. A.Abdul Azeez Khan, Associate Professor / CA
4. Dr. K.Javubar Sathick Associate Professor / CA

**Conveners**

1. Dr. Venkatesan Selvam, Dean (SCIMS)
2. Dr. Latha Tamilselvan, Professor & Head / CA
3. Dr. P.Sheik Abdul Khader, Senior Professor & Prof. In-Charge, Library/ CA

Registration Link: <https://forms.gle/48dseapE26rX97zC8>

QR Code:



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Note: \*No Registration Fee.



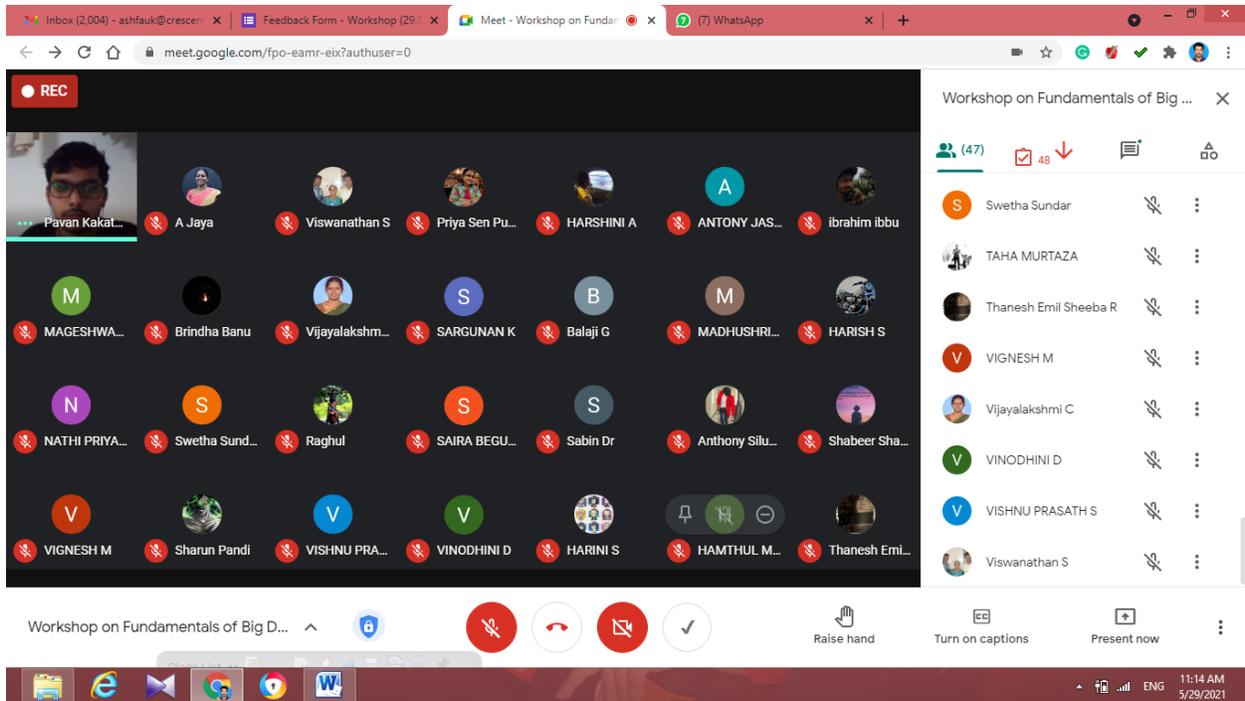
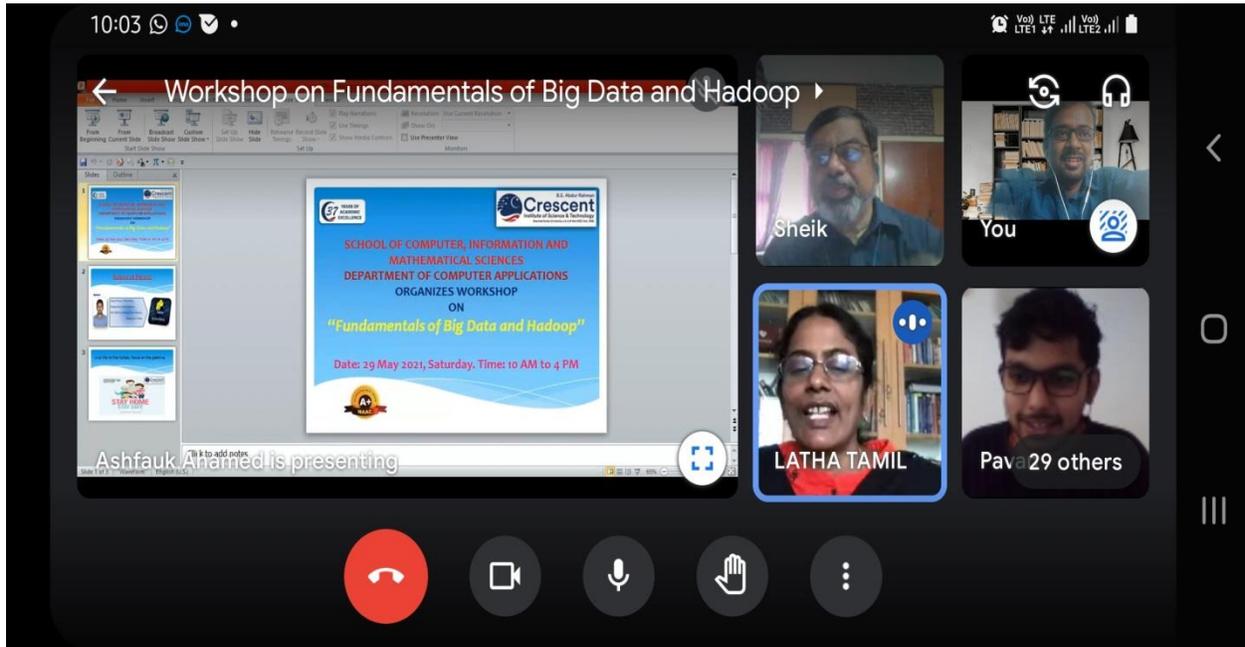
**SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES**  
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**WORKSHOP**  
**ON**

***“Fundamentals of Big Data and Hadoop”***

**Date: 29 May 2021, Saturday.**

**Time: 10 AM to 4 PM**

<b>Program Schedule</b>		
<b>Time</b>	<b>Event</b>	<b>Spoke Persons</b>
10.00AM – 10.10AM	Welcome Address	<i>Dr. Latha Tamilselvan, Professor &amp; Head / CA</i>
10.10AM – 10.15AM	Presidential Address	<i>Dr. P.Sheik Abdul Khader, Senior Professor &amp; Prof. In-Charge, Library/ CA</i>
10.15AM – 10.20AM	Speaker Introduction	<i>Dr. A.K.Ashfauk Ahamed, Assistant Professor / CA</i>
10.20AM – 11.45AM	Fundamentals of Big Data and Hadoop	<b>Speaker:</b> <i>Pavan P Kakathkar, Data Engineer, Cisco Systems, Bengaluru.</i>
12.01PM – 1.00PM	Session Continuation	
1.00PM – 2.00PM	Luch Break	
2.00PM – 4.00PM	Session Continuation	
4.00PM – 4.05PM	Vote of Thanks	<i>Dr. A.K.Ashfauk Ahamed, Assistant Professor / CA</i>



Workshop on Fundamentals of Big ...

REC Pavan Kakathkar is presenting

### 5 Vs of Big Data

**Veracity:**

- It refers to inconsistencies and uncertainty in data, that is data which is available can sometimes get messy and quality and accuracy are difficult to control.
- Big Data is also variable because of the multitude of data dimensions resulting from multiple disparate data types and sources.
- *Example:* Data in bulk could create confusion whereas less amount of data could convey half or Incomplete Information.

Participants in call: Ashfauk Ahamed..., A Jaya, Anthony Siluvai Wins P, ANTONY JASON Y, ARUN KUMAR P, ASWINI M.

Workshop on Fundamentals of Big ...

REC Pavan Kakathkar is presenting

### What is Hadoop

- The Apache Hadoop software library is a framework that allows for the distributed processing of large data sets across clusters of computers using simple programming models.
- Now, Open source Apache License.
- Designed to scale up from single servers to thousands of machines, each offering local computation and storage.
- Designed to detect and handle failures at the application layer- delivering a highly-available service on top of a cluster of computers, each of which may be prone to failures.

Participants in call: Swetha Sundar, TAHAMURTAZA, Thanesh Emil Sheeba R, VIGNESH M, Vijayalakshmi C, VINODHINI D, VISHNU PRASATH S, Viswanathan S.

System tray: 11:15 AM 5/29/2021



REC Pavan Kakathkar is presenting

NATHI PRIYA V and 27 more

```

mooop@ubuntu:~$ ipsc
7496 249
5115 ResourceManager
5243 Responder
4902 Dispatcher
4976 Scheduler
4783 NameNode
mooop@ubuntu:~$ hdfs dfs -ls /
  
```

Participants: Pavan Kakathkar, Sharun Pandi, MAGESHWA..., HARINI S, PRAVEEN KU..., HARIRAM NA..., MOHAMMED..., Anthony Siluv..., MANOJ KUM...

Workshop - Second Session

Buttons: Raise hand, Turn on captions, Pavan Kakathkar is presenting

REC Pavan Kakathkar is presenting

Workshop - Second Session

Chat messages:

- DHANUSH RAGHUL P K: Tq sir
- ibrahim ibu: Thank you sir
- MALIN N: 11:09 AM No doubt sir
- NATHI PRIYA V: 11:09 AM No doubt sir
- MAHMOOD MABROOK A S: 11:10 AM yes sir , thanks for session , its okay problems are always come ,next time we will correct we dont think , installation alone this much difficult.

class-list (2021-0....html)

11:11 AM 6/2/2021

## Feedback:

**Feedback Form - Workshop on Fundamentals of Big Data and Hadoop (29.5.21)**  
 \*Required

Email \*

Your email

Department of Computer Applications (SCMS), S&T Crescent Institute of Science & Technology, Workshop on "Fundamentals of Big Data and Hadoop".

Full Name (Students Enter your RRN along with Name) \*

Your answer

Mobile Number \*

Your answer

Designation (If student mention it student) \*

Your answer

Response to participant's questions \*

1 2 3  
 satisfied    Satisfy

The content was useful and relevant \*

1 2 3  
 satisfied    Satisfy

Is the session was useful for choosing higher education? \*

Yes   No

Overall session evaluation \*

Feedback Form - Workshop (29.5.21) (Responses) ☆ 📄 📁

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1	Email Address	Full Name (Students Enter your RRN)	Mobile Number:	Designation (If student mention it student)	Response to participant's questions *	The content was useful and relevant *	Is the session was useful for choosing higher education? *	Overall session evaluation:
2	gokulpriyaja@gmail.com	Gokul priya J A	9677189050	Student	3	3	1	Excellent
3	ibrahim7libu7@gmail.com	Ibrahim.K (191421601016)	9514765943	Student	3	3	1	Excellent
4	harshiniarunachalam46437@gmail.com	Harshini Arunachalam	8939439310	Student	3	3	1	Good
5	manojmurugam55@gmail.com	M.Manojkumar (191421601026)	9150567947	Student	3	3	1	Excellent
6	mahmoodmabrook.bcs_ds2019@crescent.edu.in	Mahmood mabrook	9790495003	BCA Data science	2	2	1	Good
7	rithiksharvesh27@gmail.com	Rithiksharvesh Ks	9962189955	191421601038	2	2	1	Good
8	rkhrn2k@gmail.com	Hariram Narayanan	8939439310	Student	3	3	1	Excellent
9	sharunpandi301@gmail.com	E. Sharun Pandi (191421601042)	8523931230	Student	2	3	1	Good
10	harini_bca_ds2019@crescent.edu.in	Harini S	8778417447	Student	3	3	1	Excellent
11	deepakthulasingam2001@gmail.com	Deepak RRN 191421601007	7338977608	BCA DATASCIENCE	3	3	1	Excellent
12	jagadishgowtham0@gmail.com	Nathipriya V - 191421601036	6382948893	Student	3	3	1	Good
13	pspriyaparkait@gmail.com	PRIYA SEN PURKAIT	9903579563	Assistant Professor	3	3	1	Excellent
14	sairabegum2306@gmail.com	SAIRA BEGUM T N(191421601039)	9940037443	Student	3	2	1	Good
15	vijayalakshmi@crescent.edu.in	C Vijayalakshmi	9840489748	Assistant Professor(Senior)	3	3	1	Excellent
16	meerasp2002@gmail.com	S.Hamthul meera .rrn: 19142160101	6382834261	Student	3	3	1	Excellent
17	harishrx13@gmail.com	S.Harish ( RRN-19142160104)	7305211305	BCA(data science) 2nd year	3	3	1	Good
18								
19								

+ ☰ Form Responses 1 ▾

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