



Department of CSE Event Report

EVENT TYPE	: Faculty Development Program
EVENT TITLE	: “FDP on EMERGING RESEARCH TRENDS IN BLOCK CHAIN & DATA SCIENCE”
SPONSORED BY	: NA
DATE / TIME	: 08-05-2023 TO 12-05-2023/ 02:00PM –4:00 PM
VENUE	: Auditorium
SPEAKER/RESOURCE PERSON :	Mr.Chitra sabapathy Ranganathan, Associate Vice President, Mphasis Corporation. Dr.R.Ganesh Kumar, professor, CSE. Dr.S.Veenadhari, Rabindranath Tagore university, Dean CS & IT Dr.Mohammed Farroq Adbulla, Professor- CSE, kumaraguru college of Technology,
ORGANISING SECRETARY	: Dr.T.Kumanan , Mrs.Chinchu Nair
DEPARTMENT HEAD	: Dr.S.Geetha
TARGET AUDIENCE	: 3 rd year CSE
EVENT DESCRIPTION :	

The Department of Computer Science and Engineering organized a one week virtual Faculty Development program on “Emerging Research Trends in Block chain and Data Science” through online mode from 8.5.2023 to 12.05.2023. Dr.S.Geetha HoD/CSE gave the welcome address. The KeyNote address given by Dr. V. Cyril Raj Additional Registrar and about the FDP was given by Dr. Kumanan- FDP Coordinator. On the First day Dr. Ramesh Babu - From CSE welcomed the guest speaker of the day, Dr. Chitra Sabapathy Ranganathan Associate Vice President, Mphasis Corporation, Arizona. Discussed about “The topic was IOT BIG DATA and ADVANCE ANALYTICS”. On the Second day Dr. T.V. Ananthan from CSE introduced the guest speaker of second day, Dr. R. Ganesh kumar professor CSE from Christ University, Bengaluru. He discussed about the technical topic “THE BLOCK CHAIN COMPUTING AND TECHNIQUES”. On the Third day Dr. S. From CSE Introduced the guest speaker of the day, Dr. S. Veenadhari Dean, CSE & IT from



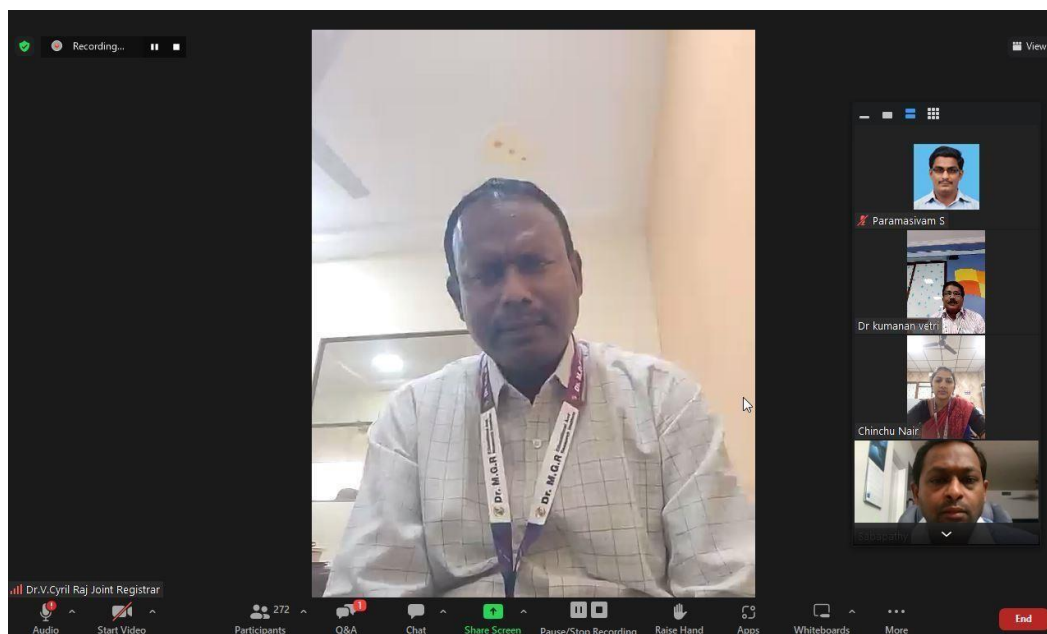
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Rabindranath Tagore University, Bhopal. She elaborated on the topic “DATA DRIVEN SCIENCE ”

On the Fourth day Dr.Gunasekaran from CSE Introduced the guest speaker of the day, Mr. Mohammed Farooq Abdulla. F.M from department of DS&AI, Kumaraguru College of technology, Coimbatore. He enumerated various concepts on “HYBRID APPS DEVELOPMENT “

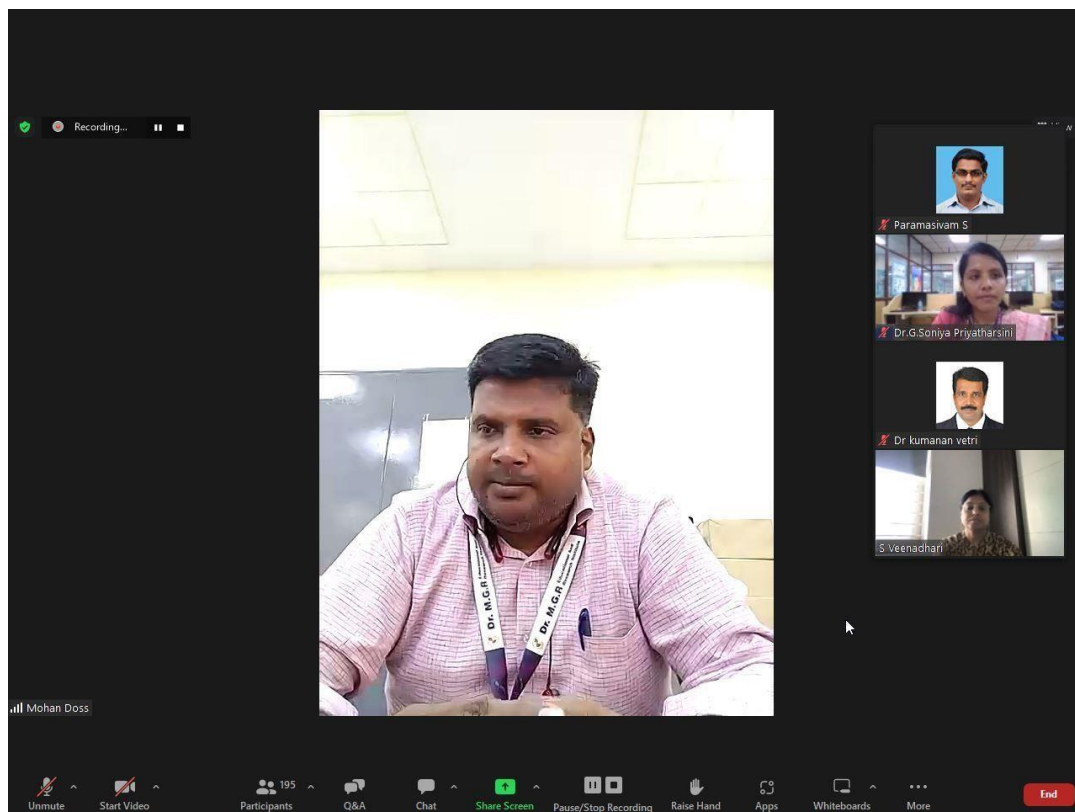
On the Fifth day Dr. V.Ramesh babu From CSE Introduced the guest speaker of the day, Dr. M. Prasanna, professor, SITE, Vellore institute of technology, the session was about “ INDUSTRIAL PERPECTIVE ON SOFTWARE TESTING“

Valedictory ceremony commenced on 12/5/23 through online mode. The valedictory event was hosted by Dr. Soniya Priyatharsini Associate Professor CSE. The Welcome address was given by Dr. Victo Sudha George, Dpty.Hod-CSE and Dr. N Ethiraj Dean E&T delivered the presidential address .Mrs.Chinchu- Fdp Coordinator presented the overall report of FDP, Dr.Dinesh kumar , Addl.Hod-CSE conveyed the vote of thanks to the gathering. Our sincere thanks to the FDP Coordinators Dr.T.kumanan , professor and Ms.Chinchu Nair, Asst, professor from Department of CSE. On the note, Department of CSE Consider it as a Great Privilege and honor to thank our Honorable President and all the Executives for the success and smooth conduct of the event.





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Recording...

**FDP
On
Emerging Research Trends In
Block Chain & Data Science**

Data Driven Science


By
Dr S Veenadhari




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Recording... You are viewing Sabapathy's screen View Options

IOT and Big Data Challenges



IoT generates large amounts of data using sensors, devices, and other interconnected objects that collect and transmit data in real-time. For example, a smart thermostat may collect data on temperature, humidity, and occupancy every few seconds and transmit this data to a central hub for processing and analysis. Similarly, a connected car may collect data on speed, acceleration, and location, which can be used to optimize routes and improve driving performance.




However, collecting, storing, and analyzing this data can present challenges for organizations that deploy IoT applications. These challenges include:

Data volume: IoT devices generate vast amounts of data, which overwhelm traditional data storage and processing systems. Organizations need to develop scalable infrastructure and data management strategies to accommodate the growing volume of IoT data.

Data variety: IoT data comes in various formats, including structured and unstructured data, text, images, and video. Organizations need to develop tools and techniques to process and analyze this diverse data.

Data velocity: IoT data is generated in real-time and requires fast data processing and analytics capabilities to support real-time decision-making.

Data quality: IoT data can be noisy and incomplete, requiring data cleaning and quality control measures to ensure accurate and reliable data.



Audio Start Video Participants 302 Q&A Chat Share Screen Pause/Stop Recording Raise Hand Apps Whiteboards More End



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