

MADANAPALLE INSTITUTE OF TECHNOLOGY & ENGINEERING

(UGC –Autonomous)

Report

on

ONE DAY SEMINAR ON DATA SCIENCE & BIG DATA ANALYTICS

Seminar Organised by **Dr.G. Arunkumar** ,Associate Professor, Department of Computer Science and Engineering, MITS ,

Date : 02-11-2019

Day : Saturday

Time : 9.30 Am – 1.00 Pm

Participants : III CSE A, B, C & D section students – Total Members Present – 120



Inauguration of Seminar begins by Inviting the Vice Principal- Academics Dr.V.Ramanathan, Dr. Mahaboob Basha Shaik Head of Department –CSE, Dr.G.ArunKumar Associate Professor – CSE and Resource Person for the Seminar Mr.VarunBalaji occupy the chairs in the stage. Inaugurations begin with the prayer song followed by the Lighting the Kutuvellaku by the Resource Person and Vice Principal and HOD along with the student participant of the Seminar.

Our Vice principal-Academics given the inaugural speech on Data is one of the important features of every organization because it helps business leaders to make decisions based on facts, statistical numbers and trends. Data science is an extension of various data analysis fields such as data mining, statistics, predictive analysis and many more. Moreover, in India, the data science jobs are expected to see 1.5 lakh new openings in 2020, which is an increase of about 62% as compared to 2019, according to a report by Great Learning. Currently, 70% of job postings in this sector are for Data Scientists with less than five years of work experience.

Our HOD – CSE –Dr. Mahaboob Basha Shaik Addresses about the opportunity of big data analytics leads to intense competition and increased demand for big data professionals. Data Science and Analytics is an evolving field with huge potential. Data analytics help in analysing the value chain of business and gain insights. Why is big data analytics important? Big data analytics helps organizations harness their data and use it to identify new opportunities. That, in turn, leads to smarter business moves, more efficient operations, higher profits and happier customers. Big Data analytics is used to uncover the patterns and make a meaning full observations about it and apply the same for Business Intelligence and to have a competitive advantage over the rival companies. A new class of big data technology has emerged and is being used in many big data analytics environments.

Resource Person of Seminar Mr.VarunBalaji , Associate software Developer – Cognizant Technologies Ltd , Chennai . Addresses about Why big data is important for the future? Big data can improve your ability to make the right decisions in almost every area of your business. Because data is the key to fuelling things like analytical apps and artificial intelligence, it's also crucial to delivering the kind of insights leaders need to move their company forwards. Big data isn't just an important part of the future, it may be the future itself. The way that business, organizations, and the IT professionals who support them approach their missions will continue to be shaped by evolutions in how we store, move and understand data.

Who should take data analytics and 5 reasons why everybody should learn data analytics

Gain problem solving skills. At heart, analytics is all about solving problems. ...

High demand. ... Analytics is everywhere. ... It's only becoming more important.

Finally Dr.G.ArunKumar Associate Professor – CSE proposed the Vote of Thanks to Mr.VarunBalaji & Vice Principal Dr.V.Ramanathan & HOD – CSE Dr. Mahaboob Basha Shaik and the Seminar session started by 9.50am

Seminar on Data Science and Big Data Analytics

The seminar started with definition and challenges in BIG DATA followed by the skillset required to solve these challenges, the job opportunities and the skill set that will be required for the next decade? The discussion also included areas and application solutions based on AI, Machine Learning, Deep Learning, Predictive Analytics, Cyber Security, IBM Watson and Cognitive Computing. The speaker also discussed about various important tools like IBM Cognos, IBM Infosphere Big Insight, IBM Watson, Hadoop, Spark, R, Python, Microsoft Azure, AWS, SPSS, Tensor flow, and Blue Mix , which are available in the market to perform data analysis.

The seminar also inlaid understanding of job & career opportunities in the discussed field and specified companies, hiring data scientists. It was an interactive session and a great platform where students openly shared their queries like, how could someone with no technical or coding background shift into analytics or the advantages of Machine Learning etc. They were given adequate understanding and felt motivated to enhance their learning and deep dive into the new concepts. An enriching session like this can take the aspirants to an all new level.

Outcome of the Seminar:

1. **Students understand the importance of Data Analytics.**
2. **Students can view data in different dimension and make analysis.**
3. **Students get real idea, On how to do analysis on data and predict the results**
4. **Seminar is helpful for students for making their career paths towards Data Science.**
5. **Students are interested on working on different data which already available in**

Kaggle

Seminar Closing:

Seminar Session ends by 1. 30pm.And followed by Feedback about the workshop by the students and sharing the great memories of the workshop.



Madanapalle Institute of Technology & Science
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ORGANIZES SEMINAR
ON

DATA SCIENCE & BIG DATA
ANALYTICS

ON

DATE : 02-11-2019 (SATURDAY)

TIME: 09.30AM - 1.00 PM

RESOURCE PERSON

MR. VARUNBALAJI

ASSOCIATE SOFTWARE DEVELOPER

COGNIZANT TECHNOLOGIES.LTD

CHENNAI



VENUE

MITS - ME SEMINAR HALL
SOUTHBLOCK - GROUND FLOOR

Chief Patron

Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent

Patron

Sri.N.Krishna Kumar
Chairmen

Chief Coordinator

Dr.C.Yuvaraj
Principal

Coordinator

Dr.Mahaboob Basha Shaik
HOD - CSE

Convener

Dr.G.ArunKumar
Asso.Prof - CSE