

Report on
Alumni Guest Lecture on
"Tech Talk in cloud and network security: Getting Ready to Placement"
Organized by
Department of Computer Science and Engineering - Data Science
Date: 11.08.2023



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya Dist., Andhra Pradesh
Department of Computer Science & Engineering - Data Science
Organizing
Tech Talk: Getting placement ready
Networking and Cloud Security

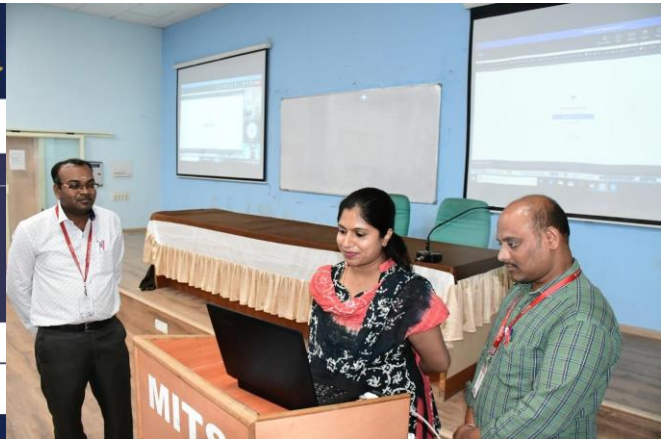
Resource Person
PRABU BALASUBRAMANIAN
Principal Architect
Allimetrik India Pvt. Ltd.

DATE
11.08.2023
Time
10.00 am to 12.00 Noon

Seminar Hall B

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|--|---|--|
| Chief Patron Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent | Patron Mrs. Keerthi Nadeella Executive Director | Program Chair Dr. C. Yuvaraj Principal |
| Co-Chair Dr. S. Kusuma HOD / Data Science | Convener Dr. K. Lokeshwaran Asst. Prof. / Data Science | Coordinators G. Rajkumar Asst. Prof. / Data Science |
| | | K. Durga Charan Asst. Prof. / Data Science |

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Submitted by: Mr. G. Rajkumar, Assistant Professor, Department of CSE (Data Science), MITS, Madanapalle.
Convened by: Dr. K. Lokeshwaran, Assistant Professor, Department of CSE (Data Science), MITS, Madanapalle.
Co-ordinated by: Mr. G. Rajkumar, Assistant Professor, Department of CSE (Data Science), MITS, Madanapalle.
Mr. S. Durga Charan, Assistant Professor, Department of CSE (Data Science), MITS, Madanapalle.

Attendance: 66 participants (Internal)

About the Resource person:

Mr. B. Prabu was a Principal Architect with overall 17 years of experience in IT Infrastructure, IT Budgeting, DevOps Practice, Agile, SDLC, Enterprise application development, Database, Infrastructure Automations with technical background. He is actively involved in all the technology advancements and continuously incorporates the tech revolutions to develop/enhance/migrate with the best optimizations possible.

Objective of the Guest Lecture:

The primary objective of these guest lectures is to provide an in-depth understanding to get ready for placement. He explained the entire functions and components of network, and how we achieve the security in networks. He also given the brief lecture in cloud storage. Through interactive sessions, I aim to engage the audience, stimulate critical thinking, and encourage meaningful discussions on the subject matter.

The programme started at 10:00 AM at Seminar Hall "B", the entire programme was organized by the Convener: Dr. K. Lokeshwaran, Assistant Professor, Department of Computer Science & Engineering (Data Science) and Dr. S. Kusuma, HOD/CSE(DS), delivered the welcome address to the gatherings.

The resource person started the session by extending his hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving his opportunity to share her knowledge and experience in Data Science Applications and Industrial Insights.



The following topics were discussed in the session.

1. Title: Introduction to computer network

Duration: 10 to 15 mins

Description: This lecture will lay the foundation for computer networks and its impertinences.

2. Title: Various network devices

Duration: 15 to 30 mins

Description: This lecture described various network devices used in different layers of networking.

3. Title: Types of networks and IP address

Duration: 15 to 40 mins

Description: In this lecture, we will focus on the various threats in the network and how we can overcome it.

4. Title: Cloud Storage

Duration : 15 to 40 mins

Description : In this lecture we focus on how the cloud storage is used to store information. And a live demo is shown to the students with AWS.

Outcomes of the Guest Lecture

1. Gained a comprehensive understanding of computer network and its applications.
2. Understood practical applications and real-world relevance of cloud storage.
3. Exchanged ideas with an industry expert.
4. Acquired valuable insights and perspectives from current research and case studies.
5. Broadened their knowledge base in computer network security and cloud storage.

The session was concluded at 12.00 Noon, followed by a vote of thanks, given by the Coordinator of the Seminar Mr. G. Rajkumar, Assistant Professor, Department of Computer Science & Engineering (Data Science), MITS, Madanapalle.