



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC-AUTONOMOUS)

Affiliated to JNTUA, Anantapuramu & Approved by AICTE, New Delhi
Recognised Research Center, Accredited by NBA for CE, CSE, ECE, EEE, ME, MBA
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Report on Alumni Interaction

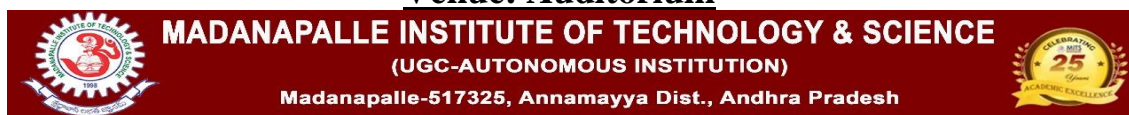
"Core competencies required for a job in software companies"

Organised by Department of CSE-Artificial Intelligence

Date: 25.09.2024

Time: 10.30 AM

Venue: Auditorium



Department of CSE(Artificial Intelligence)

In Association with MITS- Alumni welfare association Organizing

Alumni Interaction on "Core competencies
required for a job in software companies"



Resource Person

Ms. Marpuri Harshini & Ms. Marpuri Harshitha
Packaged app development associate
Accenture, Bengaluru

Date: 25-09-2024 Time: 10:30 A.M. - 12:30 P.M. Venue: AUDITORIUM

Chief Patron
Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent

Patron
Mrs. Keerthi Nadella
Executive Director

Program Chair
Dr. C. Yuvaraj
Principal

Convenors
Dr. K. Chokkanathan
HOD (Dept. of AI)

Co-ordinator
Mrs. Aiysha Noori
Asst. Professor

www.mits.ac.in

Submitted by: Mrs Ayisha Noori V K, Dept. Alumni Coordinator, Dept. of CSE-AI

Attendance: 168

participants including faculty.

Faculty attended:

- | | |
|----------------------|--------------------------------|
| 1. Dr P Ramanathan | - Vice-Principal, Academics |
| 2. Dr K Chokkanathan | - HoD/CSE-AI |
| 3. Ayisha Noori V K | - AI Dept. Alumni Coordinator |
| 4. Mr.Shahad P | - Assistant Professor, AI Dept |
| 5. Dr S Kalaivani | - Assistant Professor, AI Dept |
| 6. Mr Viswanath J | - Assistant Professor, AI Dept |

Students Attended: 163

Venue: Auditorium

The Alumni Interaction Program on "Core Competencies Required for a Job in Software Companies" was conducted to bridge the gap between academic learning and industry expectations. The session featured insights from our esteemed alumni currently working in leading software companies. This report summarizes the key points discussed during the interaction and provides actionable takeaways for students preparing for a career in the software industry.



Objective: To provide students with a clear understanding of the skills and competencies required to excel in software companies and to inspire them with real-world experiences shared by alumni.

The programme started at 10:30 AM with a welcome address to all the audience by the **Dr. K Chokkanathan**, H.O.D, CSE-AI, MITS, Madanapalle. The session was inaugurated by **Dr. P Ramanathan**, Vice-Principal, Academics. The resource persons were our Alumni students, Ms **Marpuri Harshini**(CSE-AI) and Ms **Marpuri Harshitha**(CSE-IOT) from 2024 batch.

The resource person M. Harshini started the session by extending her hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share her knowledge and experience.

Key Highlights:

1. Technical Skills:

- **Programming Proficiency:** Alumni emphasized the importance of mastering programming languages like Python, Java, C++, and JavaScript. Problem-solving skills through coding challenges were also highlighted.
- **Data Structures and Algorithms (DSA):** In-depth knowledge of DSA was described as a core requirement for technical interviews.
- **Database Management:** Familiarity with SQL and NoSQL databases, along with the ability to design efficient database schemas.
- **Software Development Life Cycle (SDLC):** Understanding the phases of SDLC and tools like Git for version control.

2. Soft Skills:

- **Communication Skills:** Clear and concise communication for collaboration with team members and stakeholders.
- **Teamwork:** Ability to work effectively in diverse teams and contribute positively.
- **Adaptability:** Flexibility to learn and adapt to new technologies and methodologies quickly.

3. Emerging Technologies:

- Alumni encouraged students to explore trending technologies like Artificial Intelligence (AI), Machine Learning (ML), Cloud Computing, DevOps, and Cybersecurity.

4. Problem-Solving and Analytical Thinking:

- Alumni shared examples where analytical thinking and logical reasoning helped them tackle real-world challenges.

5. Internships and Projects:

- Hands-on experience through internships and academic projects was stressed as a key factor for building a strong portfolio.
- Open-source contributions and participation in hackathons were also recommended.

6. Career Guidance:

- Alumni shared tips for resume building, interview preparation, and the importance of networking through platforms like LinkedIn.



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Interactive Session: Students actively participated in the Q&A session, seeking advice on:

- How to choose the right technology stack.
- Preparing for technical interviews and aptitude tests.
- Balancing academics and skill development.

Feedback: The program received an overwhelming response from attendees who appreciated the opportunity to learn from experienced professionals. Many expressed their interest in attending similar sessions in the future.

Conclusion: The Alumni Interaction Program successfully provided students with actionable insights and inspiration to excel in their career journeys. By focusing on the competencies discussed, students can align their preparation with industry expectations and increase their employability in the competitive software domain.

After the session, The Chief guest was honored by Dr. K Chokkanathan, HOD -AI dept. and felicitated by students and staff. The session concluded with the vote of thanks given by Mrs. Ayisha Noori VK, Department Alumni Coordinator.

Signature of the Coordinator

Signature of HoD, CSE-AI