



A Report on One- Day Workshop on
"Career & Placement Guidance for Product – Based Companies"
Organized by Department of Computer Science & Engineering (Data Science)
11.09.2026

MITS
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University under section 3 of UGC Act, 1956)
Madanapalle-517325, Andhra Pradesh, India.

One Day Workshop
on
Career & Placement Guidance
for Product-Based Companies

Date: 11-09-2026 **Venue: SRB219**

Resource Person
Mr. Karthikeyan A
Senior Analyst - Capgemini

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Co-Convener
Dr. S. Kusuma
Asst. Prof. & Head, Dept. of CSE(DS)

Coordinators
Mrs. Anuradha Prudhvi
Asst. Prof., Dept. of CSE(DS)
Mr. M. Balaji Prasath
Asst. Prof., Dept. of CSE(DS)

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Event Coordinators: Mrs Prudhivi Anuradha, Assistant Professor, Department of Computer Science & Engineering (Data Science); Mr. M. Balaji Prasath, Assistant Professor, Department of Computer Science & Engineering (Data Science), MITS, Madanapalle.

Resource Person Details: Mr. Karthikeyan A, Senior Analyst, Capgemini, Bengaluru

Participants: III-Year CSE-DS Students

Attendance: 120 Participants

Venue: Seminar Hall -A

Time: 10:00 AM To 1:00 PM

Mode of Conduct: Offline

Report Received on 21.09.2026.

Objectives of the Workshop:

- To provide students with an understanding of the career opportunities and recruitment process in product-based companies.
- To familiarize students with the skills and competencies expected by product-based organizations.
- To guide students in preparing for technical assessments, coding rounds, aptitude tests, and technical interviews.
- To enhance students' knowledge of problem-solving, data structures, algorithms, programming, and software development skills required for placements.
- To provide guidance on resume building, communication skills, and interview preparation.
- To help students understand industry expectations, current technology trends, and career pathways in product-based companies.
- To motivate students to develop a continuous learning and placement preparation strategy.

The programme commenced with a warm welcome to the **Resource Person, Principal, HOD, faculty members, and participants.**

Following the welcome, **Dr. S. Kusuma, Asst.Prof & Head**, Department of CSE(Data Science) addressed the gathering and emphasized the significance of the workshop in enhancing students' technical and career-oriented skills. Following her address, **Dr. P. Ramanathan, Principal, MITS** addressed the gathering and highlighted the importance of acquiring industry-relevant skills and pursuing continuous learning for students' professional growth.



The one-day workshop on “**Career & Placement Guidance for Product-Based Companies**” focused on the key skills required for students to build successful careers in the software industry. The Resource Person discussed various **development paths**, including Frontend, Backend, Full-Stack, and Mobile Development, and emphasized the importance of developing practical skills in a chosen area.

The workshop covered **DSA and problem-solving**, with emphasis on logical thinking, pattern recognition, and time and space complexity. The Resource Person also highlighted the importance of developing **original, real-world projects** and continuously improving them through deployment and feedback.

Students were introduced to **Git and GitHub**, including version control, collaboration, and open-source contributions. The workshop also provided an overview of **System Design**, covering basic concepts such as scalability, load balancing, caching, and application architecture.

The workshop concluded with an emphasis on **consistent learning, regular practice, project development, and continuous skill improvement** to enhance students’ career readiness and placement opportunities.

Outcomes:

The workshop provided students with valuable insights into the skills, knowledge, and preparation required for careers in product-based companies. The key outcomes of the event were:

- Students gained awareness of various **software development career paths** and relevant industry skills.
- Students developed an understanding of the importance of **DSA and problem-solving skills** for placement preparation.
- Students learned how to build **meaningful, original, and industry-relevant projects**.
- Students gained basic knowledge of **Git, GitHub, version control, and open-source contributions**.
- Students were introduced to the fundamentals of **System Design**, including scalability, load balancing, caching, and application architecture.
- Students understood the importance of **continuous learning, consistent practice, and maintaining a professional development profile**.
- The workshop motivated students to strengthen their **technical skills and career readiness** for opportunities in product-based companies.

SDG Goals Aligned with the Event

SDG 4 – Quality Education:

The workshop enhanced students’ technical knowledge, problem-solving abilities, and industry-oriented skills through practical guidance on DSA, software development, projects, Git, GitHub, and System Design.

SDG 8 – Decent Work and Economic Growth:

The programme supported students’ career readiness by providing guidance on employability skills, placement preparation, industry expectations, and career opportunities in product-based companies.

SDG 9 – Industry, Innovation and Infrastructure:

The workshop promoted technological learning and innovation by introducing students to software development practices, project development, open-source contributions, and basic system design concepts.

Conclusion

The one-day workshop on “**Career & Placement Guidance for Product-Based Companies**” provided students with valuable insights into industry expectations, technical skill development, and career preparation. The sessions on development skills, DSA, project building, Git, GitHub, and System Design helped students understand the importance of practical knowledge, problem-solving, and continuous learning. The workshop motivated students to strengthen their technical competencies, build meaningful projects, and prepare themselves effectively for opportunities in product-based companies.