MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
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A Report on
"CODEBOOST – Coding Club"
Organized by
Department of Computer Science & Engineering-Cyber Security
on 30.01.2026

Report Submitted by: Mrs. A. Komala, Assistant Professor, Department of Computer Science & Engineering-Cyber Security.

Mode of Conduct: Offline
Report Received on 17.02.2026.

The MITS Coding Club successfully organized a hands-on workshop titled **"CODEBOOST"** on 30th January 2026 from 1:00 PM to 3:00 PM at Madanapalle Institute of Technology & Science (MITS). Due to the unavailability of the auditorium and seminar halls, the workshop was conducted in classrooms (West Block-107 and adjacent rooms). Despite this constraint, the session was executed smoothly with enthusiastic participation from students.

A total of 98 second-year students from various branches across the institution attended the workshop. The wide participation reflected strong interest among students in enhancing their programming and algorithmic problem-solving skills.

The session was delivered by Mrs. Komala Anamalamudi, Assistant Professor, Department of CSE (Cyber Security). The workshop focused on the Two-Pointer Technique, an important algorithmic approach widely used in coding interviews and competitive programming. The resource person explained the concept, its applicability in array and string problems, time and space complexity analysis, and implementation strategies in a clear and interactive manner.

To reinforce understanding, two coding problems were discussed and immediately practiced by the participants during the session. Students actively implemented the solutions, clarified their doubts, and engaged in meaningful discussions, which significantly enhanced their conceptual clarity and practical exposure.

The event was successfully coordinated by Ms. TV Geethika (III CSE-CS), Ms. Kokila Chowdary (III CSE-CS), and Mr. Dinesh Babu (II CSE-CS). Their dedicated efforts ensured smooth organization, effective student coordination, and successful execution of the workshop.

Participants expressed high appreciation for the workshop through their feedback. Students highlighted the clarity of explanation, the hands-on practice approach, and the interactive learning environment as key strengths of the session. Overall, the workshop was well-received and successfully achieved its objective of strengthening students' coding skills and boosting their confidence in applying algorithmic techniques.