

Dr. AKHILESH DAS GUPTA INSTITUTE OF PROFESSIONAL STUDIES

FC-26, SHASTRI PARK, NEW DELHI.

Department of Computer Science & Technology

Date: 09th September 2025

Report

On

“WORKSHOP ON ROADMAP TO DATA STRUCTURES & ALGORITHMS”

Date of Event: 09th September 2025

Venue: Auditorium, ADGIPS

Time: 12:30 PM – 2:00 PM

Speaker: Mr. Monu Kumar (Senior Instructor & Product Engineer, Coding Blocks)

Objective: The objective of this workshop was to provide students with a clear road-map for mastering Data Structures and Algorithms (DSA), a crucial skill set for cracking technical interviews and excelling in competitive programming. The workshop also aimed to guide students toward placements, internships, and hackathon participation.

Organizers: BITUYG - The Official Society of the Department of Computer Science & Technology.

Activities: The workshop included interactive sessions on essential DSA concepts, guidance for technical interview preparation, and discussions about hackathons and coding platforms like LeetCode and Codeforces. Students actively participated and engaged with the speaker through questions and problem-solving exercises.

Key Takeaways:

- Gained clarity on the roadmap for mastering DSA and preparing for placements.
- Understood the importance of hackathons and competitive programming in skill development.
- Learned how to build and maintain strong profiles on platforms like LeetCode and Codeforces.
- Developed motivation to participate in technical events and coding contests.

Description: The workshop on 'Roadmap to Data Structures & Algorithms' focused on helping students understand the **systematic approach to mastering DSA**. The session emphasized the relevance of DSA in interviews and competitive programming, highlighting the **best resources and practices**. Mr. Monu Kumar shared his professional experience and **guided students** on building **strong technical portfolios**. The event promoted enthusiasm among students to improve their coding skills and actively engage in **real-world problem-solving**.

Outcomes: The session successfully helped students understand a step-by-step approach to mastering DSA. It **motivated** them to **participate in hackathons** and **coding contests**, **build competitive programming profiles**, and prepare for product-based company interviews. Certificates were distributed to all participants, and **special goodies** were awarded to the **top three winners**.

Beneficiaries: The event primarily benefited students of the Department of Computer Science & Technology as well as from other departments. A total of 177 students participated and gained valuable insights.

Infographics:

ADG
Institute of Professional Studies

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BBD

**DEPARTMENT OF
COMPUTER SCIENCE & TECHNOLOGY**
organizes
**WORKSHOP ON
ROADMAP TO DATA STRUCTURES
& ALGORITHMS**
by
CODING BLOCKS

KEY HIGHLIGHTS

- ◆ Important topics for Product-Based Companies
- ◆ What are Hackathons, & why should you participate?
- ◆ How to build LeetCode & Codeforces profiles
- ◆ The Roadmap for Placements & Internships

09/09/2025
AUDITORIUM
12:30 P.M - 2:00 P.M

SPEAKER
MR. MONU KUMAR
(SENIOR INSTRUCTOR & PRODUCT ENGINEER)

#ShapingGenerations

Poster announcing a “*Workshop on Roadmap to Data Structures & Algorithms*” organized by the Department of Computer Science & Technology in collaboration with Coding Blocks. It highlights key learning points such as DSA topics for product-based companies, hackathons, and building coding profiles for placements.

Photographs of the Event:



Director Sir and Mr Monu Kumar giving encouraging speech to the students for betterment of their understanding.



Top 3 Winners receiving awards from HOD Mam and Mr MonuKumar



Students attentively attending the “*Workshop on Roadmap to Data Structures & Algorithms*” in the auditorium, where the Mr Monu Kumar is delivering an interactive session on the importance of DSA for placements and coding skills.

Mukeetuzzama
(Faculty Event Coordinator)

Prof. (Dr.) Suman Bhatia
(Head, CST Department)

