

“CODE CRAFT- Coding Competition”

Crafting Solutions from Real Life

26 May, 2025
(01:00 PM Onwards)

PROGRAMME REPORT

Organized by



Department of Computer Applications

Greater Noida Institute of Technology (GNIOT)

(An Initiative of Ministry of Education, Govt. of India)

Knowledge park-II, Greater Noida– 201308

www.gniot.net.in

Department of Computer Applications

in association with

UPRISE CLUB

is organizing

CODE CRAFT

CODING COMPETITION

Crafting Solutions from real Life

EVENT COORDINATOR:

Mr. Aditya Kumar

Ms. Namita Sharma



26th Monday
May, 2025



01:00 PM
Onwards

Venue: **DCA Computer Lab, GNIOT**

Greater Noida, Delhi/NCR | Toll Free No : 18002746969

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Event Details:

- Event Name: CODE CRAFT: Coding Competition – Crafting Solution from real life
- Organized By: Department of Computer Applications (DCA)
- Event Coordinators: Ms. Namita Sharma, Mr. Aditya Kumar
- Uprise Club Coordinators: Dr. Shweta Rai, Dr. Anchal Gaba
- Date: 26 May, 2025
- Time: 1:00PM Onwards
- Venue: Computer Lab, GNIOT, Greater Noida

OBJECTIVES:

- **To Encourage Logical and Analytical Thinking** - The competition was designed to push students beyond textbook knowledge and encourage them to think logically and analytically while solving real-time problems.
- **To Provide Hands-On Coding Experience-** One of the main goals was to give students a chance to apply what they've learned in class to actual coding tasks, helping bridge the gap between theory and practice.
- **To Build a Competitive Yet Supportive Environment-** CODE CRAFT aimed to create a platform where students could challenge themselves and each other in a healthy and motivating environment.
- **To Develop Time Management and Accuracy-** By working under time constraints, students learned how to manage pressure, focus on accuracy, and improve their problem-solving speed.
- **To Boost Confidence in Technical Skills-** The event gave students the opportunity to showcase their abilities and gain confidence in their programming skills, especially in front of their peers and faculty.
- **To Spark Interest in Competitive Programming and Tech Events-** Another key objective was to introduce students to the world of competitive programming and inspire them to participate in more such events in the future.
- **To Identify Students with Strong Technical Potential** - The competition served as a tool for faculty members to observe and identify students who show promise in technical areas, coding competitions, or future tech careers.

- **To Foster a Culture of Continuous Learning** - Through this event, students were encouraged to keep practicing and improving even after the competition, promoting a habit of self-driven learning.

INTRODUCTION:

To strengthen the technical foundation of students and encourage real-time application of classroom knowledge, the Department of Computer Applications (DCA) at GNIOT, in collaboration with the Uprise Club, organized an intellectually stimulating competition titled "CODE CRAFT – A Coding Competition" on 26th May 2025. The event was curated exclusively for MCA 1st Year students with the objective of fostering an environment where budding programmers could challenge themselves, engage in creative problem-solving, and enhance their coding proficiency in a competitive yet supportive atmosphere.

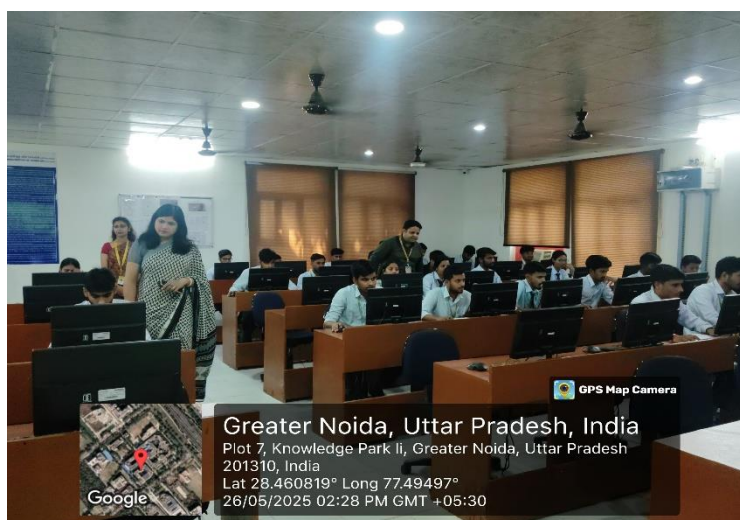
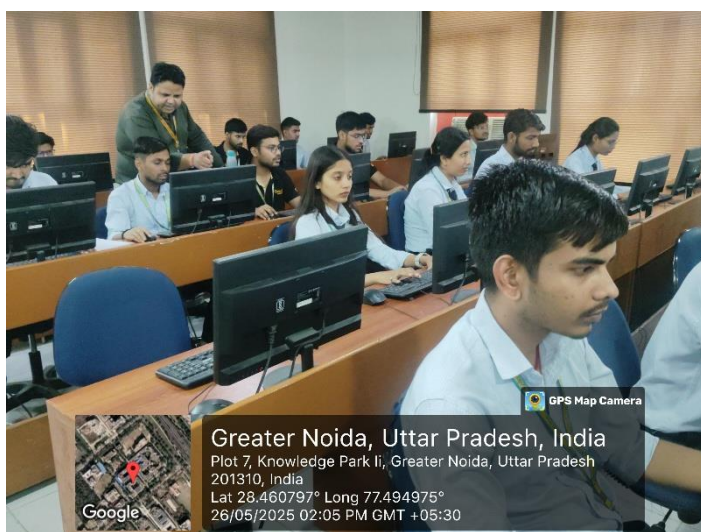
In today's fast-evolving digital landscape, the ability to write efficient and logical code is a fundamental skill for aspiring tech professionals. CODE CRAFT served as a powerful platform for students to test and showcase their programming skills, explore real-time problem-solving, and gain confidence in handling time-bound technical challenges. Participants were exposed to a variety of coding tasks that reflected real-world complexities, encouraging them to think critically, collaborate with peers, and apply strategic approaches under pressure.

Recognizing the importance of bridging theoretical concepts with hands-on experience, this competition was more than just an academic exercise—it was a step toward preparing students for industry expectations and future career pursuits. Through active participation, students developed a deeper understanding of core programming principles, strengthened their logical reasoning, and cultivated the essential skills needed in the world of competitive coding. CODE CRAFT reaffirmed the department's commitment to fostering technical excellence, innovation, and continuous learning among its students. Overall 53 MCA 1st Year students had registered for this coding competition and in the first round only 14 had been shortlisted. Among these 14 students, only 5 had won. The list as below:

Winners:

Name of Student	Prize	Class
Abhishek Prasad	1 st Prize	MCA – 1 st Year
Ayush Kumar	2 nd Prize	MCA – 1 st Year
Vikas Chaurasia	3 rd Prize	MCA – 1 st Year
Ramdeep Kesharwani	Consolation Prize	MCA – 1 st Year
Aman Maurya	Consolation Prize	MCA – 1 st Year

Event Photographs:





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Greater Noida, Uttar Pradesh, India

Boys Hostel, Gniot Group Of Institutions, Near As, Knowledge Park II, Greater Noida, Uttar Pradesh 201310, India

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(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)

Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh-201310

0120-2328214/15/16 | 1800 274 6969

director@gniot.net.in

www.gniot.net.in



Summary:

The **coding competition "CODE CRAFT"** offered MCA 1st Semester students a dynamic platform to test their programming skills, apply logical reasoning, and engage in real-time problem-solving. Organized by the **Department of Computer Applications** in collaboration with the **Uprise Club**, the event encouraged students to move beyond textbook learning and experience the intensity of time-bound coding challenges in a competitive environment.

The competition focused on bridging foundational programming knowledge with practical application, promoting critical thinking, technical confidence, and collaborative learning. Through structured problem statements and coding tasks, students explored algorithmic thinking, improved their accuracy under pressure, and gained a deeper understanding of the demands of competitive coding. The event served as a valuable exercise in technical self-assessment and skill enhancement.

Additionally, the competition recognized the outstanding performance of several students who demonstrated exceptional coding ability, strategic thinking, and attention to detail. Their achievements highlighted the potential of experiential learning and reinforced the role of such competitions in shaping future-ready professionals.

Overall, **CODE CRAFT** reaffirmed the institution's commitment to nurturing technical excellence, innovation, and continuous learning through real-world exposure and co-curricular engagement.

Outcomes of the Event:

- **Experiential Learning & Practical Exposure** – CODE CRAFT provided students with a hands-on opportunity to apply their programming knowledge in a real-time competitive environment, enhancing their understanding of core coding concepts and logical problem-solving under pressure.

- **Core Skill Development** – The competition focused on vital programming skills such as algorithmic thinking, time management, debugging, and accuracy, enabling students to strengthen their technical foundation and improve performance in practical scenarios.
- **Student Engagement & Active Participation** – The event encouraged enthusiastic participation and created an environment for peer learning, healthy competition, and collaborative problem-solving, motivating students to reflect on their learning and challenge their own limits.
- **Impact on Academic & Career Preparedness** – By simulating real-world technical challenges, the competition helped bridge the gap between theoretical learning and practical application, preparing students for future opportunities such as hackathons, interviews, and industry coding standards.
- **Commitment to Technical Growth & Innovation** – CODE CRAFT reinforced the institution's emphasis on continuous skill development, critical thinking, and fostering innovation among students—paving the way for lifelong learning and success in the ever-evolving tech landscape.