



Event report: Computer Science Day Celebration

Date: 14th August 2025

Venue: Kalpana Chawla Space Academy (KCSA)

The Kalpana Chawla Space Academy (KCSA), a pioneering institute for space and science education, celebrated **Computer Science Day** on **14th August 2025**. The event aimed to highlight the **significance of computer science in the modern digital era**, showcase recent advancements in **cyber security and robotics**, and engage students in **interactive learning experiences**. Mr. Rahul was the anchor of the special day celebration.

This year's celebration was marked by collaboration with **Children's Future India (CFI)**, **Director, Mrs. Akshata Sawant** and a team of six teachers participated, adding diversity and vibrancy to the event.

The formal inauguration was conducted by **Dr. Pushpendu Rakshit**, Program Director, KCSA. He emphasized the **role of computer science as a backbone of innovation**, particularly in areas such as space exploration, artificial intelligence, and communication technologies.

Session on Cyber Security (11:45 AM – 12:30 PM)

Dr. Rakshit delivered an engaging lecture on **Cyber Security**. His talk highlighted:

- Common cyber threats faced by individuals and organizations.
- Best practices for **safe internet usage**.
- The growing need for **cyber security professionals** in India.
- Case studies of recent cyberattacks and lessons learned.
- Cyber law and its implementations
- Do's and Don'ts on internet and social media

This session helped students understand the importance of protecting personal data and maintaining digital responsibility.

Session on Robotics in Modern India (12:30 PM – 1:30 PM)

The guest lecture was delivered by **Ms. Revati Phanse**, a specialist in Robotics and Automation. Her session focused on:

- Evolution of robotics in India.
- Applications of robotics in **healthcare, manufacturing, agriculture, and defense**.
- Integration of **Artificial Intelligence with robotics**.
- Opportunities for students in **robotics research and industry**.

Students actively interacted with Ms. Phanse, raising questions about career opportunities and challenges in this emerging field.

Lunch Break (1:00 PM – 2:00 PM)

Hospitality arrangements were smoothly handled by **Mr. Zafar** (arrangement) and **Ms. Anandita** (serving). A nutritious lunch was served, providing participants an opportunity to interact informally and exchange ideas. Ms. Akansha collected the feedback form.

Guided Exhibition Tour (2:00 PM – 3:00 PM)

Participants were guided by **Mr. Chinmay** and **Mr. Pramod** through the **Exhibition Hall**, which displayed innovative student projects and models on computer science applications. Exhibits included:

- Simple robotic prototypes.
- AI-driven models.
- Posters on Cyber Security awareness.
- Demonstrations of coding-based projects.

Science Activity Session (3:00 PM – 3:30 PM)

Iqbal Sir conducted interactive **science activities** that involved hands-on experiments on Rotameter. The session encouraged students to think critically and explore problem-solving approaches.

Conclusion

The **Computer Science Day Celebration 2025** at KCSA was a **grand success**, fulfilling its objectives of educating, inspiring, and engaging students in the vast field of computer science. The presence of **Children's Future India** enriched the event, creating opportunities for future partnerships.

The dedication of the organizing team, the insightful lectures by experts, and the active participation of students made the event both **informative and memorable**.











