BCA and MCA Students of Aggarwal College Visit ABB India Limited for an Industrial Visit

Ballabgarh, October 12, 2026: The Department of Computer Science at Aggarwal College, Ballabgarh, organized an industrial visit to ABB India Limited, Faridabad, for BCA and MCA students. A total of 51 students participated in the visit. The primary objective was to familiarize students with the practical aspects of industrial robotics, automation, and modern manufacturing technologies.

The programme was organized under the guidance of Shri Devender Kumar Gupta, Chairman of Aggarwal Vidya Pracharini Sabha and President of the College Governing Body; Shri Dinesh Kumar Gupta, Hon'ble General Secretary; Dr. C. S. Vashisht, Officiating Principal; and Ms. Divya Verma, Administrator.

During the visit, ABB experts provided detailed insights into the functioning of modern industrial machinery and robotic arms. They explained how robotic systems are controlled using computer programming, coding, sensors, and software. These technologies are widely used in various industrial operations, including welding, painting, assembly, and material handling. **Dr. Sachin Garg, Head of the Department of Computer Science, and Ms. Poonam Sharma** accompanied the students throughout the industrial visit. They guided the students and helped them understand the practical applications of industrial robotics, automation, and modern technologies.

Dr. Akash Singh Babu introduced ABB and highlighted the company's major business areas, particularly robotics and discrete automation. He also explained the working principles of induction motors, IP66 and IP69 protection ratings, motor efficiency, and Indian standards related to industrial motors. Mr. Mohammad Zahin provided detailed information about the safety regulations followed in manufacturing plants, emergency procedures, and automation safety systems. He also emphasized the importance of safety, alertness, and precautionary measures in industrial environments.

Mr. Nishant, HR Operations Specialist at ABB, played a significant role in organizing the industrial visit, with valuable support from Mr. Satbir Yadav, Branch Manager.

The industrial visit proved to be highly informative and beneficial for the BCA and MCA students. It provided them with an opportunity to connect their theoretical knowledge with real-world industrial practices and understand the practical applications of computer science, robotics, and industrial automation. The students also gained valuable insights into modern industrial technologies and the employment and career opportunities available in these fields.

Overall, the visit was an important initiative towards strengthening the students' technical knowledge, practical understanding, and professional preparedness for future career opportunities.