Industrial Visit Report Capgemini, Navi Mumbai

Department of Information Technology of APSIT has organised an industrial visit to Capgemini on March 6th , 2023 in collaboration with CSI-APSIT. Collectively 48 Students form both the department and 2 faculty members visited the industry. Capgemini is a global consulting, technology, and outsourcing company headquartered in Paris, France. The company has a strong presence in over 50 countries and employs around 270,000 people worldwide. The session was lead by Sr. Project Manager Mr. Debargu, ETAP Team Sr. Analyst Ms. Debsmita Jena and Ms. Smita Pawar. The visit started with a very interactive talk with host and he briefed about various initiatives company is taking in different areas with Government.

Session started with Mr. Debargu Project Manager of ETAP team. Mr Debargu briefed about ETAP Vision Mission and Research Project for betterment of Society. Team's moto was to develop sustainable technology for human being and to improve team's efficiency by developing some common framework / application. Team has undertaken many projects along with Government of India and State Government. One of Project "Matrr- Project for Pregnant women in India" briefed by Mr. Debargu where their team is working for reducing mortality rate of pregnant women in rural area. Another one project mentioned was the "YuWaah" platform. Speaker discussed the need to invest in young people in India, who make up the largest population of young people in the world. YuWaah is a UNICEF-initiated global platform that aims to prepare young people to transition from education to work and active citizenship. Second session was demonstration of various professional project executed by Team on areas like Renewable Energy, IoT, Software Product using cutting edge technology viz. AI and ML. Lastly, they demonstrated how they make the process of coding and testing smarter and faster using tools like SonarQube, SonarLint, Ponicode, Selenium, IntelliCode, etc. SonarQube is a tool that helps to manage code quality and ensure its maintainability by analyzing code for bugs, vulnerabilities, and technical debt. SonarLint is a plugin for integrated development environments that provides real-time feedback on code quality issues and suggests improvements based on best practices. Ponicode is an AI-powered code testing and quality assurance solution that provides automatic generation of unit tests and code completion suggestions. Selenium is a web application testing framework that allows users to automate browser interactions for testing purposes. IntelliCode is an AI-powered extension for Visual Studio that provides intelligent code completion suggestions based on best practices and patterns learned from millions of codebases. To keep environment motivated and encourage team, floor was decorated with an immersive images of space.

After Project demonstration a campus tour was organized to showcase the different initiative Capgemini take to facilitate their employee's physical and mental wellbeing. State of art facilities like Sports area for basketball, Box cricket, and Tennis were provided. Also Capgemini is very careful about what it is returning to mother nature back, Capgemini has initiated and set up of Solar farm generating 10.36 MW power as electricity employing over 10000 solar panels making campus self-sufficient in terms of energy. Company undertakes many CSR activities under which various drives like beach cleaning, health awareness etc.

Overall, the visit to the Capgemini was an enriching experience for students and they gained valuable insights into the operations of a leading tech giant in IT industry.