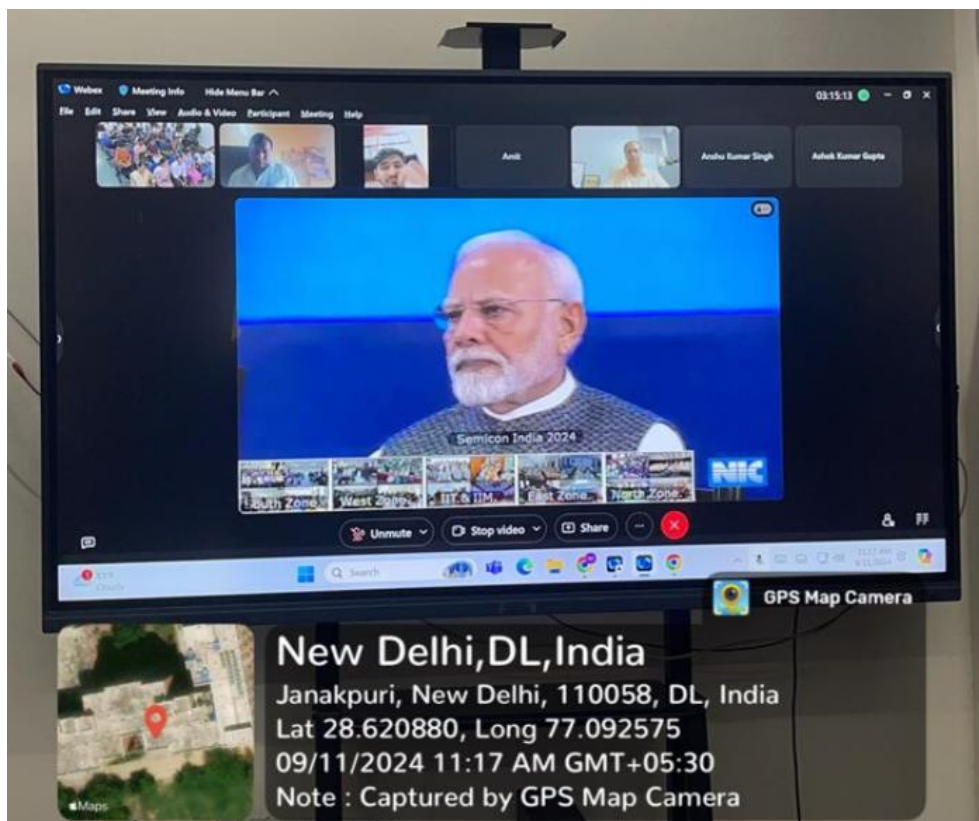


## Department of Electronics and Communication Engineering

### Report of Seminar on “SEMICON India”

ECE Department, MSIT organized a Seminar on “SEMICON India” on September 11, 2024 at 11 am. Semicon India 2024 was a three-day conference and exhibition that aims to establish India as a global semiconductor hub. The session was attended by Prof. Archana Balyan, Director, MSIT, Prof. Neeru Rathee, HOD, ECE, Prof. Puneet Azad, HODs of all departments, faculty members of ECE Department and students of B.Tech ECE (4<sup>th</sup> and 6<sup>th</sup> Sem). The conference showcased India's semiconductor strategy and policy, and brought together global leaders, companies, and experts from the semiconductor industry. A live videoconferencing was organised for students of all branches showcasing the speech of Prime Minister Modi from India Expo Mart in Uttar Pradesh's Greater Noida. India semiconductor industry growth is propelled by the exploding demand for smartphone, automotive, and data storage innovations. To help drive continuing technology advances and meet domestic demand, the India Semiconductor Mission, an initiative of the Ministry of Electronics and Information Technology, attracted industry giants including AMD, Applied Materials, and Micron Technology to invest in its chip sector.



PM Modi said that the diodes in India's semiconductor industry are special, referring to the ease of doing business and stable policies provided by the government for companies looking to invest here. As per him, we are creating a semiconductor workforce of 85,000 engineers, technicians and R&D experts. The focus is lot on the semiconductor infrastructure," said PM

Modi highlighting the focus of the government on growing the sector. PM Modi highlighted the 3-D power that the semiconductor industry in the country has and said, "The reformist government, growing manufacturing base, India's aspirational market." He further said that the chips are not just a form of technology but a medium of fulfill the aspirations of millions through it. "The semiconductor chips are crucial as they are the base of India's Digital Public Infrastructure (DPI) which was not affected during Covid-19 when banking systems of many countries failed to deliver," said PM Modi. The event was organised by SEMI, the leading microelectronics industry association with Ministry of Electronics and Information Technology.



The Indian semiconductor market, currently valued at about \$23.2 billion, is projected to reach \$80.3 billion by 2028, with a compound annual growth rate (CAGR) of 17.10%,

according to a report from Invest India. The session was concluded with a vote of thanks from Prof. Puneet Azad, coordinator of this seminar.