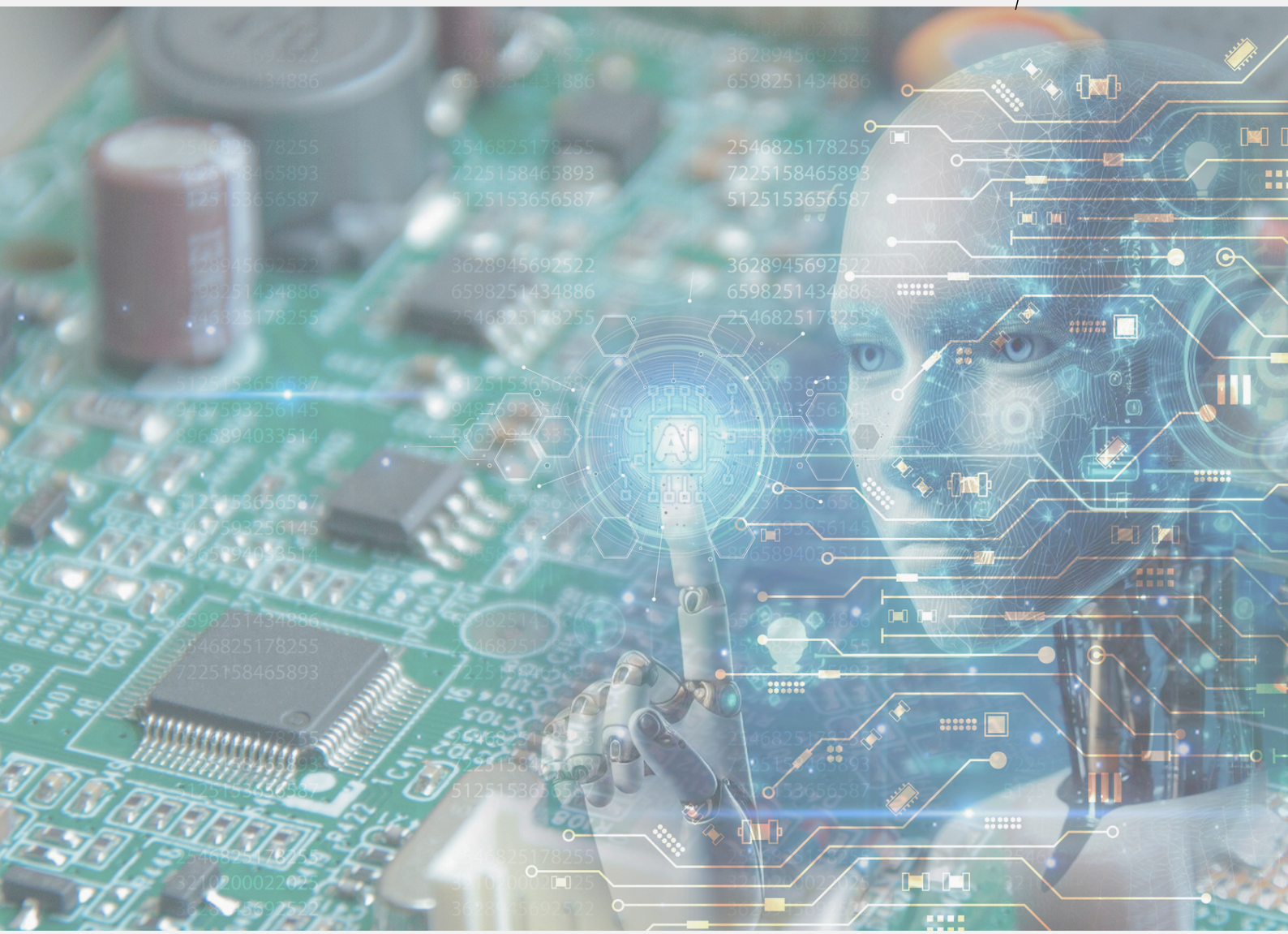
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School of Electrical Engineering
College of Engineering, UiTM Shah Alam

INDUSTRIAL INSIGHTS

Electronics Industry: Collaboration with Malaysia's Semiconductor Industry

19th August 2024

In a significant effort to foster collaboration with Malaysia's semiconductor industry, a group of six students from PKE, accompanied by one lecturer visited the Selangor IC Design Park launching ceremony on 6th August 2024. The launch was officiated by Malaysia's Minister of Economic Affairs, Rafizi Ramli, aiming to boost the integrated circuit (IC) design sector in Malaysia. The Selangor IC Design Park is designed to house more than 400 IC design engineers from five local, international, and joint venture IC design companies.

The park's anchor tenants include Maistorage, Skyechip, Weeroc, AppAsia ChipsBank, and SensoremTek Sdn Bhd. These companies are supported by a robust ecosystem of partners such as BlueChip VC, ARM Holdings, Cadence Design System, Synopsys, Siemens EDA, Keysight, and the Shenzhen Semiconductor Association. During the visit, the group from PKE was given an extensive tour of the park, which will become the largest IC design hub in Southeast Asia. The park is recognized for its state-of-the-art facilities and its focus on nurturing innovation and technological advancements. The companies are actively recruiting skilled candidates with degrees in electrical and electronics engineering, offering highly competitive salaries. Entry-level positions at the park start between RM5,000 and RM6,000 for fresh graduates, while individuals with a master's degree or extensive industry experience can earn up to RM7,000.

The presence of the lecturer and students underscores the importance of educational partnerships in advancing the IC design industry. This visit provided students with valuable exposure to industry practices and highlighted the role of academic institutions in supporting Malaysia's vision of becoming a leading hub for semiconductor technology.









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