Report of

Technical Talk on Digital Twin on 4th of Dec, 2021

Organized by

IEEE Student Branch, KSSEM

In association with IEEE Bangalore section

KSSEM

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Event Name: Technical talk on Digital Twin
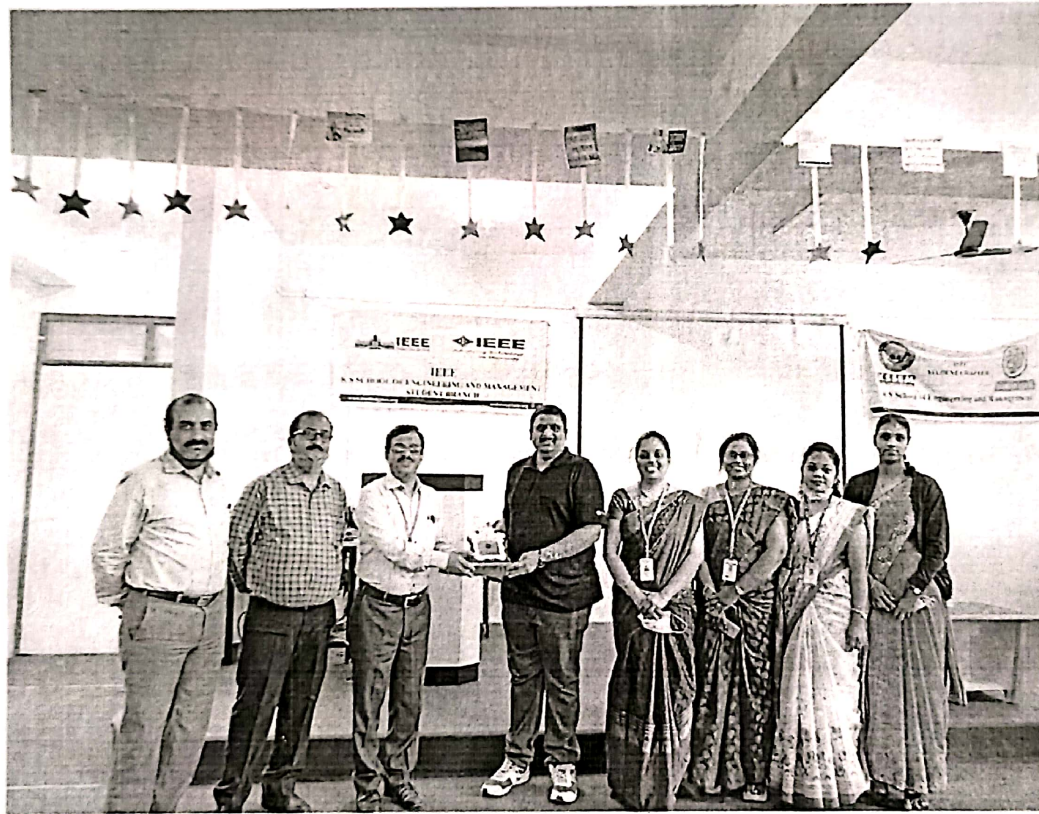
Speaker: Mr. Varun Balachandra, Bosch

Date of event: 4th December 2021

No of participants: 100

Targeted audience: Students of ECE and EEE departments

The technical talk on Digital Twin was arranged on 4th December 2021 on behalf of IEEE KSSEM SB, in association with IEEE Bangalore Section. Digital Twin is a virtual representation that serves as the real time digital counterpart of a physical object or process. The speaker Mr. Varun Balchandra explained that digital twin provides a concept where digital representations of physical objects have been used for decades.

In the IoT, a digital twin can provide a holistic view of most – if not all – capabilities an asset has. This implies that it helps to orchestrate different aspects of an IoT device. By providing a unified model and API, the digital twin makes working with IoT assets very easy. A digital twin is the representation of the thing itself and the contact point to access and work with different capabilities and features of that thing.

Signature of the HOD

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