

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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CASE STUDY OF SAN APPLICATIONS Report ON

“Cisco Migrated to a SAN Environment in Small European Data Center”

**Submitted in the partial fulfillment of the requirements for the award of the degree
of**

Bachelor Of Engineering

In

Computer Science and Engineering

Submitted by

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JSS Academy Of Technical Education, Bengaluru

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CERTIFICATE

This is to certify that the technical seminar work entitled **Cisco Migrated to a SAN Environment in Small European Data Center** has successfully carried out by **Mr. Prithviraj Patil (1JS19CS125), Kiran A (1JS19CS076), Mudasir Ahamed (1JS19CS091)** in partial fulfilment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Name of the examiners

1.

Signature with Date

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ABSTRACT

Digital Twin technology is an emerging concept that has become the centre of attention for industry and, in more recent years, academia. The advancements in industry 4.0 concepts have facilitated its growth, particularly in the manufacturing industry. The Digital Twin is defined extensively but is best described as the effortless integration of data between a physical and virtual machine in either direction. The challenges, applications, and enabling technologies for Artificial Intelligence, Internet of Things (IoT) and Digital Twins are presented. A review of publications relating to Digital Twins is performed, producing a categorical review of recent papers. The review has categorised them by research areas: manufacturing, healthcare and smart cities, discussing a range of papers that reflect these areas and the current state of research. The paper provides an assessment of the enabling technologies, challenges and open research for Digital Twins.