



ScienceDirect

Digital Twin for Smart Manufacturing

2023, Pages 267-289

Chapter 14 - Digital twins and cyber-physical system architecture for smart factory

A. Kodieswari¹, K.R. Sabarmathi², A. Kavitha³, N.R. Gayathiri⁴

- ¹ Department of Information Technology, Bannari Amman Institute of Technology, Erode, Tamil Nadu, India
- ² Bannari Amman Institute of Technology, Erode, Tamil Nadu, India
- ³ Dr. N.G.P. Institute of Technology, Coimbatore, Tamil Nadu, India
- ⁴ Department of Artificial Intelligence and Data Science, Bannari Amman Institute of Technology, Erode, Tamil Nadu, India

Available online 1 September 2023, Version of Record 1 September 2023.

What do these dates mean?

Show less ^

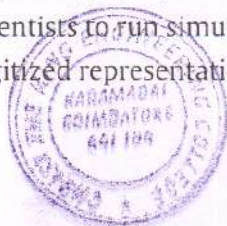
Outline | Share Cite

<https://doi.org/10.1016/B978-0-323-99205-3.00001-8>

[Get rights and content](#)

Abstract

Digital twin (DT) mimic the physical devices that support IT professionals and data scientists to run simulations of the mockups before it is built and deployed. DT is a digitized representation of a physical entity. It is like a computer code that accepts the



[Signature]
Dr.M.JEYAKUMAR, M.E.,P.
 PRINCIPAL
 CHRIST THE KING ENGINEERING COLLEGE
 Chikkarampalayam Village
 Karamadai, Mettupalayam Taluk,
 Coimbatore - 641 104.