

Edge Computing Technology Enablers: A Systematic Lecture Study

ABSTRACT

Increasing QoS constraints like latency, bandwidth, and jitter, along with the growing number of IoT devices, are causing significant core network congestion. Edge Computing (EC) reduces network congestion and latency by processing and caching data at the network's edge. Exploring EC from foundational concepts to its evolution from CDNs to Multi-Access Edge Computing, covering key aspects such as resource management, computation offloading, data management, and enabling technologies like Edge Intelligence, 5G and Containerization. Also discussing Edge Computing use cases, including smart cities, e-Health, and military applications, and future considerations regarding green energy and standardization.

Guided By
Mrs. Remya R S
HOD
Dept of CSE

Presented By
Abhiragh A R
MCC21CS005
S7 CSE