



Anjuman-i-Islam's

M. H. Saboo Siddik College of Engineering

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai - 8

Department of Computer Science and Engineering (IOTCSBC)

2025 - 2026

Name: _____ Roll No: _____

Lab Name: Edge and Fog Computing Lab

Course Code: IoTCSBCL702

Sem: VIIth

Class: B.E

Exp No.	Name of Experiment	DOP	DOS	Marks	Sign
1	Study of various development boards and platform for IOT				
2	Create and deploy virtual servers on AWS				
3	Study assignment on edge and fog simulators				
4	Design and deploy fog computing architecture using simulator such as iFogSim.				
5	Cloud based temperature and humidity monitoring app.				
6	Conduct a Case study of healthcare in IoT using iFogSim.				
7	Develop and evaluate edge-based data analytics algorithms in an edge simulator.				
8	To implement virtual private cloud (VPC) on AWS for IoT services.				
9	Design and deploy an edge computing architecture using edge simulators such as EdgeCloudSim.				
10	Case study on smart City.				
Average:					



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Sr No	Assignment	DOS	Marks	Sign
1				
2				

Sr No	Internal Assessment Examination	Date of Exam	Marks	Average	Sign
1	IAE I				
2	IAE II				

	Total	Obtained
Average Marks Obtained in Experiment	15	
Average Marks Obtained in Assignment	05	
Overall Attendance in the Subject	05	
Total Marks out of	25	

Faculty Signature:

Date: