

**MES'S WADIA COLLEGE OF ENGINEERING, PUNE - 01**

<b>SUBJECT: LABORATORY PRACTICE II (CLOUD COMPUTING)</b>	
<b>NAME:</b>	
<b>CLASS:</b>	<b>ROLL NO.:</b>
<b>SEMESTER: SEM-II</b>	<b>YEAR: 2023-24</b>
<b>DATE OF PERFORMANCE:</b>	<b>DATE OF SUBMISSION:</b>
<b>EXAMINED:</b>	

**Assignment No-05**

**Title:-** Setup your own cloud for Software as a Service (SaaS) over the existing LAN in your laboratory. In this assignment you have to write your own code for cloud controller using opensource technologies to implement with HDFS. Implement the basic operations may be like to divide the file in segments/blocks and upload/ download file on/from cloud in encrypted form.

**Instructions:-** Add the following in the mini project report:

1. Problem Statement
2. Architecture / System Block Diagram with explanation
3. Hardware and Software and cloud technology used
4. Conclusion