

**Godavari Foundation's**  
**Godavari College Of Engineering, Jalgaon**  
**Department Of Computer**  
**Semester I**  
**Year 2020-21**

**Class :-** T.Y. B.Tech

**Subject Teacher :-** Mrs. Madhuri Zawar

**List Of Database System Laboratory Practicals**

<b>Sr. No.</b>	<b>Title/ Aim</b>	<b>Title and Aim of Practical</b>
<b>1</b>	<b>Title</b>	Defining schema for applications.
	<b>Aim</b>	Defining schema for applications such as Hospital Management System, Library Management System, Railway Reservation System, Banking System
<b>2</b>	<b>Title</b>	Creating tables, Renaming tables, Data constraints, Data insertion into a table.
	<b>Aim</b>	MYSQL Command to create table, rename table, Data constraints like (Primary key, Foreign key, Not Null), insert data into table.
<b>3</b>	<b>Title</b>	Grouping data, aggregate functions, Oracle functions (mathematical, character functions).
	<b>Aim</b>	MYSQL command for Group By Clause, Statistical Built in Aggregate Functions and String Functions
<b>4</b>	<b>Title</b>	Sub-queries, Set operations, Joins.
	<b>Aim</b>	MYSQL Commands for sub-queries, set Operations(UNION, UNION ALL, INTERSECT, MINUS) and Joins(Inner Join, Outer Join, Equi Join, Cross Join)
<b>5</b>	<b>Title</b>	Creation of databases, writing SQL and PL/SQL queries to retrieve information from the databases.
	<b>Aim</b>	Database Connectivity using HTML, PHP, MYSQL, APACHE2
<b>6</b>	<b>Title</b>	Assignment on Triggers & Cursors.
	<b>Aim</b>	Program for Triggers and Cursors.
<b>7</b>	<b>Title</b>	Normal Forms: First, Second, Third and Boyce Codd Normal Forms.
	<b>Aim</b>	Designing Normal Forms: First, Second, Third and Boyce Codd Normal Forms.
<b>8</b>	<b>Title</b>	Assignment in Design and Implementation of Database systems or packages for applications such as office automation, hotel management, hospital management.
	<b>Aim</b>	Design and Implementation of Database systems or packages for hospital management.
<b>9</b>	<b>Title</b>	Deployment of Forms, Reports Normalization, Query Processing Algorithms in the above application project.
	<b>Aim</b>	Deploying web page on Red Hat JBoss EAP Server 7.0
<b>10</b>	<b>Title</b>	Large objects – CLOB, NCLOB, BLOB and BFILE.
	<b>Aim</b>	Create CLOB, NCLOB, BLOB, BFILE Datatype in a table
<b>11</b>	<b>Title</b>	Distributed data base Management, creating web-page interfaces for database applications using servlet.
	<b>Aim</b>	Create web-pages in HTML and insert record in MYSQL database using servlet. Execute it on Red Hat JBoss EAP Server 7.0