Yashoda Shikshan Prasarak Mandal's
# Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra
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**Faculty of Polytechnic**

## DEPARTMENT OF COMPUTER ENGINEERING

**Class: SY**

**Sem: Odd**

**Academic Year: 2024-25**

**Subject: Database Management System (313302)**

## Program Outcome:

PO1: Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

PO2: Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

PO3: Design/ development of solutions : Design solutions for well-defined technical problems and assist with the design of systems

PO4: Engineering Tools, Experimentation and Testing:Apply modern engineering tools and appropriate technique to conduct

PO5: Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices

PO6: Project Management: Use engineering management principles individually, as a team member or a leader to manage projects

PO7: Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

## Program Spaecific Outcomes:

To be able to give solution in networking, OOP, web development, cloud, IOT on real life application using open source

To be able to acquaint with modern trends in industry/research giving novel solution to existing social problems

## Course Outcome:

| | |
|---|---|
| CO313302_a | Explain concept of database management system. |
| CO313302_b | Design the database for given problem. |
| CO313302_c | Manage database using SQL. |
| CO313302_d | Implement PL/SQL codes for given application. |
| CO313302_e | Apply security and backup methods on database. |

## CO-PO Mapping:

| Course Outcome | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 |
|---|---|---|---|---|---|---|---|---|---|
| CO313302_a | 3 | - | - | - | 1 | - | 1 | 1 | 2 |
| CO313302_b | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 2 |
| CO313302_c | 1 | 2 | 2 | 2 | - | 2 | 1 | 1 | 2 |
| CO313302_d | 1 | 3 | 3 | 2 | 1 | 3 | 2 | 1 | 2 |
| CO313302_e | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 |
| Average of PO | 1.60 | 2.00 | 2.50 | 2.00 | 1.25 | 2.25 | 1.20 | 1.00 | 2.00 |
| Average of PO Mapping in % | 53.33 | 66.67 | 83.33 | 66.67 | 41.67 | 75.00 | 40.00 | 33.33 | 66.67 |

G.S.Sutar

**Course Coordinator**

**Academic Coordinator**

**HOD**