



# **COURSE FILE**

**ON**

## **Database Management Systems Lab**

**Course Code – CS407PC**

**II B.Tech II-SEMESTER**

**A.Y.: 2022-2023**

**Prepared by**

**Mrs.D.Rajeshwari**  
**Assistant Professor**

*B. Raghav Kaul*  
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**PRINCIPAL**  
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Sheriguda(VIII), Ibrahimpatnam  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<b>Academic Year</b>	2022-2023
<b>Course Title</b>	DATABASE MANAGEMENT SYSTEMS LAB
<b>Course Code</b>	CS407PC
<b>Room No</b>	A-107
<b>Name of the lab Incharge</b>	Mr.P.Govardhan Rao
<b>Name of the faculty Incharge</b>	Mrs.D.Rajeshwari, Assistant Professor

### Index of Course File

S. No.	Name of the content
1	Institute vision and mission
2	Department vision and mission /PEO
3	POs /PSOs
4	Course Syllabus with Structure
5	Course Outcomes (CO)
6	Mapping CO with PO/PSO.
7	List of experiments and their CO, PO mapping
8	Time table
9	Model Practical End examination questions
10	Schedule of end practical examinations
11	List of examiners
12	Lab occupancy chart
13	Dos and Don'ts
14	Physical lab floor plan with area in Sq.m
15	Lab manual
16	CO, PO Attainments



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INSTITUTE VISION AND MISSION

#### Vision:

To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

#### Mission:

**IM1:** To offer outcome-based education and enhancement of technical and practical skills.

**IM2:** To continuous assess of teaching-learning process through institute-industry collaboration..

**IM3:** To be a centre of excellence for innovative and emerging fields in technology development with state-of-art facilities to faculty and students fraternity.

**IM4:** To create an enterprising environment to ensure culture, ethics and social responsibility among the stakeholders

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### DEPARTMENT VISION AND MISSION

#### Vision:

To become a prominent knowledge hub for learners, strive for educational excellence with innovative and industrial techniques so as to meet the global needs.

#### Mission:

- DM1 :** To provide ambience that enhances innovations, problem solving skills, leadership qualities, decision making, team-spirit and ethical responsibilities.
- DM2 :** To impart quality education with professional and personal ethics, so as to meet the challenging technological needs of the industry and society.
- DM3 :** To provide academic infrastructure and develop linkage with the world class organizations to strengthen industry-academia relationships for learners.
- DM4 :** To provide and strengthen new concepts of research in the thrust area of Computer Science and Engineering to reach the needs of Government and Society.

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### PROGRAM EDUCATIONAL OBJECTIVES

- PEO1:** To develop trained graduates with strong academic and technical skills of modern computer science and engineering.
- PEO2:** To promote trained graduates with leadership qualities and the ability to solve real time problems using current techniques and tools in interdisciplinary environment.
- PEO3:** To motivate the graduates towards lifelong learning through continuing education and professional development.

### PROGRAM SPECIFIC OUTCOMES

- PSO1 : Professional Skills:** To implement computer programs of varying complexity in the areas related to Web Design, Cloud Computing, Network Security and Artificial Intelligence.
- PSO2: Problem-Solving Skills:** To develop quality products using open ended programming environment.

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## PROGRAMME OUTCOMES (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

**COURSE STRUCTURE**  
**II YEAR SYLLABUS (R18 Regulations)**

Applicable from Academic Year: 2022-23 Batch

**II YEAR I SEMESTER**

S.No.	Course Code	Course Title	L	T	P	Credits
1	CS301ES	Analog and Digital Electronics	3	0	0	3
2	CS302PC	Data Structures	3	1	0	4
3	MA303BS	Computer Oriented Statistical Methods	3	1	0	4
4	CS304PC	Computer Organization and Architecture	3	0	0	3
5	CS305PC	Object Oriented Programming using C++	2	0	0	2
6	CS306ES	Analog and Digital Electronics Lab	0	0	2	1
7	CS307PC	Data Structures Lab	0	0	3	1.5
8	CS308PC	IT Workshop Lab	0	0	3	1.5
9	CS309PC	C++Programming Lab	0	0	2	1
10	*MC309	Gender Sensitization Lab	0	0	2	0
		<b>Total Credits</b>	<b>14</b>	<b>2</b>	<b>12</b>	<b>21</b>

**II YEAR II SEMESTER**

S.No.	Course Code	Course Title	L	T	P	Credits
1	CS401PC	Discrete Mathematics	3	0	0	3
2	SM402MS	Business Economics & Financial Analysis	3	0	0	3
3	CS403PC	Operating Systems	3	0	0	3
4	CS404PC	Database Management Systems	3	1	0	4
5	CS405PC	Java Programming	3	1	0	4
6	CS406PC	Operating Systems Lab	0	0	3	1.5
7	CS407PC	Database Management Systems Lab	0	0	3	1.5
8	CS408PC	Java Programming Lab	0	0	2	1
9	*MC409	Constitution of India	3	0	0	0
		<b>Total Credits</b>	<b>18</b>	<b>2</b>	<b>8</b>	<b>21</b>



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<https://siiet.ac.in/>

## DATABASE MANAGEMENT SYSTEMS LABORATORY

(Course Code: CS407PC)

B.Tech. II Year I Sem.

L T P C  
0 0 3 1.5

### Co-requisites:

- Co-requisite of course “Database Management Systems”

### Course Objectives:

- Introduce ER data model, database design and normalization
- Learn SQL basics for data definition and data manipulation

### Course Outcomes:

- Design database schema for a given application and apply normalization
- Acquire skills in using SQL commands for data definition and data manipulation.
- Develop solutions for database applications using procedures, cursors and triggers

### List of Experiments:

1. Concept design with E-R Model
2. Relational Model
3. Normalization
4. Practicing DDL commands
5. Practicing DML commands
6. Querying(using ANY, ALL, IN, EXISTS, NOT EXISTS, UNION, INTERSECT, Constraint etc.)
7. Queries using Aggregate functions, GROUP BY, HAVING and Creation and dropping of Views.
8. Triggers(Creation of insert trigger, delete trigger ,update trigger)
9. Procedures
10. Usage of Cursors

## TEXTBOOKS:

1. Database Management Systems, RaghuramaKrishnan, JohannesGehrke, TataMcGrawHill, 3rd Edition
2. Database System Concepts ,Silberschatz, Korth, McGrawHill, Vedition.

## REFERENCESBOOKS:

1. Database Systems design, Implementation, and Management, Peter Rob&CarlosCoronel7th Edition.
2. Fundamentals of Database Systems, ElmasriNavrate, PearsonEducation
3. Introduction to Database Systems ,C.J.Date, PearsonEducation
4. Oracle for Professionals, TheXTeam, S.ShahandV.Shah, SPD.
5. Database Systems Using Oracle: A Simplified guide to SQL and PL/SQL, Shah, PHI.
6. Fundamentals of Database Management Systems, M.L. Gillenson, Wiley Student Edition.





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 501 510 Website: <https://siiet.ac.in/>

## COURSE OUTCOMES

**Course Name: Database Management System Lab (C227)**

At the End of the course, student will be able to

CO No	DESCRIPTION
C227.1	Identify and understand the underlying relational data model, entity-relationship model and relational database design (Knowledge)
C227.2	Develop and improve database design by normalization (Synthesis)
C227.3	Identify and understand the underlying concepts of database techniques and query a database using DML/DDL commands (Knowledge).
C227.4	Identify and understands the use of sql and learns sql syntax of set difference operators and joins (Knowledge).
C227.5	Write basic database query using Aggregate operators (Knowledge).
C227.6	Write basic database on Triggers and procedures, Cursors (Knowledge)

## COs and POs & PSOs Mapping

Course Outcome	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS 01	PS 02
C227.1	-	2	3	2	-	-	-	-	-	-	-	-	-	-
C227.2	-	2	3	3	-	-	-	-	-	-	-	-	-	-
C227.3	-	3	2	-	3	-	-	-	-	-	-	-	-	-
C227.4	3	-	-	-	-	-	-	-	-	-	-	2	-	-
C227.5	3	-	-	-	-	-	-	-	-	-	-	2	-	-
C227.6	3	-	-	-	3	-	-	-	-	-	-	-	-	-
<b>PO Avg</b>	3	2.3	2.6	2.5	3	-	-	-	-	-	-	2	-	-

3-High

2-Medium

1-Low



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## Database Management System LAB

### LIST OF EXPERIMENTS AND THEIR CO, PO MAPPING

S.No	Name of The Experiment	CO	PO
1	Concept design with E-R Model	1,	2,3,4
2	Relational Model	1	2,3,4
3	Normalization	2	2,3,4
4	Practicing DDL commands	3	2,3,5
5	Practicing DML commands	3	2,3,5
6	Querying(using ANY, ALL, IN, Exists, NOT EXISTS, UNION, INTERSECT, Constraint etc.)	4	1,12
7	Queries using Aggregate functions, GROUP BY, HAVING and Creation and dropping of Views.	5	1,12
8	Triggers(Creation of insert trigger, delete trigger ,update trigger)	6	1,5
9	Procedures	6	1,5
10	Usage of Cursors	6	1,5



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## TIME TABLE FOR A.Y 2022-23

Class: II-B. Tech CSE -A

Semester: II

LH. NO: A-301

W.E.F:1-05-2023

Period/ Day	1	2	3	4	1:00- 1:30	5	6	7
	9:40-10:30	10:30-11:20	11:20-12:10	12:10-1:00		1:30-2:20	2:20-3:10	3:10-4:00
Monday	DM	JAVALAB(BATCH-I)/ DBMS LAB(BATCH-II)			LUN CH	COI	JAVA	DBMS
Tuesday	OS	DBMS/JAVA(T)	LIB	DBMS		COI	CO-C/SS/DAA	
Wednesday	JAVA	OS	DBMS	BEFA		DBMS LAB(BATCH-I)/ OS LAB (BATCH-II)		
Thursday	DM	COUN	BEFA	DM		OS	DBMS	BEFA
Friday	COI	INT	OS	JAVA/DBMS(T)		JAVA	BEFA	SPORTS
Saturday	DBMS	DM	JAVA	OS		OS LAB (BATCH-I)/ JAVALAB(BATCH-II)		

SubjectCode	Subject Name	Name of the Faculty	Subject Code	Subject Name	Name of the Faculty
CS401PC	Discrete Mathematics	Dr.E.Naga Ratnam	CS405PC	Java Programming	Mrs B.S .Swapna Shanti
SM402MS	Business Economics & Financial Analysis	Mr.U P Bharadwaja	CS406PC	Operating Systems Lab	Mrs T.Ramya Priya/ Mrs P.Sowjanya/ Mr.Veera kishore K
CS403PC	Operating Systems	Mrs T.Ramya Priya	CS407PC Lab	Database Management Systems	Mrs D. Rajeswari/ V. Divya/ Mr A Vijay Kumar
CS404PC	Database Management Systems	Mrs D. Rajeswari	CS408PC	Java Programming Lab	Mrs B.S .Swapna Shanti/ Mrs.R.Padma/ Mrs R Ganga
	CO-C/SS/DAA	Mrs B.S .Swapna Shanti	MC409	Constitution of India	Mrs K Laxmi Shilpa
Sports	Sports	Mr.P Sreeramulu	LIB	Library	Mrs T.Ramya Priya
Internet	Internet	Mr D Nagaraju	COUN	Counselling	Mrs T.Ramya Priya
Class In-Charge : Mrs D. Rajeswari		Mentor 1 : Mrs D. Rajeswari		Mentor 2: Mrs B.S .Swapna Shanti	

*[Signature]*  
Class In-Charge

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## **Lab External Question paper**

Year & Semester: II-II

Branch: CSE

Subject Name: Database Management Systems Lab

Faculty Name: D.Rajeshwari

### **S. No.**

### **QUESTIONS**

1. Concept design with E-R Model
2. Relational Model
3. Normalization
4. Practicing DDL commands
5. Practicing DML commands
6. Querying (using ANY, ALL, IN, Exists, NOT EXISTS, UNION, INTERSECT, Constraint etc.)
7. Queries using Aggregate functions, GROUP BY, HAVING and Creation and dropping of Views.
8. Triggers (Creation of insert trigger, delete trigger, update trigger)
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## DBMS Lab External TimeTable Examination Branch

A.Y. : 2022-23

SEM-II

Date	Day	Branch	Session	HT.No	Total No. of Students
19/9/2023	MONDAY	CSE-A	FN	21X31A0501 TO 21X31A0565 & 22X35A0501 TO 21X35A0508	69
16/9/2023	FRIDAY	CSE-B	FN	21X31A0566 TO 21X31A05D0 & 22X35A0509 TO 22X35A0516	69
15/9/2023	MONDAY	CSE-C	FN	21X31A05D1 TO 21X31A05J4 & 22X35A0517 TO 22X35A0522	68

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## DBMS Lab External Time-Table

### With Examiner

A.Y. : 2022-23

SEM-II

### SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY

LAB EXTERNAL EXAMINATIONS TIME-TABLE, SEP-2023 II-II SEM

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(IOT,CS,AI,ML,AI&DS)


TIMINGS FN: 10:00 AM TO 1:0 PM AN: 1:00PM TO 4:00PM

Date:14/09/2023

S.NO	YEAR/ SEC	NAME OF THE LAB	DATE	SESSION	LOCATION	NAME OF THE INTERNAL EXAMINER	NAME OF THE EXTERNAL EXAMINER
1	II-II-CSE-A	DBMS LAB	19/9/2023	FN	LAB NO-A-6&4	Mrs.D.Rajeshwari	Mr.G.Harish Reddy (9963992727)
2		JAVA LAB	16/9/2023	FN	LAB NO-A-7&8	Mrs.B.S.Swapna shanthi	Dr.B.Srinu (8185924275)
3		OPERATING SYSTEMS LAB	15/9/2023	FN	LAB NO-A- 1&2	Mrs.P.Ramya priya	Mrs.R.Akshara (9177841919)
4	II-II-CSE-B	DBMS LAB	16/9/2023	FN	LAB NO-A-6&4	Mrs.D.Uma	Mr.N.SriAnjancya (9866858140)
5		JAVA LAB	15/9/2023	AN	LAB NO-A-7&8	Mrs.M.Karuna	Mr.CH.CHAITANYAKU MAR(8500330546)
6		OPERATING SYSTEMS LAB	19/9/2023	FN	LAB NO-A- 1&2	Mr.D.Nagaraju	Mrs.Durga Devi (9948353838)
7	II-I-CSE-C	DBMS LAB	15/9/2023	FN	LAB NO-A-6&4	Mrs.P.H.Swarna Rekha	Mr.S.Kranthi Reddy (9573013861)
8		JAVA LAB	16/9/2023	AN	LAB NO-A-7&8	Mrs.J.Priyanka	Mrs.K.L.Anusha (9704446862)
9		OPERATING SYSTEMS LAB	19/9/2023	AN	LAB NO-A- 1&2	Mr.P.Sreeramulu	Mr.Chaithanya Kumar (9989698416)

  
HOD

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## LAB OCCUPANCY CHART

### Database Management Systems Lab

ROOM NO:A-107

BLOCK:A

FLOOR:1

	I 9:40-10:30	II 10:30-11:20	III 11:20-12:10	IV 12:10-1:00	LUNCH	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
MON		II BTECH II SEM CSE-A						
TUE						II BTECH II SEM CSE-C		
WED						II BTECH II SEM CSE-A		
THU						II BTECH II SEM CSE-B		
FRI		II BTECH II SEM CSE-B						
SAT		II BTECH II SEM CSE-C						

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## **DATABASE MANAGEMENT SYSTEMS LAB**

### **Do's and Don'ts**

#### **Do's**

1. Come with completed observation and record.
2. Remove your shoes or wear foot socks before you enter the lab.
3. Always keep quiet. Be considerate to other lab users.
4. Report any problems with the computer to the person in charge.
5. Shut down the computer properly.
6. Wear ID card before entering into the lab.
7. Read and understand how to carry out an activity thoroughly before coming to the lab.
8. Write In time, Out time and system details in the login register

#### **Don'ts**

1. Do not touch any part of the computer with wet hands.
2. Do not change system settings.
3. Do not hit the keys on the computer too hard.
4. Don't damage, remove, or disconnect any labels, parts, cables or equipment.
5. Do not install or download any software or modify or delete any system files on any lab computers
6. Do not disturb your neighbouring students. They may be busy in completing tasks.
7. Do not remove anything from the computer laboratory without permission.
8. Do not use pen drives.



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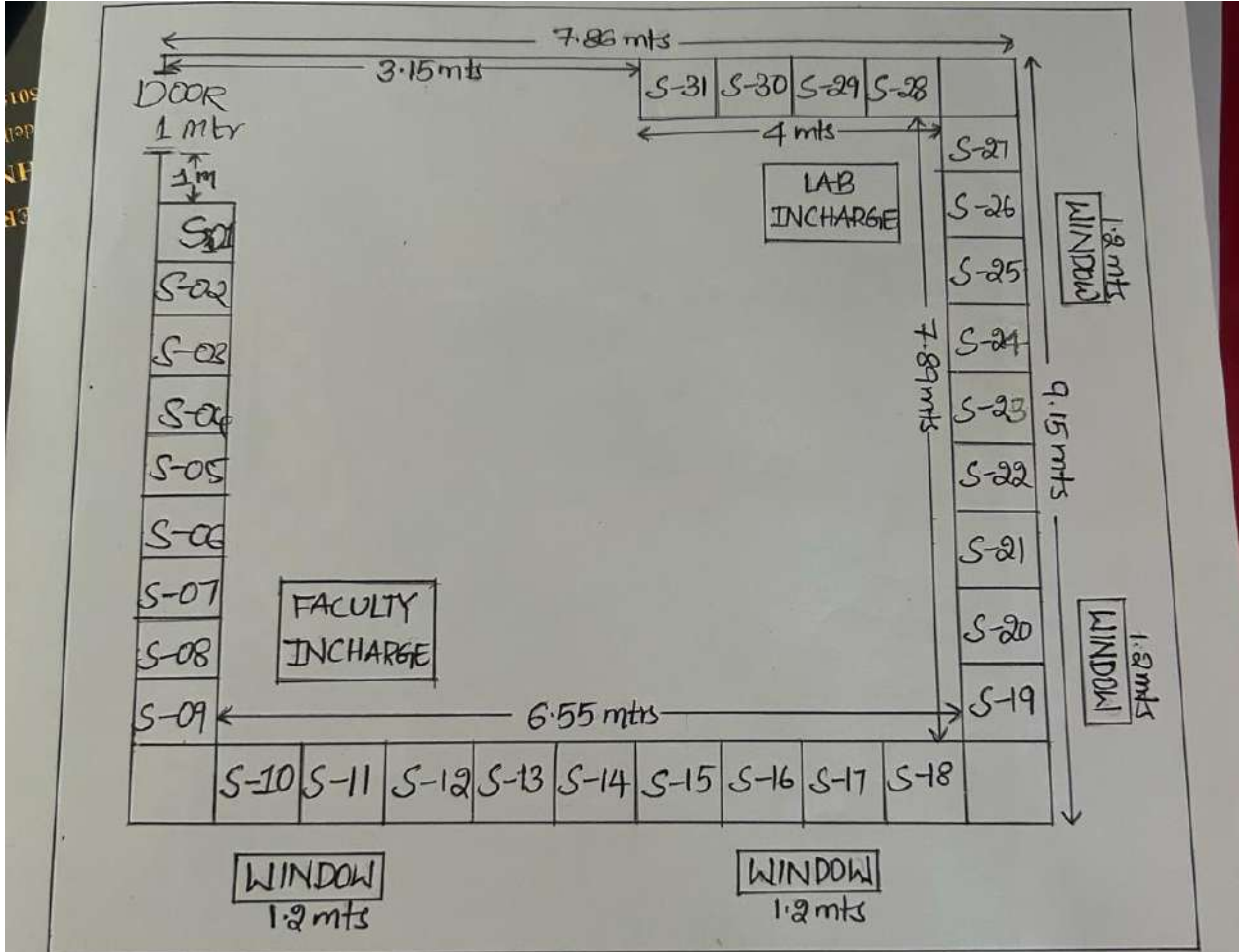
## DATABASE MANAGEMENT SYSTEMS LAB

### PHYSICAL LAB-6 FLOOR PLAN

ROOM NO:A-107

BLOCK: A

FLOOR:1



$$\text{Lab Area (In. Sqm.)} = 7.86 \times 9.15 = 71.919$$

$$\text{Lab Area (In. Sft.)} = 84.6 \times 98.5 = 714.1296$$

*Gan*  
LAB In-charge

*B. Ramesh Kumar*  
Head of the Department

Computer Science & Engg. Dept.  
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## **Lab manual link**

[https://drive.google.com/file/d/1F5VPyQeosB5F11LC\\_uvDqhZ9c8g0CzkJ/view?usp=sharing](https://drive.google.com/file/d/1F5VPyQeosB5F11LC_uvDqhZ9c8g0CzkJ/view?usp=sharing)



# SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering



## Course Outcome Attainment (Internal Examination-1)

Name of the faculty : D. RAJESHWARI                      2022-23  
 Branch & Section: CSE - A                                      I Internal  
 Course Name: DBMS    Year/Semester: II/II

S.No	HT No.	A+A+CD+MG	T+P+C+R	DDE
<b>Max. Marks ==&gt;</b>		<b>5</b>	<b>5</b>	<b>15</b>
1	21X31A0501	5	4	13
2	21X31A0502	5	5	13
3	21X31A0503	5	5	13
4	21X31A0504	5	5	14
5	21X31A0505	4	4	13
6	21X31A0506	5	5	14
7	21X31A0507	3	4	13
8	21X31A0508	4	5	14
9	21X31A0509	5	5	13
10	21X31A0510	3	3	8
11	21X31A0511	5	4	14
12	21X31A0512	3	3	8
13	21X31A0513	3	3	13
14	21X31A0514	5	5	13
15	21X31A0515	5	4	13
16	21X31A0516	5	4	14
17	21X31A0517	5	4	13
18	21X31A0518	4	5	14
19	21X31A0519	5	5	13
20	21X31A0520	5	5	13
21	21X31A0521	5	4	13
22	21X31A0522	5	5	12
23	21X31A0523	5	5	13
24	21X31A0524	4	5	12
25	21X31A0525	5	5	14
26	21X31A0526	5	5	13
27	21X31A0527	4	3	14
28	21X31A0528	4	3	14
29	21X31A0529	5	5	13
30	21X31A0530	4	4	12
31	21X31A0531	2	3	8
32	21X31A0532	3	4	12
33	21X31A0533	5	5	14
34	21X31A0534	5	5	14
35	21X31A0535			0
36	21X31A0536	4	4	12
37	21X31A0537	4	5	13
38	21X31A0538	5	4	14
39	21X31A0539	3	3	8
40	21X31A0540	3	2	9
41	21X31A0541	3	3	8
42	21X31A0542	5	5	14
43	21X31A0543	5	4	13
44	21X31A0544	2	3	8
45	21X31A0545	5	5	14
46	21X31A0546	2	3	8
47	21X31A0547	3	3	9
48	21X31A0548	5	4	14

49	21X31A0549	4	4	12
50	21X31A0550	4	4	14
51	21X31A0552	4	5	13
52	21X31A0554	5	4	15
53	21X31A0555	4	4	14
54	21X31A0556	5	4	13
55	21X31A0557	5	5	13
56	21X31A0559	4	5	13
57	21X31A0560	5	5	13
58	21X31A0561	5	4	13
59	21X31A0562	5	5	12
60	21X31A0563	5	5	13
61	21X31A0564	5	5	14
62	21X31A0565	5	5	12
63	22X35A0501	5	4	12
64	22X35A0502	5	5	13
65	22X35A0503	5	4	12
66	22X35A0504	4	4	12
67	22X35A0505	5	5	13
68	22X35A0506	4	5	12
69	22X35A0507	5	5	12
70	22X35A0508	5	5	14
Target set by the faculty / HoD		3.00	3.00	9.00
Number of students performed above the target		56	58	52
Number of students attempted		59	59	60
Percentage of students scored more than target		95%	98%	87%

**CO Mapping with Exam Questions:**

CO - 1	y	y	Y
CO - 2	y	y	Y
CO - 3	y	y	Y
CO - 4	y	y	Y
CO - 5	y	y	Y
CO - 6	y	y	Y

**CO Attainment based on Exam Questions:**

CO - 1	95%	95%	87%
CO - 2	95%	98%	87%
CO - 3	95%	98%	87%
CO - 4	95%	98%	87%
CO - 5	95%	98%	87%
CO - 6	95%	98%	87%

CO	Intrnal practica	DDE	Overall	Level
CO-1	95%	87%	91%	3
CO-2	97%	87%	92%	3
CO-3	97%	87%	92%	3
CO-4	97%	87%	92%	3
CO-5	97%	87%	92%	3
CO-6	97%	87%	92%	3

Attainment Level	
1	60%
2	70%
3	>80%

Attainment (Internal 1 Examination) = 3

**Course Outcome Attainment (Internal Examination-2)**

Name of the faculty : D. RAJESHWARI 2022-23  
Branch & Section: CSE- A II Internal  
Course Name: DBMS Semester: II

S.No	HT No.	A+A+CD+MG	T+P+C+R	DDE
<b>Max. Marks ==&gt;</b>		<b>5</b>	<b>5</b>	<b>15</b>
1	21X31A0501	5	4	14
2	21X31A0502	4	5	14
3	21X31A0503	5	5	13
4	21X31A0504	5	5	14
5	21X31A0505	4	4	13
6	21X31A0506	5	5	15
7	21X31A0507	4	3	14
8	21X31A0508	4	5	15
9	21X31A0509	5	4	15
10	21X31A0510	3	3	10
11	21X31A0511	4	5	14
12	21X31A0512	3	3	9
13	21X31A0513	3	3	14
14	21X31A0514	5	4	14
15	21X31A0515	4	4	14
16	21X31A0516	5	4	14
17	21X31A0517	4	4	14
18	21X31A0518	5	4	14
19	21X31A0519	4	5	15
20	21X31A0520	5	4	14
21	21X31A0521	4	4	14
22	21X31A0522	5	4	14
23	21X31A0523	5	5	14
24	21X31A0524	4	4	14
25	21X31A0525	5	5	15
26	21X31A0526	4	5	15
27	21X31A0527	4	4	15
28	21X31A0528	4	4	13
29	21X31A0529	5	4	14
30	21X31A0530	4	4	13
31	21X31A0531	4	3	12
32	21X31A0532	4	3	14
33	21X31A0533	5	5	15
34	21X31A0534	5	5	15
35	21X31A0535	3	3	10
36	21X31A0536	4	3	14
37	21X31A0537	5	4	14
38	21X31A0538	4	4	15
39	21X31A0539	3	3	10
40	21X31A0540	4	5	14
41	21X31A0541	4	4	14
42	21X31A0542	5	4	15
43	21X31A0543	5	4	14
44	21X31A0544	3	3	10
45	21X31A0545	5	5	15

46	21X31A0546	3	3	10
47	21X31A0547	4	3	13
48	21X31A0548	5	4	14
49	21X31A0549	4	3	14
50	21X31A0550	5	4	14
51	21X31A0552	4	5	14
52	21X31A0554	5	4	15
53	21X31A0555	3	3	12
54	21X31A0556	4	3	15
55	21X31A0557	5	4	14
56	21X31A0559	4	3	15
57	21X31A0560	5	4	15
58	21X31A0561	5	4	13
59	21X31A0562	5	4	14
60	21X31A0563	5	4	14
61	21X31A0564	5	4	15
62	21X31A0565	5	4	14
63	22X35A0501	4	4	14
64	22X35A0502	5	4	14
65	22X35A0503	4	4	13
66	22X35A0505	5	4	14
67	22X35A0506	4	4	14
68	22X35A0507	5	4	14
69	22X35A0508	5	5	14
Target set by the faculty / HoD		3.00	3.00	9.00
Number of students performed above the target		50	50	50
Number of students attempted		50	50	50
Percentage of students scored more than target		100%	100%	100%

**CO Mapping with Exam Questions:**

CO - 1	y	y	Y
CO - 2	y	y	Y
CO - 3	y	y	Y
CO - 4	y	y	Y
CO - 5	y	y	Y
CO - 6	y	y	Y

**CO Attainment based on Exam Questions:**

CO - 1	100%	100%	100%
CO - 2	100%	100%	100%
CO - 3	100%	100%	100%
CO - 4	100%	100%	100%
CO - 5	100%	100%	100%
CO - 6	100%	100%	100%

CO	Intrnal practica	DDE	Overall	Level
CO-1	100%	100%	100%	3
CO-2	100%	100%	100%	3
CO-3	100%	100%	100%	3
CO-4	100%	100%	100%	3
CO-5	100%	100%	100%	3
CO-6	100%	100%	100%	3

Attainment Level	
1	60%
2	70%
3	>80%

Attainment (Internal 2 Examination) =

3



# JI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering

## Course Outcome Attainment (University Examinations)

Name of the faculty : D. RAJESHWARI

Academic Year: 2022-23

Branch & Section: CSE - A

Year / Semester: II/II

Course Name: DBMS

S.No	Roll Number	Marks Secured
1	21X31A0501	68
2	21X31A0502	69
3	21X31A0503	68
4	21X31A0504	71
5	21X31A0505	63
6	21X31A0506	73
7	21X31A0507	64
8	21X31A0508	67
9	21X31A0509	67
10	21X31A0510	35
11	21X31A0511	68
12	21X31A0512	36
13	21X31A0513	62
14	21X31A0514	69
15	21X31A0515	65
16	21X31A0516	62
17	21X31A0517	68
18	21X31A0518	67
19	21X31A0519	68
20	21X31A0520	69
21	21X31A0521	65
22	21X31A0522	68
23	21X31A0523	67
24	21X31A0524	68
25	21X31A0525	73
26	21X31A0526	71
27	21X31A0527	68
28	21X31A0528	63
29	21X31A0529	68
30	21X31A0530	65
31	21X31A0531	50
32	21X31A0532	51
33	21X31A0533	73
34	21X31A0534	74
35	21X31A0535	-1
Max Marks		75
Class Average mark		65
Number of students performed above the target		54
Number of successful students		68
Percentage of students scored more than target		79%
<b>Attainment level</b>		<b>3</b>

S.No	Roll Number	Marks Secured
36	21X31A0536	67
37	21X31A0537	65
38	21X31A0538	68
39	21X31A0539	35
40	21X31A0540	71
41	21X31A0541	67
42	21X31A0542	69
43	21X31A0543	68
44	21X31A0544	35
45	21X31A0545	73
46	21X31A0546	35
47	21X31A0547	62
48	21X31A0548	68
49	21X31A0549	68
50	21X31A0550	69
51	21X31A0552	68
52	21X31A0554	70
53	21X31A0555	50
54	21X31A0556	65
55	21X31A0557	68
56	21X31A0559	68
57	21X31A0560	72
58	21X31A0561	65
59	21X31A0562	66
60	21X31A0563	69
61	21X31A0564	70
62	21X31A0565	69
63	22X35A0501	65
64	22X35A0502	70
65	22X35A0503	65
66	22X35A0505	69
67	22X35A0506	67
68	22X35A0507	70
69	22X35A0508	71

Attainment Level	% students
1	60%
2	70%
3	>80%





# SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering

## Course Outcome Attainment

Name of the faculty D. RAJESHWARI

Academic Year 2022-23

Branch & Section: CSE - A

Examination: II/II

Course Name: DBMS

Year: 2023

Semester: II/II

Course Outcomes	1st Internal Exam	2nd Internal Exam	Internal Exam	University Exam	Attainment Level
CO1	3.00	3.00	3.00	3.00	3.00
CO2	3.00	3.00	3.00	3.00	3.00
CO3	3.00	3.00	3.00	3.00	3.00
CO4	3.00	3.00	3.00	3.00	3.00
CO5	3.00	3.00	3.00	3.00	3.00
CO6	3.00	3.00	3.00	3.00	3.00
<b>Internal &amp; University Attainment:</b>			3.00	3.00	
<b>Weightage</b>			70%	30%	
<b>CO Attainment for the course (Internal, University)</b>			2.10	0.90	
<b>CO Attainment for the course (Direct Method)</b>			3.00		

Overall course attainment level

**3.00**



# SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY

Department of Electronics and Communication Engineering

## Program Outcome Attainment (from Course)

Name of Faculty: D. RAJESHWARI                                  Academic Year: 2022-23  
Branch & Section: CSE - A    Year: II  
Course Name: DBMS    Semester: II

### CO-PO mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	-	2	3	2	-	-	-	-	-	-	-	-
CO2	-	2	3	3	-	-	-	-	-	-	-	-
CO3	-	3	2	-	3	-	-	-	-	-	-	-
CO4	3	-	-	-	-	-	-	-	-	-	-	2
CO5	3	-	-	-	-	-	-	-	-	-	-	2
CO6	3	-	-	-	3	-	-	-	-	-	-	-
<b>Course</b>	<b>3</b>	<b>2.3</b>	<b>2.6</b>	<b>2.5</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>

CO	Course Outcome Attainment
	3.00
CO1	3.00
CO2	3.00
CO3	3.00
CO4	3.00
CO5	3.00
CO6	3.00
<b>Overall course attainment level</b>	<b>3.00</b>

### PO-ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO Attainment	3.00	2.30	2.60	2.50	3.00							2.00

CO contribution to PO - 33%, 67%, 100% (Level 1/2/3)