



DEPARTMENT OF Computer Applications

COURSE PLAN – PART I			
Name of the programme and specialization	MCA		
Course Title	Database Management Systems Lab		
Course Code	CA702	No. of Credits	2
Course Code of Pre-requisite subject(s)	CA712		
Session	January 2019	Section (if, applicable)	A & B
Name of Faculty	Dr. R. Eswari	Department	Computer Applications
Official Email	eswari@nitt.edu	Telephone No.	0491-2503744
Name of Course Coordinator(s) (if, applicable)	Dr. P. J. A. Alphonse		
Official E-mail	alphonse@nitt.edu	Telephone No.	0431-2503742
Course Type (please tick appropriately)	<input checked="" type="checkbox"/> Core course	<input type="checkbox"/> Elective course	
Syllabus (approved in BoS)			
Exercises / case studies that require table design, normalization and query building.			
COURSE OBJECTIVES			
1. Design and work in databases 2. Perform normalization 3. Apply DDL, DML commands 4. Build complex queries 5. Apply High-level programming language extensions (PL/SQL)			
MAPPING OF COs with POs			
Course Outcomes	Programme Outcomes (PO) (Enter Numbers only)		
1. Design database for real time applications	1,2,3,5		
2. Implement database functionalities	2,3,5		
3. Do project by applying database design techniques and queries	1,2,3,5		



COURSE PLAN – PART II

COURSE OVERVIEW

This course concentrates on implementation of data definition and data manipulation commands and constraints. It allows students to practically implement views, nested queries, join queries, set operations using DML commands. The course also concentrates on PL/SQL programs to implement various types of control structure, procedures, functions and trigger for various events such as insertion, deletion and update.

COURSE TEACHING AND LEARNING ACTIVITIES

(Add more rows)

S.No.	Week/Contact Hours	Topic	Mode of Delivery
1	1	Data definition language commands	
2	2	Data manipulation language commands	
3	3	In-built functions	
4	4	Nested queries and join queries	
5	5	Set operators	
6	6	Views	
7	7	PL/SQL - Control structures, Procedure and function	
8	8	Trigger	
9	9	Database Design and Implementation using SQL and PL/SQL	



10	10	Database Design and Implementation using SQL and PL/SQL	
11	11	Database Design and Implementation using SQL and PL/SQL	
12	12	Database Design and Implementation using SQL and PL/SQL	

COURSE ASSESSMENT METHODS (shall range from 4 to 6)

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	Evaluation-1	4	Lab duration	20
2	Evaluation-2	8	Lab duration	20
3	Lab record	12		10
CPA	Compensation Assessment*	End of lab	Lab duration	40
4	Evaluation-3	12	Lab duration	25
6	Final Assessment *	End of lab	Lab duration	25

*mandatory; refer to guidelines on page 4

COURSE EXIT SURVEY (mention the ways in which the feedback about the course shall be assessed)

- The students through the class representative may give their feedback at any time to the course faculty which will be duly addressed.
- The students may also give their feedback during Class Committee meeting.

COURSE POLICY (including compensation assessment to be specified)

MODE OF CORRESPONDENCE (email/ phone etc)

The students can get the availability of faculty member over phone and email. They can get their doubts clarified at any time with their faculty member with prior appointment.

COMPENSATION ASSESSMENT

One compensation assessment for absentees in assessments (other than final assessment) is mandatory. Only genuine cases of absence shall be considered.



ATTENDANCE POLICY (A uniform attendance policy as specified below shall be followed)


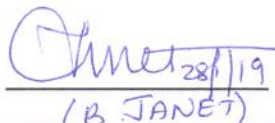

- At least 75% attendance in each course is mandatory.
- A maximum of 10% shall be allowed under On Duty (OD) category.
- Students with less than 65% of attendance shall be prevented from writing the final assessment and shall be awarded 'V' grade.

ACADEMIC DISHONESTY & PLAGIARISM

- Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty.
- Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.
- The departmental disciplinary committee including the course faculty member, PAC chairperson and the HoD, as members shall verify the facts of the malpractice and award the punishment if the student is found guilty. The report shall be submitted to the Academic office.
- The above policy against academic dishonesty shall be applicable for all the programmes.

ADDITIONAL INFORMATION, IF ANY

FOR APPROVAL

Course Faculty  CC- Chairperson  28/1/19 HOD 
(B. JANET)