



**DEPARTMENT OF MANAGEMENT STUDIES
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015, TAMIL NADU, INDIA**

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COURSE PLAN – PART I			
Course Title	INFORMATION MANAGEMENT		
Course Code	MB 717	No. of Credits	2
Course Code of Pre-requisite subject(s)	NIL		
Session	Oct 2020 - JAN 2021	Section	
Name of Faculty	Dr. P.Sridevi	Department	MBA
Email	psridevi@nitt.edu	Telephone No.	041-2503711
Name of Course Coordinator(s) (if, applicable)	NIL		
Course Type	<input checked="" type="checkbox"/> v	<input type="checkbox"/> Core course	<input type="checkbox"/> Elective course
SYLLABUS			
<p>Unit-I:IT Trends Information System – Concepts, Classification of IS, Computer hardware, Computer software, Database Management System, Internet Technologies, trends in Network computing, Messaging and Collaboration. SMAC (Social, Mobility, Analytics and Cloud)</p> <p>Unit-II: Organizational Applications Functional Information Systems, Decision Support Systems, Expert Systems, Knowledge Management System, Enterprise systems, RFID.</p> <p>Unit-III: Systems Analysis & Design Developing IS and System Development life Cycle, Structuring system process requirements, Structuring system logic requirements, Structuring system data requirements, Normalization in databases.</p> <p>Unit-IV: Business Intelligence Data Warehousing, Business Intelligence Framework, Business Analytics, OLAP, Data Mining, Business Performance Management, Dashboards, Balance scorecards.</p> <p>Unit-V: Economics of IT and Managing IT Security</p>			

Evaluating IT investments- Methods, Benefits, Costs & Issues, IT Economic strategies, Securing the enterprise, IS vulnerabilities and threats, Network security, Implementing security- Auditing and Risk Management.	
COURSE OBJECTIVES	
<i>To provide knowledge on Information systems, technologies, its design and applications in business environment.</i>	
COURSE OUTCOMES (CO)	
Course Outcomes	Aligned Programme Outcomes (PO)
1. To understand the different forms of Information systems	1, 2, 3, 4,
2. To understand latest trends of information technology	1,3,4
3. To understand development methodology of systems	2, 3, 5, 6
4. To understand business in systems perspectives	1, 2, 3, 4, 5, 6

COURSE TEACHING AND LEARNING ACTIVITIES			
Sl.No.	Week	Topic	Mode of Delivery
1.	Ist week of II Trimester Course Class – 1 st week (3 Contact Hours)	Information System – Concepts, Classification of IS, Computer hardware	Lecture - Power Point Presentation
2.	Class- 2 nd week (3 Contact Hours)	Computer software, Internet Technologies, Database Management System,	Lecture - Power Point Presentation
3.		Video narration of Internet technologies – on spot evaluation	Group presentation
4.	Class- 3 rd week (3 Contact Hours)	Trends in Network computing, Messaging and Collaboration. SMAC Functional Information Systems	Lecture - Power Point Presentation
5.	Class- 4 th week 3 Contact Hours)	Decision Support Systems, Expert Systems, Knowledge Management System, Enterprise systems, RFID. (Class room exercise)	Lecture - Power Point Presentation
6.		Case Study Analysis on Information technology/ Video Classroom exercise	Individual Analysis and report submission
7.	Will be informed later	Guest Lecture – Latest IT Trends	By Industry expert
8.	Class- 5 th week (3 Contact Hours)	Developing IS and System Development life Cycle,	Lecture - Power Point Presentation Assignments - posted
9.	Class- 6 th week (3 Contact Hours)	Structuring system process requirements, Structuring system logic requirements, Structuring system data requirements,	Lecture - Power Point Presentation Group analysis and presentation Demo on system development tool.

10.	7 th week	Cycle Test for III Trimester / MBA - IM Quiz		
11.	Saturday & Sunday		** Guest Lecture	
12.	December 31st – Jan 15th	Winter Break		
13.	Class- 8 th week January 2021 (3 Contact Hours)	Normalization in databases Data Warehousing, Business Intelligence Framework,	Lecture - Power Point Presentation	
14.	Class – 9 th week (3 Contact Hours)	Business Analytics, OLAP, Data Mining, Business Performance Management, Dashboards, Balance scorecards	Lecture - Power Point Presentation **Group analysis and presentation	
15.	Class - 10 th week (3 Contact Hours)	Evaluating IT investments- Methods, Benefits, Costs & Issues, IT Economic strategies	Lecture - Power Point Presentation **Group analysis and presentation	
16.	Class – 11 th week (3 Contact Hours)	Securing the enterprise, IS vulnerabilities and threats, Network security,	Lecture - Power Point Presentation	
17.	Class – 12 th week (3 Contact Hours)	Implementing security- Auditing and Risk Management .Assignment assessment	Lecture - Power Point Presentation	
			** Evaluation out off contact hours if required**	
18.	February 2021	II Trimester Exam Begins		

COURSE ASSESSMENT METHODS

Sl. No.	Mode of Assessment	Week / Date	Remarks	% Weightage
1.	Classroom exercise	4 th week of class 2020	Individual assessment	10%
2.	Quiz	6 th week of class 2020	60 Minutes	25%
3.	Literature report presentation	Will be conducted after winer break 2021	From any reputed journal of Information Management/Systems	15%
4.	Assignment – report on digital transformation trends	Submission – 1 week of February 2021	Group assessment	20%
5.	End Examination	February 2021	180 Minutes (2 hours)	30%

Note:

1. Attending all the assessments (Assessment 1 to 5) is MANDATORY for every student.
2. Every student is expected to score minimum 40% (i.e., 40 marks) to pass the course. Otherwise the student would be declared fail and 'F' grade will be awarded.

COURSE EXIT SURVEY

- Feedbacks are collected before final examination through MIS or any other standard format followed by the institute
- Students, through their Class Representatives, 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.

ATTENDANCE:

- Minimum 75% is mandatory to write the trimester examination. Students having attendance 65% to 74% are eligible for the end semester exam only after attending the extra classes and submitting assignments. Students have to redo the course, if they have less than 65% of attendance.
- Medical Certificate / On Duty Certificate should be submitted immediately after rejoining.

COMPENSATION ASSESSMENT:

- One compensation assessment will be given after completion of Quiz for the students those who are absent due to genuine reason.
- The prior permission and required document must be submitted for absence.

ACADEMIC HONESTY & PLAGIARISM:

- The students are expected to be honest for the assignments floated without copying from other students or sources. Plagiarism will be checked for assignments. If no academic honesty maintained, penalty will be imposed in final mark allotment.
- Need to maintain honesty & discipline in class room and exam duration

ADDITIONAL INFORMATION

- The students can get their doubts clarified at any time with course instructor any time through mail or by phone
- Guest lecture date will be intimated based on expert availability
- Submission of all assessment should be on the date informed. No late submission is allowed.

FOR APPROVAL

Dr. P.SRIDEVI
Course Faculty



Dr. V.Lavanya
Chairman (Class Committee)



Dr.P.Sridevi
HoD