



DEPARTMENT OF MANAGEMENT STUDIES
NATIONAL INSTITUTE OF TECHNOLOGY
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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 2022 – Jan 2023	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"/> 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

To provide knowledge on Information systems, technologies, system design and applications in business context.

COURSE OUTCOMES (CO)

Course Outcomes	Aligned Programme Outcomes (PO)
1. To understand need of Information systems in business context	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 applications in systems perspective	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 II Trimester / MBA	
11.	Saturday & Sunday		** Guest Lecture
12.	Class- 8 th week January 2023 (3 Contact Hours)	Normalization in databases Data Warehousing, Business Intelligence Framework,	Lecture - Power Point Presentation
13.	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
14.	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
15.	Class – 11 th week (3 Contact Hours)	Securing the enterprise, IS vulnerabilities and threats, Network security,	Lecture - Power Point Presentation
16.	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**
17.	January 2023	II Trimester Exam	

COURSE ASSESSMENT METHODS

Sl. No.	Mode of Assessment	Week / Date	Remarks	% Weightage
1.	Cycle Test	7 th week of class 2022	Individual assessment	25%
2.	Literature report	To be submitted after winter break 2023	From any reputed journal of Information Management/Systems – Group Assessment	10%
3.	Assignment – Case study on digital transformation trends	Submission – 3 rd week of January 2023	Group assessment	15%
4.	End Examination	Janury2023	3 hours	50%

- Note:**
1. Attending all the assessments (Assessment 1 to 4) is MANDATORY for every student.
 2. Passing minimum for the course shall be the Class Average/2. If not scoring the minimum, 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 for the students those who are absent due to genuine reason for the Cycle Test.
- The prior permission and required document must be submitted for absence.

ACADEMIC HONESTY & PLAGIARISM:

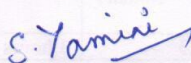
- The students are expected to be honest for the assignments floated without copying from other students or sources. Plagiarism will be checked for assignments. If no academic honesty maintained, penalty will be imposed in final mark allotment.
- Need to maintain honesty & discipline in class room and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

ADDITIONAL INFORMATION

- The students can get their doubts clarified at any time with course instructor through mail or in person during working hours
- 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. S.Yamini
Chairman (Class Committee)



Dr.G.Muruganatham
HoD