

SASURIECOLLEGEOFENGINEERING

ApprovedbyAICTE,NewDelhi.AffiliatedtoAnnaUniversity,Chennai

NearNH544, Coimbatore Bypass, NearVijayamangalam Tollgate, Tirupur 638056

# NAACDOCUMENTS

# **QUALITYINDICATORFRAME WORK**

# **CRITERION-1**

## **CURRICULAR ASPECTS**

SUBMITTEDBY IQAC

INTERNALQUALITYASSURANCECELL

SASIIRIFCOLI FGFOFFNGINFFRING





Criterion 1	CurricularAspects	100

CurricularPlanningandImplementation(20)

TheInstitutionensureseffectivecurriculumplanninganddeliverythrougha well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

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4	Subject Information Record
5	Syllabus
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7	Quality Objective Monitoring Record
8	Test Marks
9	Model exam Question Paper
10	Assignment Question Paper

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	SASURIE .		of Engineering
Depart Subjec Class d Semes	t Code & Name : & Batch ':	MBA BA 5205 & INFORMATION I - MBA & 2020-2022 II	MANAGEMENJ

#### **CONTENTS – COURSE FILE**

S.NO	PARTICULARS	REMARKS
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9	Model question paper	/
10	Sample Answer paper for all test(Min-3)	
11	Assignment – schedule and paper	
12	Personal Log book – Updated	Λ
13	Lecture Notes	$\overline{\Lambda}$

	Prepared By	Verified By	Approved By
Sign: Name:	M. ABDOL SIBRIL Faculty	M. ABPOLSIBRIL HOD	Dr. E. NANDHA KOMAR Principal
	1362 *	We	sat Dr. e.

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Dr.M. VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 055, Tirupur (Dt).

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SASURIE -	SASURIE
EMIC YEAR	:2020 - 2021
& SEM	: 1/11
TMENT	:MBA
СТ	: INFORMATION MANAGEMENT / BA4205

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Day / Time	9.00 To 9.50	9.50 To 10.40	То 10.55	10.55 To 11.45	11.45 To 12.35	То 1.20	1.20 To 2.05	2.05 To 2.50	То 3.05	3.05 To 3.50	3.50 То 4.30
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S.No	Subject Code	Name of the Subject	Name of the Staff	No of
1	BA:5205	Information Management	MY. ABDOL SIBRIL	5
			TOTAL	5

	Prepared by	Verified by	Verified by
Sign	m.Ally	M.A.Thip	GOD
Name	MA. ABDUL SIBRIL	MY. M. ABDOLSIBRIL	Dr.E.Nandha kumar
	Faculty	нор	Principal

Ma Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).

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# SASURIE College of Engineering

# Department of MBA Academic Year 2020 - 2021

## NAME LIST

S.NO	REGISTER NO	NAME
1	732420631001	Αριτηγά α
2	732420631002	AFRIN A
3	732420631003	ASHMA B
4	732420631004	ATCHARA BHAVANI G
5	732420631005	DHARSHINI D
6	732420631006	GOWTHAM S
7	732420631007	LAVANYA R
8	732420631008	MEIGNANAMOORTHI S
9	732420631009	MENU PRASATH S
10	732420631010	NEVILLEDARIUS G
11	732420631012	SANDHIYA M
12	732420631013	SATHIYAVEERAN C
13	732420631014	SOUMYA A
14	732420631015	SOUNDARYA R
15	732420631016	TAMILARASU T
16	732420631018	VIJAY D

M.A Faculty

M.A HOD

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#### SASURIE College of Engineering

SUBJECT INFORMATION RECORD

MBA Department : Information Monogement Subject : I year Year II. Semester . : U. Rahul Last year handled by : 837. Percentage of Result (last year) : To provide knowledge about The Dota and Information Used in en Organisation din a effective monage met 1. panneorselward. R. Ditabase management System, 2018 O. Robert Scheithois Managemet Information System. Mc Greed. 2005 Quality Objectives **Reference Book** 

	Prepared By	Approved By
Sign:	Shall-	M. Agritz
Name:	Mr. M. ABDO SIBRIL	MILM. ABDOL STBRIL
	Facult	
		PRINCIPAL
	SASU	RIE COLLEGE OF ENGINEERING,
	Will Vijay	amangalam - 638 056, Tirupur (Dt).

#### BA5205 INFORMATION MANAGEMENT

## **OBJECTIVES** :

To understand the importance of information in business

 $\square$  To know the technologies and methods used for effective decision making in an organization.

#### UNIT I INTRODUCTION 10

Data, Information, Intelligence, Information Technology, Information System, evolution, types based on functions and hierarchy, System development methodologies, Functional Information Systems, DSS, EIS, KMS, GIS, International Information System.

#### UNIT II SYSTEM ANALYSIS AND DESIGN 10

Case tools - System flow chart, Decision table, Data flow Diagram (DFD), Entity Relationship (ER), Object Oriented Analysis and Design(OOAD), UML diagram.

UNIT III DATABASE MANAGEMENT SYSTEMS 9

DBMS – HDBMS, NDBMS, RDBMS, OODBMS, Query Processing, SQL, Concurrency Management, Data warehousing and Data Mart

### UNIT IV SECURITY, CONTROL AND REPORTING 8

Security, Testing, Error detection, Controls, IS Vulnerability, Disaster Management, Computer Crimes, Securing the Web, Intranets and Wireless Networks, Software Audit, Ethics in IT, User Interface and reporting.

#### **UNIT V NEW IT INITIATIVES 8**

Role of information management in ERP, e-business, e-governance, Data Mining, Business Intelligence, Pervasive Computing, Cloud computing, CMM.

#### TOTAL: 45 PERIODS

#### OUTCOME

Gains knowledge on effective applications of information systems in business

#### **REFERENCES**:

1. Robert Schultheis and Mary Summer, Management Information Systems – The Managers View, Tata McGraw Hill, 2008.

25 2. Kenneth C. Laudon and Jane Price Laudon, Management Information Systems – Managing the digital firm, PHI Learning / Pearson Education, PHI, Asia, 2012.

3. Rahul de, MIS in Business, Government and Society, Wiley India Pvt Ltd, 2012

4. Gordon Davis, Management Information System : Conceptual Foundations, Structure and Development, Tata McGraw Hill, 21st Reprint 2008.

5. Haag, Cummings and Mc Cubbrey, Management Information Systems for the Information Age, McGraw Hill, 2005. 9th edition, 2013.

6. Turban, McLean and Wetherbe, Information Technology for Management –Transforming Organisations in the Digital Economy, John Wiley, 6th Edition, 2008.

7. Raymond McLeod and Jr. George P. Schell, Management Information Systems, Pearson Education, 2007.

8. James O Brien, Management Information Systems – Managing Information Technology in the E-business enterprise, Tata McGraw Hill, 2004.

9. Raplh Stair and George Reynolds, Information Systems, Cengage Learning, 10th Edition, 2012

10. Corey Schou and Dan Shoemaker, Information Assurance for the Enterprise – A Roadmap to Information Security, Tata McGraw Hill, 2007.

11. Frederick Gallegor, Sandia anit, Laniel P. Manson and Carol Gonzales Information Technology Control and Audit, 4th Edition, 2013. Dr.M.VIJAYAKUMAR ME., Ph.D.



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Faculty Name seatting and ; Days	## · · ·		Desi	gnation	: Assist	ant Professor
Department : MIS			10	ester/Year	11/1	
Subject / Code : Infe	ormation Management / BA5205 ) - 2021					
Academic Year : 2020	- 2021					
S.No. Proposed Date Peri	Details of Topic Covered	ТА	Ref.	Actu Date	al Period	Remarks
	UNIT III - DATABASE MANAGEM	ENT SYS	STEM	s		
25 8. Jp. 21 2	Data Base Management System			8,4.2	2	
26 9. 29.21 4	Applications of DBMS			9.4.21	24	
27 15.4.21 5	Data Models			5-4	5	
28 16 Jp-21 1	Record-Based Logical Models			164	1	
29 19.19.21 2	Object -Based Logical Models			19.4	2	
30 2010-21 8	Data Warehouseing			20.4	8	
31 211201 4	Structure of Data Warehouseing			21.4	Lo	
32 92 1. 01 5	Data Warehouseing Models			22.4	5	
33 23 4.218	Cubes Data Warehouse Model			23:4	8	
14 Qf 1 21 7	Online Analytical Processing			26.1	7	
5 27.4.21 5	Data Mart			27.4	8	
6 29.1. 21 4	Data Mining			29.4	4	
	UNIT IV - INTEGRATED SYSTEMS, SECUR	RITY AN	D CO	NTROL		
3.5.21 2	Knowledge based Decision Suport System (DSS)			3.5	2	
4.5.21 8	DSS Models			A.5	8	
5.5.211	Applications of DSS			5.5	1	
	Social Media			7.5	5	
	Impact of mobile Technology on Social Media			8.5	2	
	Security			10.5	3	
16.5.21 3 11.5.21 H	Computer Crimes			11.5	4	
	S Vulnerability			12.5	7	
	Disaster Management			13.5	8	
	Securing the Web.Internet, and Wireless Networks			15.5	5	
	Types of Internet Security		٠٢.	17.5	1	· .
	Controls Dr.M.VIJAY	AKUM	AR	Ph.R.	3	



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#### SASURIE

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: MBA

## ASURIE allogo of Engineering

LESSON PLAN

Designation Semester/ Year 11/1

: Assistant Professor

Faculty Name Department Subject / Code Academic Year

: 2020 - 2021

: Information Management / BA5205

Proposed Date	Period	Details of Topic Covered	ТА	Ref.	Actu Date	al Period	Remarks	
UNIT-I - INTRODUCTION								
5.321	T	Data			33	7		
1.3.21	2	Information			4-3	2		
5.3.21	4	Information System			5.3	21		
8.3.21	2	Information system based on Hirearchy			6.3	2		
9.3.21	5	Enterprise			9.3	5		
10.3.21	8	Types of Enterprise Systems			10.3	8		
11.3.21	١	Enterprise Resourses Planning (ERP)			11.3	3		
12.3.21	2	Applications of ERP			12.3	2		
13.3.21	3	Supply Chain Management			13.3	3	2	
6.3.21	5	Customer Relationship Management			16.3	5		
17.3.21	8	Function Information Systems			17.3	8		
18.3.21	1	Types of Function Information Systems			18.3	1.		
		UNIT II - SYSTEM ANALYSIS AND	DESI	GN				
19.321	1	System Development Methodologies			19.3	1		
20.32	4	Types of System Development Methodologies			20.3	21		
22.3.21	2	System Development Life Cycle			22.3	2		
23.3.21	3	System Analysis and Design			23.3	3		
24.321	8	Structured Analysis Tools			24.3	8		
25.3.21	b	Decision Table			25.3	6		
26.3.21	5	Data Flow Diagram			26.3	5		
27.3.21	4	Forty Relationship (LR) Diagrams			27.3	2		
29.3.21	LI	Object-Oriented Analysis and Design			29.3	)		
130321		Object Orlented Design			36.3	8		
to. 4.21		Unified Modeling Language			64.	8		
7.4.21	12	UML Diagram			7.4	2		
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Depart		MBA			Seme	ster/ Year	11/1	
Subjec	t/Code :		ation Management / BA5205					
Acade	mic Year :	2020 - 2	021					
S.No.	Proposed		Details of Topic Covered	ТА	Ref.	Actua Date	1l Period	Remarks
5.110.	Date	Period	UNIT V - NEW IT INITIATI	VES				
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49	20.5.2	2	Deep Learning			20.5	2	
50	21.5.21	1.	Big Data			21.5	4	
51	22.5.21	1	Pervasive Computing			22.5	6	
52	24.5.21	1	Pervasive Computing Principles			24.5	1	
53	95 5 21	8	Cloud Computing			25.5	8	
54	2/- C 21	7	Artificial Intelligence			26.5	7	
55	20.3-21	1-	Applications of Al			27.5	7	
56	21.5.2	0	Internet of Things			28.5	8	
57	20-521	3	Applications of Internet of Things			29.5	3	
58	21.5.21	i	Block Chain			2.6	5	

References:

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Crypto Currency

Quantum Computing

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2 Robert Schultheis and Mary Sumner, Management Information Systems - The Manager's View, Tata McGraw Hill, 2008

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Teaching Aids (TA):

1. Black Board with Chalk

2. Overhead Projector

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3	. LCD Projector		Authorized by
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#### Department of MBA Academic Year 2020 - 2021 YEAR /SEM:1 / 11

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5	732420631005	DHARSHINI D	90	85
6	732420631006	GOWTHAM S	89	-79
7	732420631007	LAVANYA R	63	72
8	732420631008	MEIGNANAMOORTHI S	76	77
9	732420631009	MENU PRASATH S	75	69
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Register Number: SASURIE SASURIE College of Engineering

Model Examination - 1				Date/Session	08.06.2021/ A.N	Marl	ks	100
Course co	de .	Ba5205	Course Title	Information	Management			
Regulation	n.	2017	Duration	3 Hours	Academic	Year	2020 - 2021	
Year		1	Semester	11	Departme	nt	MBA	•
COURSE	OUT	COMES	· · · ·	•				
C01:	Defi	ine the importa	ance of information in	business				
CO2:	Des	scribe the tech	nologies and methods u	used for effective de	cision making	in an or	ganizz	ation.
C03:	Gair	ns knowledge o	on effective application	ns of information sy	stems in busine	ess		
CO4:			nation and data in effe					
C05:	Unde	erstand the diffe	rent way of organizing a	nd make use of data i	na a efficiently			
CO6:	Desc	Describe the Enterprise Resource Planning in any organization.						

.No.	Question	CO	BTS
(4.5) (4.5)	PART A (Answer all the Questions 10 x 2 = 20 Marks)		
1	Define Data with example?	COI	R
2	Demonstrate the objectives of system methodology?	COI	U
3	Construct ER diagram with example?	CO3	Α
4	Compare the DBMS and Data warehouse?	CO2	۸
5	What is Pervasive computing?	CO5	R
6	Identify the Block Chain and types of block Chain?	C06	Α
7	Appraise the advantage and disadvantages of Quantum Computing?	C91	E
8	Difference between Data and Information?	CO2	A F Ph.D.
\$: K ]	Dr.M.VIJAYAKUMAR ME. Ph.D.	TIDAL	

DT.W. VIJAYAK UWAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt). SASURIE COLLEGE OF ENGINEERING Vijayamangalarn- 638 656. Tirupur (Dt).

	Develop the categories of Threats?	0	3 R
10	Write short note on IOT?		
	PART B		
	(Answer all the Questions $5 \ge 13 = 65$ Marks)		1
la	'Ilustrate the Enterprise Resource Planning and Supply Chain Management?	CO2	. U
	OR		
16	Relate the information system briefly.	CO3	R
2a	Apply the main rules of drawing flow chats? Describe the flow charts for	CO5	Λ
	students marks inexam. OR	10.5	
12b	Utilise the different types of system Development methodologies in Information	CO6	A
13 a	Determine the Data Mart and Data Mining in detail.	CO1	E
15 a	OR		_
		CO4	U
13b	Explain about the information system briefly.	CO2	C
14a	Develop the Disaster Management Process?		
	OR	CO4	A
14b	Construct about the Securing the Web, Internet and Wireless networks?		
15a	Explain Big data with Example? And also describe the application or Source of Bigdata	CO1	U /:
	OR		
15b	Simplify the concept of Crypto Currency? and write the types of Crypto	CO6	A
	Currency. PART C		
	(Answer all the Questions $1 \ge 15$ Marks)		
16a	Adopt the concept of advancement in Artificial Intelligence (AI)? And also write the meaning and definition and history of AI?	CO5	C
	10 li	0	Dr.
4	Course Faculty HoD 5/6/27, HOD 5/6/27, HO	Pr • F. N	incipal ANDAAK Sign/
7. F	tBDUL SIBRIL M. HBDUL SIBIL A (Name/Sign/Date)	(Nam	e /Sign
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	Dr.M.VIJAYARUMAR ME., Ph.D.,	PRIN	KUMAR M ICIPAL E OF ENGINER
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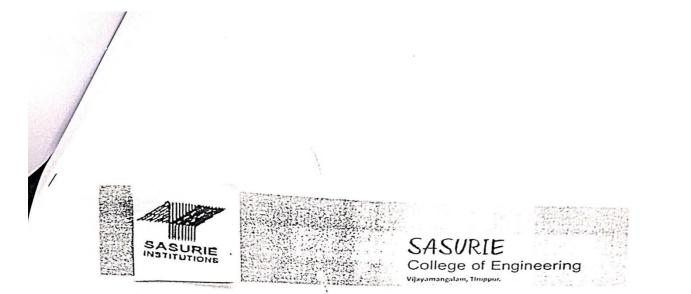
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DEPARTMENT OF MBA

## Assignment Question Paper

	Assignmen	t - 01	Date of Issue:	05.04.2021	Marks	20
Course code	BA5205	Course Title	Information Mar	nagement		
Year	1	Semester	II	Date of Submiss	sion: 20.04.2	2021

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ハ.ABDOL SUBRM Name and Signature of the Faculty Incharge

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### **DEPARTMENT OF MBA**

## Assignment Answer Sheet

Name of the Student :

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AU Register Number: 732420681002

	Assignmen	t – 01	Date of Issue:	05.04.2021	Marks	20
Course code	BA5205	Course Title	Information Man	Date of Submission	. 20.04	2021
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#### Mark Allocation

Rubrics	Marks Allocated	Marks obtained
Content Quality	12	16
Presentation Quality	04	24
Timely submission	02	1-1
Total marks	20	18

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Name and Signature of the Faculty Incharge

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