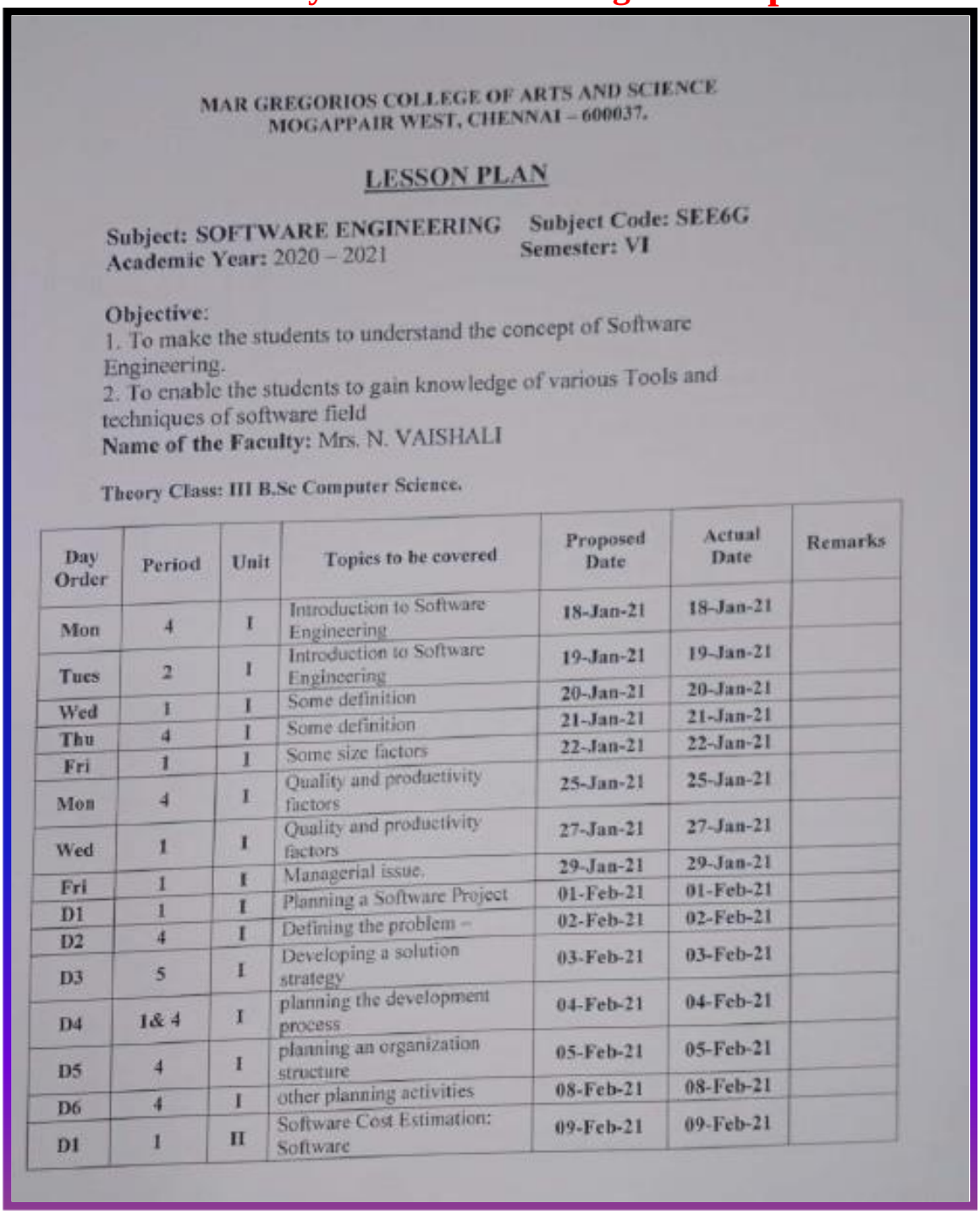
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE

Affiliated to University of Madras

CURRICULAR ASPECTS -CRITERION 1.1

Every staff is maintaining a lesson plan



MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE
MOGAPPAIR WEST, CHENNAI – 600037.

LESSON PLAN

Subject: SOFTWARE ENGINEERING **Subject Code: SEE6G**
Academic Year: 2020 – 2021 **Semester: VI**

Objective:
1. To make the students to understand the concept of Software Engineering.
2. To enable the students to gain knowledge of various Tools and techniques of software field

Name of the Faculty: Mrs. N. VAISHALI

Theory Class: III B.Sc Computer Science.

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
Mon	4	I	Introduction to Software Engineering	18-Jan-21	18-Jan-21	
Tues	2	I	Introduction to Software Engineering	19-Jan-21	19-Jan-21	
Wed	1	I	Some definition	20-Jan-21	20-Jan-21	
Thu	4	I	Some definition	21-Jan-21	21-Jan-21	
Fri	1	I	Some size factors	22-Jan-21	22-Jan-21	
Mon	4	I	Quality and productivity factors	25-Jan-21	25-Jan-21	
Wed	1	I	Quality and productivity factors	27-Jan-21	27-Jan-21	
Fri	1	I	Managerial issue.	29-Jan-21	29-Jan-21	
D1	1	I	Planning a Software Project	01-Feb-21	01-Feb-21	
D2	4	I	Defining the problem –	02-Feb-21	02-Feb-21	
D3	5	I	Developing a solution strategy	03-Feb-21	03-Feb-21	
D4	1& 4	I	planning the development process	04-Feb-21	04-Feb-21	
D5	4	I	planning an organization structure	05-Feb-21	05-Feb-21	
D6	4	I	other planning activities	08-Feb-21	08-Feb-21	
D1	1	II	Software Cost Estimation: Software	09-Feb-21	09-Feb-21	

D2	4	II	Cost factors	10-Feb-21	10-Feb-21	
D3	5	II	Cost factors	11-Feb-21	11-Feb-21	
D4	1& 4	II	Software cost estimation techniques	12-Feb-21	12-Feb-21	
D5	4	II	Software cost estimation techniques	13-Feb-21	13-Feb-21	
D6	4	II	specification techniques	15-Feb-21	15-Feb-21	
D1	1	II	level estimation	16-Feb-21	16-Feb-21	
D2	4	II	level estimation	17-Feb-21	17-Feb-21	
D3	5	II	estimating software	18-Feb-21	18-Feb-21	
D4	1& 4	III	maintenance costs	19-Feb-21	19-Feb-21	
D5	4	III	Software requirements definition	20-Feb-21	20-Feb-21	
D6	4	III	Software requirements definition	22-Feb-21	22-Feb-21	
D1	1	III	The software requirements specification	23-Feb-21	23-Feb-21	
D2	4	III	The software requirements specification	24-Feb-21	24-Feb-21	
D3	5	III	The software requirements specification	25-Feb-21	25-Feb-21	
D4	1& 4	III	formal languages and processors for requirements specification	26-Feb-21	26-Feb-21	
D5	4	III	formal languages and processors for requirements specification	27-Feb-21	27-Feb-21	
D1	1	III	Software Design	01-Mar-21	01-Mar-21	
D2	4	III	Software Design	02-Mar-21	02-Mar-21	
D3	5	III	Fundamental Design concepts	03-Mar-21	03-Mar-21	
D4	1& 4	III	Fundamental Design concepts	04-Mar-21	04-Mar-21	
D5	4	IV	Modules and modularizing Criteria	05-Mar-21	05-Mar-21	
D6	4	IV	Modules and modularizing Criteria	06-Mar-21	06-Mar-21	
D1	1	IV	Modules and modularizing Criteria	08-Mar-21	08-Mar-21	
D2	4	IV	Modules and modularizing Criteria	09-Mar-21	09-Mar-21	
D3	5	IV	Design Notations	10-Mar-21	10-Mar-21	
D4	1& 4	IV	Design Notations	11-Mar-21	11-Mar-21	
D5	4	IV	Design Techniques	12-Mar-22	12-Mar-22	
D6	4	IV	Design Techniques	13-Mar-21	13-Mar-21	
D1	1	IV	Design Techniques	15-Mar-21	15-Mar-21	

D2	4	IV	Design Techniques	16-Mar-21	16-Mar-21	
D3	5	IV	Detailed Design Consideration	17-Mar-21	17-Mar-21	
D4	1& 4	IV	Detailed Design Consideration	18-Mar-21	18-Mar-21	
D5	4	IV	Real time and distributed system design	19-Mar-21	19-Mar-21	
D6	4	IV	Real time and distributed system design	20-Mar-21	20-Mar-21	
D1	1	IV	Test plan	22-Mar-21	22-Mar-21	
D2	4	IV	Test plan	23-Mar-21	23-Mar-21	
D3	5	IV	Mile stones walk through and inspection	24-Mar-21	24-Mar-21	
D4	1& 4	IV	Mile stones walk through and inspection	25-Mar-21	25-Mar-21	
D5	4	IV	Design guide lines	26-Mar-21	26-Mar-21	
D6	4	IV	Design guide lines	27-Mar-21	27-Mar-21	
D1	1	V	Verification and validation techniques	29-Mar-21	29-Mar-21	
D2	4	V	Quality assurance	30-Mar-21	30-Mar-21	
D3	5	V	Static analysis	31-Mar-21	31-Mar-21	
D4	1& 4	V	symbolic exception	01-Apr-21	01-Apr-21	
D2	4	V	Unit testing and Debugging	05-Apr-21	05-Apr-21	
D3	5	V	System testing	07-Apr-21	07-Apr-21	
D4	1& 4	V	Formal verification.	08-Apr-21	08-Apr-21	
D5	4	V	Software maintenance:.	09-Apr-21	09-Apr-21	
D6	4	V	Enhancing maintainability during development	10-Apr-21	10-Apr-21	
D1	3	V	Enhancing maintainability during development	12-Apr-21	12-Apr-21	
D4	4	V	Managerial aspects of software maintenance	15-Apr-21	15-Apr-21	
D5	1	V	Managerial aspects of software maintenance	16-Apr-21	16-Apr-21	
D6	1	V	Configuration management	17-Apr-21	17-Apr-21	
D1	3	V	source code metrics	19-Apr-21	19-Apr-21	
D2	1	V	other maintenance tools and techniques	20-Apr-21	20-Apr-21	

D3	1	V	other maintenance tools and techniques	21-Apr-21	21-Apr-21
D4	4		SEMINAR	22-Apr-21	22-Apr-21
D5	1		SEMINAR	23-Apr-21	23-Apr-21
D6	1		SEMINAR	24-Apr-21	24-Apr-21
D1	3		SEMINAR	26-Apr-21	26-Apr-21
D2	1		SEMINAR	27-Apr-21	27-Apr-21
D3	1		SEMINAR	28-Apr-21	28-Apr-21
D4	4		SEMINAR	29-Apr-21	29-Apr-21
D5	1		REVISION	30-Apr-21	30-Apr-21
D6	1		REVISION	03-May-21	03-May-21
			MODEL EXAM BEGINS	04-May-21	04-May-21
				05-May-21	05-May-21
				06-May-21	06-May-21
				07-May-21	07-May-21
				08-May-21	08-May-21
			MODEL EXAM ENDS	10-May-21	10-May-21
D1	3		SEMINAR PENDING & DOUBT CLEARING SESSION	11-May-21	11-May-21
D2	1		SEMINAR PENDING & DOUBT CLEARING SESSION	11-May-21	11-May-21
D3	1		FAREWELL DAY	13-May-21	13-May-21

Along with the above the following activities are also to be planned and included:

Activity name	No. of activities per semester	Details
• Tutorial		
• Assignments	1	Unit I & II → I Internal
• Unit Test	2	Unit III & IV →II Internal
• Model Exams	1	All 5 units

Co-curricular activities

Program Name	No. of Programs Planned	Subject Nature of the Program
• Guest Lectures		
• Seminars by students	1	PROOF ATTACHED
• Industrial Visits		
• Others (Please specify the subject nature of the program)		

N. Vaishali

(N.VAISHALI)
Faculty in-charge

HOD

MAR GREGORIOS COLLEGE OF ARTS & SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

SEMINAR TOPIC

ACADEMIC YEAR 2020 -2021 EVEN SEMESTER

SUBJECT NAME: SOFTWARE ENGINEERING

CLASS:III CSC **SUBJECT CODE:SEE6G**

S.NO	REG NO	STUD NAME	NAME OF THE TOPIC
1	221810449	ABHIJEETH S	SOFTWARE COST ESTIMATION: SOFTWARE
2	221810450	AJAY A	SOME DEFINITION
3	221810451	AUGUSTINE JEBAKUMAR M	SOME SIZE FACTORS
4	221810452	CHRISTOPHER P	QUALITY AND PRODUCTIVITY FACTORS
5	221810453	DHARANIRAJ D	MANAGERIAL ISSUE
6	221810454	DINESH KUMAR E	PLANNING A SOFTWARE PROJECT
7	221810455	EZHILARASAN K	DEFINING THE PROBLEM –
8	221810456	GOKUL E	DEVELOPING A SOLUTION STRATEGY
9	221810457	GOKULNATH J	PLANNING THE DEVELOPMENT PROCESS
10	221810458	IBRAHIM M	OTHER PLANNING ACTIVITIES
11	221810459	JANARTHANAN L	SOFTWARE COST ESTIMATION: SOFTWARE
12	221810461	JAYASURYAPRABAH	COST FACTORS
13	221810462	JOSHUA KENNEDY D	SOFTWARE COST ESTIMATION TECHNIQUES
14	221810463	KISHORE K	SPECIFICATION TECHNIQUES
15	221810464	MAGHI KUMAR M	LEVEL ESTIMATION
16	221810465	MANORANJITH V	ESTIMATING SOFTWARE
17	221810466	MARIYA SELVAM G	MAINTENANCE COSTS
18	221810467	MOHAMMED MUSTAQ M	SOFTWARE REQUIREMENTS DEFINITION
19	221810468	MUKESH K	THE SOFTWARE REQUIREMENTS SPECIFICATION
20	221810469	MUNTHAZAR AHAMED M	FORMAL LANGUAGES AND PROCESSORS FOR REQUIREMENTS SPECIFICATION
21	221810470	MUTHU KUMAR V	SOFTWARE DESIGN
22	221810471	NAVEEN RAJA D	FUNDAMENTAL DESIGN CONCEPTS

23	221810472	NITHISH B	MODULES AND MODULARIZING CRITERIA
24	221810473	PARTHASARATHI M	DESIGN NOTATIONS
25	221810474	PARTHIBAN K	DESIGN TECHNIQUES
26	221810475	RAGOTHAMAN S	DETAILED DESIGN CONSIDERATION
27	221810476	SANTHOSH C	REAL TIME AND DISTRIBUTED SYSTEM DESIGN
28	221810477	SARGUNAN B	TEST PLAN
29	221810478	SERMAN V	MILE STONES WALK THROUGH AND INSPECTION
30	221810479	SIVASANKARAN K	DESIGN GUIDE LINES
31	221810480	SRINIVASAN J	VERIFICATION AND VALIDATION TECHNIQUES
32	221810481	SUDHARSHAN M	QUALITY ASSURANCE
33	221810482	SURIYA B	STATIC ANALYSIS
34	221810483	SYED HAROON S	SYMBOLIC EXCEPTION
35	221810484	VASANTHA KUMAR M	UNIT TESTING AND DEBUGGING
36	221810485	VIMAL R	SYSTEM TESTING
37	221810486	YESURAJ L	FORMAL VERIFICATION.
38	221810487	YOGESH RAJA K	SOFTWARE MAINTENANCE:
39	221810488	ANGELA MERCY K	ENHANCING MAINTAINABILITY DURING DEVELOPMENT
40	221810489	ARATHI A	MANAGERIAL ASPECTS OF SOFTWARE MAINTENANCE
41	221810490	FELICIA ANGELA JOSEPH F	CONFIGURATION MANAGEMENT
42	221810491	KIRUBAVATHI S	SOURCE CODE METRICS
43	221810492	SEETHALAKSHMI A	OTHER MAINTENANCE TOOLS AND TECHNIQUES
44	221810494	SEETHA MADHAV RAO	SOFTWARE REQUIREMENTS DEFINITION
45	221810495	JOHNSON INBARAJ J	THE SOFTWARE REQUIREMENTS SPECIFICATION
46	221810496	RAJITH S	FORMAL LANGUAGES AND PROCESSORS FOR REQUIREMENTS SPECIFICATION
47	221810497	RAKESH KISHORE S	SOFTWARE DESIGN

SUBJECT TEACHER

HEAD OF THE DEPARTMENT

MAR GREGORIOS COLLEGE OF ARTS & SCIENCE
MOGAPPAIR WEST, CHENNAI - 600037

LESSON PLAN

Subject:COMMUNICATIVE ENGLISH Subject Code: LZ11A
Academic Year: 2020 – 2021 Semester: ODD

Objective: 1. Develop their intellectual, personal and professional abilities. 2. Acquire basic language skills (listening, speaking, reading and writing) in order to communication with speakers of English language. 3. Acquire the linguistic competence necessarily required in various life situations.
Name of the Faculty: Mrs. K. SUBHASHINI

Theory Class: I BCOM-CS

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
Mon	2		Syllabus given	01/9/20	1/9/20	
Tue	2		Grammar-Parts of speech	02/9/20	2/9/20	
Wed	2		Grammar-Types of Sentences	03/9/20	3/9/20	
Mon	2	UNIT I	Introducing Self and others	09/9/20	9/9/20	
Tue	2	UNIT I	Listening for specific information	10/9/20	10/9/20	
Mon	2	UNIT I	Pronunciation	16/9/20	16/9/20	
Tue	2	UNIT I	Reading short articles, reading aloud, journal reading	17/9/20	17/9/20	
Mon	2	UNIT I	Using dictionaries, thesaurus, encyclopedia	23/9/20	23/9/20	
Tue	2	UNIT II	Listening with a purpose, Effective Listening,	24/10/20	24/10/20	
Mon	2	UNIT II	Tonal Variation, Listening for information,	30/9/20	30/9/20	
Tue	2	UNIT II	Asking for Information, Giving Information	01/10/20	1/10/20	

Wed	2	UNIT II	Strategies of Reading: Skimming and Scanning	07/10/20	7/10/20	Completed
Thu	2	UNIT II	Types of Reading : Extensive and Intensive Reading	08/10/20	8/10/20	completed
Wed	2	UNIT II	Reading a prose passage, Reading a poem, Reading a short story, Paragraphs Structure and types	14/10/20	14/10/20	completed
Thu	2	UNIT II	Using the Internet as a Resource, Grammar: verb, concord	15/10/20	15/10/20	completed

Along with the above the following activities are also to be planned and included:

Activity name	No. of activities per semester	Details
Tutorial	3	Remedial class for below average students
Assignments	2	
Unit Test	2	Unit I & II - I Internal Unit III & IV - II Internal
Model Exams	1	All 5 units

Co-curricular activities

Program Name	No. of Programs Planned	Subject Nature of the Program
Guest Lectures	-	
Seminars by students	1	
Industrial Visits		
Others (Please specify the subject nature of the program)		

K. Subhashini
Faculty in-charge

K. Subhashini
HOD

MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE
MOGAPPAIR WEST, CHENNAI - 600037

LESSON PLAN

Subject: FINACIAL ANALYTICAL & CONTROL **Subject Code: CA32B**
Academic Year: 2020 – 2021 **Semester: 2nd SEMESTER**
Objective:

- To understand information systems, data governance, technology-enabled finance transformation and the application of data analytics and visualization.
- To be able to define cost behaviour and types of costs, classify costing systems and compare different types of costs.
- To understand supply chain management and business process improvement.
- To understand governance, risk, compliance, system controls and security measures for internal controls.

Name of the Faculty: R.SELVI

Theory Class:

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
III	1	I	Syllabus will be given	25/02/2021	25/2	
IV	2	I	Accounting information systems introduction Enterprise resource planning systems	26/02/2021	26/2	
V	1	I	Enterprise performance management systems	27/02/2021	27/2	
I	2	I	Data policies	01/03/2021	1/3	
IV	2	I	Data procedures	04/03/2021	4/3	
I	2	I	Life cycle of data	08/03/2021	8/3	
IV	2	I	Controls against security breaches	11/03/2021	11/3	
I	2	II	Systems Development Life Cycle	15/03/2021	15/3	
IV	2	II	Process automation, meaning merits and demerits	18/03/2021	18/3	
I	2	II	Innovative applications	22/03/2021	22/3	
IV	2	II	Business intelligence, business analyst introduction	25/03/2021	25/3	
I	2	II	Role of business analyst to develop the business	29/03/2021	29/3	
III	2	II	Required skills to be a business analyst	03/04/2021	3/4	
IV	2	II	Data mining, its introduction, process,	05/04/2021	5/4	
V	3	II	Merits and demerits of data mining	06/04/2021	6/4	
VI	1	II	Analytic tools - Data visualization	07/04/2021	7/4	
III	2	III	Cost behavior and cost objects: Introduction to Actual and normal costs	08/04/2021	8/4	

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
IV	2	III	Importance of Actual cost and normal cost. Merits and demerits Standard costs Absorption (full) costing Variable (direct) costing	09/04/2021	9/4	
III	3	III	Joint and by-product costing, meaning definition of joint product and by-product	15/04/2021	15/4	
IV	1	III	Difference between joint product and by-product	16/04/2021	16/4	
V	2	III	Job order costing meaning, merits	17/04/2021	17/4	
VI	2	III	Process costing & Activity-based costing	19/04/2021	19/4	
III	3	III	Life-cycle costing, Fixed and variable overhead expenses- Meaning and difference between the above	20/04/2021	20/4	
IV	1	III	Determination of allocation base - Allocation of service department costs	21/04/2021	21/4	
III	2	IV	Lean manufacturing – Introduction to the topic, merits & Demerits. Enterprise resource planning (ERP) - Theory of constraints and throughput costing	24/04/2021	24/4	
IV	2	IV	Capacity management and analysis - Value chain analysis	26/04/2021	26/4	
V	3	IV	Value-added concepts - process analysis - Activity-based management	27/04/2021	27/4	
VI	1	IV	Continuous improvement concepts, Best practice analysis, Cost of quality analysis, Efficient accounting processe	28/04/2021	28/4	
III	2	V	Internal control structure and management philosophy, Internal control policies for safeguarding and assurance, Internal control risk	29/04/2021	29/4	
IV	2	V	Corporate governance External audit requirements,Systems controls and security measures	30/04/2021	30/4	
III	3		MODEL EXAM	05/05/2021		
IV	1		MODEL EXAM	06/05/2021		
V	2		MODEL EXAM	07/05/2021		
VI	2		MODEL EXAM	08/05/2021		
III	3		MODEL EXAM	10/05/2021		
IV	1	I	Revision	11/05/2021	11/5	
III	2	II	Revision	14/05/2021	14/5	
IV	2	III	Revision	15/05/2021	15/5	
V	3	III	Revision	17/05/2021	17/5	
VI	1	IV	Revision	18/05/2021	18/5	

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
III	2	V	Revision	21/05/2021	21/5	
IV	2		SEMIANR BY STUDENTS	22/05/2021	22/5	
V	3		SEMIANR BY STUDENTS	24/05/2021	24/5	
VI	1		SEMIANR BY STUDENTS	25/05/2021	25/5	
III	2		SEMIANR BY STUDENTS	28/05/2021	28/5	
IV	2		SEMIANR BY STUDENTS	29/05/2021	29/5	
V	3		SEMIANR BY STUDENTS	31/05/2021	31/5	
VI	1		SEMIANR BY STUDENTS	1/06/2021	1/6	
III	2		SEMIANR BY STUDENTS	4/06/2021	4/6	
IV	2		SEMIANR BY STUDENTS	5/06/2021	5/6	

Along with the above the following activities are also to be planned and included:

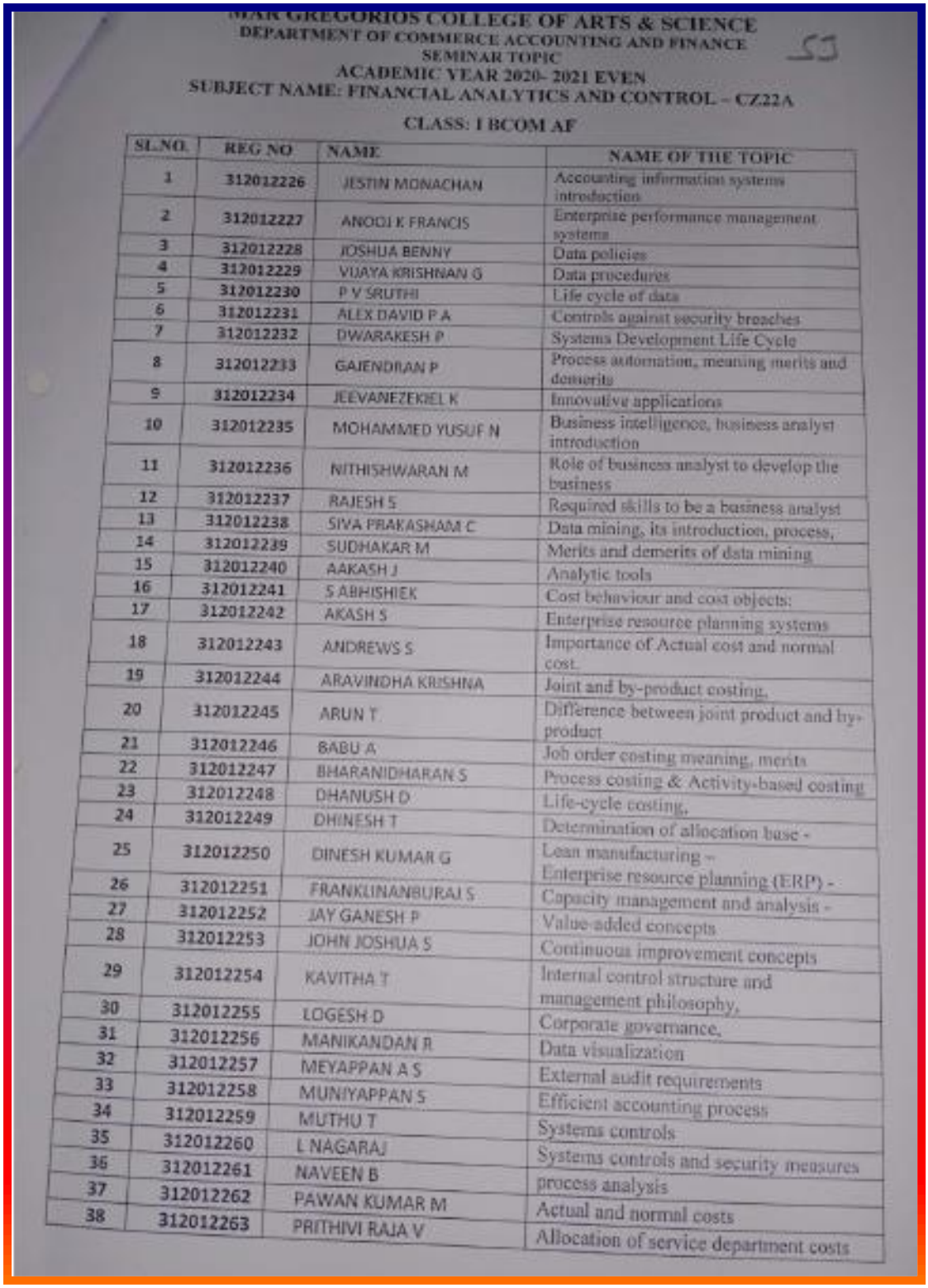
Activity name	No. of activities per semester	Details
• Tutorial		
• Assignments	1	Unit I & II I Internal
• Unit Test	2	Unit III & IV II Internal
• Model Exams	1	All 5 units

Co-curricular activities

Program Name	No. of Programs Planned	Subject Nature of the Program
• Guest Lectures	2	• SUPPLY CHAIN MANAGEMENT • BUSINESS INTELLIGENCE
• Seminars by students	50	
• Industrial Visits	–	
• Others (Please specify the subject nature of the program)	–	

Faculty in-charge

HOD



MAR GREGORIOS COLLEGE OF ARTS & SCIENCE
DEPARTMENT OF COMMERCE ACCOUNTING AND FINANCE
SEMINAR TOPIC
ACADEMIC YEAR 2020- 2021 EVEN
SUBJECT NAME: FINANCIAL ANALYTICS AND CONTROL – CZ22A

CLASS: I BCOM AF

SL.NO.	REG NO	NAME	NAME OF THE TOPIC
1	312012226	JESTIN MONACHAN	Accounting information systems introduction
2	312012227	ANOOJ K FRANCIS	Enterprise performance management systems
3	312012228	JOSHUA BENNY	Data policies
4	312012229	VIJAYA KRISHNAN G	Data procedures
5	312012230	P V SRUTHI	Life cycle of data
6	312012231	ALEX DAVID P A	Controls against security breaches
7	312012232	DWARAKESH P	Systems Development Life Cycle
8	312012233	GAJENDRAN P	Process automation, meaning merits and demerits
9	312012234	JEEVANEZEKIEL K	Innovative applications
10	312012235	MOHAMMED YUSUF N	Business intelligence, business analyst introduction
11	312012236	NITHISHWARAN M	Role of business analyst to develop the business
12	312012237	RAJESH S	Required skills to be a business analyst
13	312012238	SIVA PRAKASHAM C	Data mining, its introduction, process,
14	312012239	SUDHAKAR M	Merits and demerits of data mining
15	312012240	AAKASH J	Analytic tools
16	312012241	S ABHISHIEK	Cost behaviour and cost objects:
17	312012242	AKASH S	Enterprise resource planning systems
18	312012243	ANDREWS S	Importance of Actual cost and normal cost.
19	312012244	ARAVINDHA KRISHNA	Joint and by-product costing,
20	312012245	ARUN T	Difference between joint product and by-product
21	312012246	BABU A	Job order costing meaning, merits
22	312012247	BHARANIDHARAN S	Process costing & Activity-based costing
23	312012248	DHANUSH D	Life-cycle costing,
24	312012249	DHINESH T	Determination of allocation base -
25	312012250	DINESH KUMAR G	Lean manufacturing – Enterprise resource planning (ERP) -
26	312012251	FRANKLINANBURAJ S	Capacity management and analysis -
27	312012252	JAY GANESH P	Value-added concepts
28	312012253	JOHN JOSHUA S	Continuous improvement concepts
29	312012254	KAVITHA T	Internal control structure and management philosophy,
30	312012255	LOGESH D	Corporate governance,
31	312012256	MANIKANDAN R	Data visualization
32	312012257	MEYAPPAN A S	External audit requirements
33	312012258	MUNIYAPPAN S	Efficient accounting process
34	312012259	MUTHU T	Systems controls
35	312012260	L NAGARAJ	Systems controls and security measures
36	312012261	NAVEEN B	process analysis
37	312012262	PAWAN KUMAR M	Actual and normal costs
38	312012263	PRITHIVI RAJA V	Allocation of service department costs

39	312012264	RAJESH S	merits & Demerits of Lean Management
40	312012265	SAKTHIKUMAR U	Absorption (full) costing Variable (direct) costing
41	312012266	SANJAY KUMAR M	Merits and demerits Standard costs
42	312012267	SARAVANA V	process analysis
43	312012268	SATHISHKUMAR	Theory of constraints and throughput costing
44	312012269	SENTHILKUMAR D	Allocation of service department costs
45	312012270	SERAPHIN SAMUEL RAJ K L	Jointproduct and by-product Meaning and difference between the above
46	312012271	SHAILESH KUMAR R G	Value chain analysis
47	312012272	SRIRAM M	Joint and by-product costing
48	312012273	THARUNKUMAR K	Value-added concepts
49	312012274	VIGNESH G	Activity-based management
50	312012275	VIGNESH S	, Cost of quality analysis,
51	312012276	ANUGRAHA H	Fixed and variable overhead expenses-
52	312012277	ANUSIYA V	Internal control policies for safeguarding and assurance,
53	312012278	DEEPIKA V	Merits and demerits Standard costs
54	312012279	DHANALAKSHMI D	process analysis
55	312012280	DHARSHINI S	Best practice analysis,
56	312012281	DURGA DEVI A	Value chain analysis
57	312012282	HARINI R	Merits and demerits Standard costs
58	312012283	HARITHA V	merits & Demerits of Lean Management
59	312012284	HEMAPRIYA V	Absorption (full) costing Variable (direct) costing
60	312012285	KEERTHANA S	Merits and demerits Standard costs
61	312012286	KIRTHIKA V	process analysis
62	312012287	LAKSHANA G	Theory of constraints and throughput costing
63	312012288	MIDHU M B	Allocation of service department costs
64	312012289	PAVITHRA M	Jointproduct and by-product Meaning and difference between the above
65	312012290	RAGARANJANI R	Value chain analysis
66	312012291	SAI SATHYA PRIYA S	Joint and by-product costing
67	312012292	SARASWATHI R	Value-added concepts
68	312012293	SOUNDARYA R	Activity-based management
69	312012294	SOUNDHARYA R	merits & Demerits of Lean Management
70	312012295	SRI MAHA R	Systems Development Life Cycle

SUBJECT INCHARGE

HEAD OF THE DEPARTMENT

2019-2020

MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE
MOGAPPAIR WEST, CHENNAI - 600037

LESSON PLAN

Subject: ALLIED MATHEMATICS – I **Subject Code: SBAMM**
Academic Year: 2019 – 2020 **Semester:** I

Objective:

- Students gain knowledge about basic concepts of Algebra, Theory of Equations, Matrices, Trigonometry and Calculus.

Name of the Faculty: S. AROCKIYA PRINCEY

Theory Class:

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
I	2	I	Binomial series	17.6.19	17.06.19	
V	4	I	Exponential series	21.6.19	21.06.19	
VI	1	I	Exponential series	24.6.19	24.06.19	
I	2	I	Logarithmic series	25.6.19	25.06.19	
V	4	I	Logarithmic series	1.7.19	01.07.19	
VI	1	II	Symmetric Matrices	2.7.19	02.07.19	
I	2	II	Skew Symmetric Matrices	4.7.19	04.07.19	
V	4	II	Hermitian Matrices	10.7.19	10.07.19	
VI	1	II	Skew Hermitian Matrices	11.7.19	11.07.19	
I	2	II	Orthogonal Matrices	12.7.19	12.07.19	
V	4	II	Unitary matrices	19.7.19	19.07.19	
VI	1	II	Eigen values	22.7.19	22.07.19	
I	2	II	Eigen Vectors	23.7.19	23.07.19	

MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE
MOGAPPAIR WEST, CHENNAI - 600037

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I	2	I	Logarithmic series	25.6.19	25.06.19	
V	4	I	Logarithmic series	1.7.19	01.07.19	
VI	1	II	Symmetric Matrices	2.7.19	02.07.19	
I	2	II	Skew Symmetric Matrices	4.7.19	04.07.19	
V	4	II	Hermitian Matrices	10.7.19	10.07.19	
VI	1	II	Skew Hermitian Matrices	11.7.19	11.07.19	
I	2	II	Orthogonal Matrices	12.7.19	12.07.19	
V	4	II	Unitary matrices	19.7.19	19.07.19	
VI	1	II	Eigen values	22.7.19	22.07.19	
I	2	II	Eigen Vectors	23.7.19	23.07.19	

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V	4	II	Eigen Vectors	29.7.19	29.07.19	
VI	1	II	Cayley - Hamilton Theorem	30.7.19	30.07.19	
I	2	II	Cayley - Hamilton Theorem	31.7.19	31.07.19	
V	4	II	Inverse Cayley - Hamilton Theorem	6.8.19	06.08.19	
VI	1	II	Inverse Cayley - Hamilton Theorem	7.8.19	07.08.19	
I	2	III	Polynomial equations with real coefficients	8.8.19	08.08.19	
V	4	III	Irrational roots & complex roots	16.8.19	16.08.19	
VI	1	III	symmetric functions of roots	19.8.19	19.08.19	
I	2	III	Transformation of equation by increasing or decreasing roots by a constant	20.8.19	20.08.19	
V	4	III	Reciprocal equations Type - 1	27.08.19	27.08.19	
VI	1	III	Reciprocal equations Type - 1	28.08.19	28.08.19	
I	2	III	Reciprocal equations Type - 2	29.8.19	29.08.19	
V	4	III	Reciprocal equations Type - 2	5.9.19	05.09.19	
VI	1	II	Reciprocal equations Type - 3	6.9.19	06.09.19	
I	2	II	Reciprocal equations Type - 3	9.9.19	09.09.19	
V	4	II	Reciprocal equations Type - 4	17.9.19	17.09.19	

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VI	1	III	Reciprocal equations Type - 4	18.9.19	18.09.19	
I	2	III	Revision	19.9.19	19.09.19	
V	4	III	Revision	24.9.19	24.09.19	
VI	1	III	Revision	25.9.19	25.09.19	
I	2	III	Revision	26.9.19	26.09.19	
V	4	III	Revision	1.10.19	01.10.19	
VI	1	III	Revision	3.10.19	03.10.19	
I	2	III	Revision	4.10.19	04.10.19	
V	4		Model exam	9.10.19	09.10.19	

Along with the above the following activities are also to be planned and included:

Activity name	No. of activities per semester	Details
• **Tutorial**		
• **Assignments**	1	Unit I → I Internal
• **Unit Test**	2	Unit II →II Internal
• **Model Exams**	1	All 5 units

Co-curricular activities

Program Name	No. of Programs Planned	Subject Nature of the Program
• **Guest Lectures**		

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MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE
MOGAPPAIR WEST, CHENNAI - 600037

LESSON PLAN

Subject: INTEGRAL CALCULUS **Subject Code: TAM3A**
Academic Year: 2019 – 2020 **Semester: III**

Objective: To know the concepts of Reduction formula, Beta Gamma functions, multiple integrals and vector calculus.

Name of the Faculty: S. KAVITHA

Theory Class:

Day Order	Period	Unit	Topics to be covered	Proposed Date	Actual Date	Remarks
I	4	I	Reduction formula of type $\int_0^{\frac{\pi}{2}} \sin^n x\, dx$	17.06.19	17/6	
II	4		$\int_0^{\frac{\pi}{2}} \cos^n x\, dx$	18.06.19	18/6	
III	4		$\int_0^{\frac{\pi}{2}} \sin^m x \cos^n x\, dx$	19.06.19	19/6	
IV	1		$\int_0^{\frac{\pi}{2}} \sin nx\, e^{ax}\, dx$	20.06.19	20/6	
V	5		$\int_0^{\frac{\pi}{2}} \cos nx\, e^{ax}\, dx$	21.06.19	21/6	
VI	1		$\int_0^{\frac{\pi}{2}} \sin ax\, x^n\, dx$	24.06.19	24/6	
I	4		$\int_0^{\frac{\pi}{2}} \cos ax\, x^n dx$	25.06.19	25/6	
II	4		$\int_0^{\frac{\pi}{2}} \log x\, x^n dx$	26.06.19	26/6	
III	4		$\int_0^{\frac{\pi}{2}} x^n\, e^{ax} dx$	27.06.19	27/6	
IV	1		$\int_0^{\frac{\pi}{4}} \tan^n x\, dx$	28.06.19	28/6	
V	5		$\int_0^{\frac{\pi}{4}} \cot^n x\, dx$	01.07.19	1/7	
VI	1		$\int \sec^n x\, dx$	02.07.19	2/7	
I	4		$\int \operatorname{cosec}^n x\, dx$	04.07.19	4/7	
II	4		Problems based on reduction formulae	05.07.19	5/7	
III	4		Problems based on reduction formulae	08.07.19	8/7	
IV	1		Problems based on reduction formulae	09.07.19	9/7	
V	5		Class test to be given	10.07.19	10/7	

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VI	1	II	Integration formulae	11.07.19	11/7
I	4		Introduction to double integrals	12.07.19	12/7
II	4		Some basic problems	16.07.19	16/7
III	4		Integration by parts	17.07.19	17/7
IV	1		Bernoulli's formula	18.07.19	18/7
V	5		Evaluation of the double integrals	19.07.19	19/7
VI	1		Double integrals in polar coordinates	22.07.19	22/7
I	4		Triple integrals	23.07.19	23/7
II	4		Applications of multiple integrals	24.07.19	24/7
III	4		Volumes of solids of revolution	25.07.19	25/7
IV	1		Areas of curved surfaces	26.07.19	26/7
V	5		Change of variables	29.07.19	29/7
VI	1		Jocobians	30.07.19	30/7
I	4		Problems	31.07.19	31/7
II	4		Problems	01.08.19	1/8
III	4		Problems	02.08.19	2/8
V	5		Revision to be given in unit-1 and 2	06.08.19	6/8
II	4		Class test to be given	09.08.19	9/8
III	4	III	Beta and Gamma functions	13.08.19	13/8
IV	1		Indefinite integral	14.08.19	14/8
V	5		Definitions	16.08.19	16/8
VI	1		Convergence of $\Gamma(n)$	19.08.19	19/8
I	4		Recurrence formula of Γ functions	20.08.19	20/8
II	4		Properties of –Beta function	21.08.19	21/8
III	4		Relation between Beta and Gamma functions	22.08.19	22/8
IV	1		Problems	26.08.19	26/8

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V	5		Problems	27.08.19	27/8	
VI	1		Problems	28.08.19	28/8	
I	4		Problems	29.08.19	29/8	
II	4		Problems	30.09.19	30/9	
III	4		Seminar to be given	03.09.19	3/9	
IV	1		Seminar to be given	04.09.19	4/9	
V	5		Seminar to be given	05.09.19	5/9	
I	4	IV	Scalar point function	09.09.19	9/9	
II	4		Vector point function	12.09.19	12/9	
III	4		Gradient of a scalar Divergence and curl of a vector	13.09.19	13/9	
IV	1		Directional derivatives	16.09.19	16/9	
V	5		Angle between two surfaces	17.09.19	17/9	
VI	1		Solenoidal vector Irrotational vector	18.09.19	18/9	
I	4		Properties of gradient	19.09.19	19/9	
II	4		Properties of divergence	20.09.19	20/9	
III	4		properties of Curl	21.09.19	21/9	
IV	1		Laplacian operator	23.09.19	23/9	
V	5		Problems using laplacian operator	24.09.19	24/9	
VI	1	V	Line integrals	25.09.19	25/9	
I	4		Surface integrals	26.09.19	26/9	
II	4		Volume integrals	27.09.19	27/9	
III	4		Gauss Divergence theorem	28.09.19	28/9	
IV	1		Green's theorem	30.09.19	30/9	
V	5		Problems	01.10.19	1/10	
VI	1		Stoke's theorem	03.10.19	3/10	

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I	4		Revision	04.10.19	4/10	

Along with the above the following activities are also to be planned and included:

Activity name	No. of activities per semester	Details
• Tutorial		
• Assignments	1	
• Unit Test	2	Unit I & II → I Internal Unit III & IV →II Internal
• Model Exams	1	All 5 units

Co-curricular activities

Program Name	No. of Programs Planned	Subject Nature of the Program
• Guest Lectures		
• Seminars by students	1	
• Industrial Visits		
• Others (Please specify the subject nature of the program)		

Faculty in-charge

T. N. Mehta
HOD

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Date : 16.6.17 (I)	Class : III Maths	No. of hours : 1
Subject : Algebraic Structures-I	Unit : I	Topic : Introduction to Groups.

Objective

* Syllabus given.
* Introduction about Functions, Relation are given.

Description

Functions or Mappings :- Let A and B be the non-empty sets. A function or a mapping 'f' from A into B is a rule which assigns to each element $a \in A$, a unique element $b \in B$.

If $f(a) = b$ then 'b' is called the image of 'a' and 'a' is called the pre-image of b.

Relation :- Let A and B be non-empty sets. A subset f of $A \times B$ is called a relation (or) a binary relation from A to B.

Conclusion

Examples for function and Relation ~~are given~~, will be made to understand the students.

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2018 - 19.

Date : 19.6.18 (II)	Class : III MATHS	Subject : TAM 5A
No. of Hrs. : 2 hrs	Unit : I	Topic : Group.

Objective

Definition for Group, egs and Elementary Properties

Description

A non empty set G together with a binary operation $* : G \times G \to G$ is called a group if the following conditions are satisfied.

i) $*$ is associative

$a*(b*c) = (a*b)*c$, $\forall\ a, b, c \in G$.

ii) $a*e = e*a = a$, $\forall\ a \in G$. e is called the identity element.

iii) $a*a' = a'*a = e$, a' is called the inverse of a.

Eg. $\mathbb{Z}$, $\mathbb{Q}$, $\mathbb{R}$ and $\mathbb{C}$ are groups under usual addition.

Theorem 1.

i) Let G be a group. Then the identity element of G is unique.

Conclusion

To be continued.

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IV

Date : 28/11/18	Class : III BCA	Subject : Web Technology
No. of Hrs. : 1	Unit : I	Topic : Datatypes

Objective

To explain the concept Data types in vbscript

Description

VBScript has only one datatype called variant

variant called collection of datatypes called Subtypes

A variant can contain either numeric or string information. It behave as numeric when numeric value is stored, & string when string is stored.

Other Datatypes

1. NULL – No valid data
2. Empty – uninitialized
3. Boolean – Logical value either True or False
4. Byte – contains integer from 0 to 255
5. Integer 6. Currency 7) Long 8) Single – Floating point number
9. String 10) Double 11) Date 12) Object
13) Error

Conclusion

Thus the concept Datatypes is explained

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Date : 27/11/18	Class : III BCA	Subject : E-COMMERCE
No. of Hrs. : 1	Unit : I	Topic : Background of EC

Objective

→ To study the background of electronic commerce environment and oppurtunities.

Description

→ Internet Change the way of doing bussiness.
→ past few yeas aussing has increasing 8% per month.
→ Business looking ways to increase profit and market value.
→ Development of money is one of the milestone.
→ Increasing and instead of money anustors exchanged disk of metal for materials.
→ Moved recntly papes money came inconve-niene in wins.
→ Even more recntly plastic money invented.
→ Search ends in electronic commerce.
→ Definition :- E-commerce is any purchasing or selling through an electronic communi cation medium.
→ Bussiness people see e-commerce as "wave for future".
→ Internet Based commerce and Web based commerce are sub disciplines of e-commerce.

Conclusion

→ Thus the concept is explained with suitable examples.

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DATE : 27/11/18 CLASS : II BCA SUBJECT : PROGRAMMING IN JAVA
NO OF HRS : 2 → SHARING ←

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Week: 1

Day order: I

Date: 18/6/18	Class: II BCA	No. of hours: 2
Subject: C++ and Data structures	Unit: I	Topic: Introduction

Objective

To provide Syllabus and introduction about the subject.

Description

Syllabus is provided to the students.

Introduction about Programming in C++ and Data structures to be discussed.

Software Crisis: - The following issues need to be addressed to face the Crisis.

→ How to represent real-life entities of problems in system design?

→ How to design systems with open interfaces?

→ How to ensure reusability and extensibility of modules?

→ How to develop modules that are tolerant to any changes in future?

Conclusion

→ How to improve software productivity and decrease Software cost?

→ How to improve the quality of software?

→ How to manage time schedules?

→ How to industrialize the software development process?

Thus Software Crisis were discussed.

Sign of lecturer: B. [signature]	Sign of HOD: [signature]

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2015 - 2016 Academic year.

2015 ODD SEMESTER.

NOTES OF LESSON.

DATE	CLASS	SUBJECT	TOPIC	DESCRIPTION.
15/6/15	I BCA	-	No class	
	I BCA	-	HTML	"
16/6/15	III BCA	-	Software Engineering	- syllabus, Time Table, Introduction to software Engineering
	III BCA	-	RDBMS Lab	- Program List, How to open, How to Save, Where to type, etc...
17/6/15	Staff orientation			
18/6/15 I	I BCA	-	No class	
	I BCA	-	HTML	No class
19/6/15 II	III BCA	-	Software Engineering	- Time table, syllabus, Introduction to software engineering.
	III BCA	-	RDBMS Lab	- Program List. where to type. How to open, how to save etc.
20/6/15	Leave.			

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ODD SEMESTER
(2017-2018)

DATE: 16:06:17 Class: III BCA No. of Hours: 1

Subject Name: Database Management System Unit: I

Topic :- Introduction to DBMS.

Objectives :- To know what is Database?
why it is used?
What it is Database Management System

Description :-

→ A database is a collection of data stored in a standardized format designed to be shared by multiple users.

→ A database Management System is a software that defines a database, stores the data, supports the query language, produces reports and creates data entries screens.

→ Query Language : language used to access database.

→ Reports : The result displayed on the screen or in printed format.

→ Data Entry Screen or Forms : input data.

Conclusion :- To Understand the purpose of database and Database Management Systems.

19/6/17

Date: 16:06:17 Class: I BCA No of Hours: 2
Subject Name: Fundamentals of Digital Computer - No classes -

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2016-2017

DATE	CLASS	SUBJECT	TOPIC	DESCRIPTION
01/08/16	III BCA	Visual programming	Lists	Whenever to present a list of choice to user, & restrict their choice to that list alone, list box can be used. Items in a list can be sorted in ASCII order by simply setting Sorting property
	II BCA	Microprocessors	BCD to HEX Conversion	program to convert BCD to HEX LXI SP, STACK LXI H, INBUF LXI B, OUTBUF MOV A, M CALL BCDBIN STAX B HLT
02/08/16	III BCA	Visual programming	List	properties are style. Manipulating the items on list are possible. Adding, Removing, clear method, list count, list index, Text property are available. columns & multiselect options thru.
	II BCA	Microprocessors	HEX to BCD Conversion	Function: This routine converts a BCD no to its HEX Input: A 2-digit packed BCD no in the ACC. Output: A binary number in the Accumulator. No other registers content are destroyed.

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