

**Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014**

**B. Sc (INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)**

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

SCHEME OF EXAMINATIONS

Sem.	Part	Course Code	Course Name	Credits	MARKS			Hrs. / Week	Exam. Duration (Hrs.)	Category	
					CA	TEE	TOTAL				
III	I	20300T	TAMIL III	3	25	75	100	5	3	THEORY	
III	I	20300H	HINDI III								
III	I	20300F	FRENCH III								
III	I	20300M	MALAYALAM III								
III	II	20300E	ENGLISH III	3	25	75	100	5	3	THEORY	
III	III	20312A	CORE: DATA STRUCTURES AND ALGORITHMS	3	25	75	100	4	3	THEORY	
III	III	20312B	CORE: PYTHON PROGRAMMING	3	25	75	100	3	3	THEORY	
III	III	20312P	CORE: PYTHON PROGRAMMING LAB	3	40	60	100	4	3	PRACTICAL	
III	III	20312C	ALLIED:COMPUTER BASED OPTIMIZATION TECHNIQUES	5	25	75	100	3	3	THEORY	
III	IV	20300A	ADVANCED TAMIL I	2	100	NA	100	2	3	THEORY	
III	IV	20300B	BASIC TAMIL I								
III	IV	20300N	NON MAJOR ELECTIVE I: PERSONALITY DEVELOPMENT AND SOFT SKILLS	2	40	60					
III	IV	20300G2	SKILL BASED SUBJECT: PROFESSIONAL COMMUNICATION	2	25	75	100	4	3	THEORY	
III	V	20312S	EXTENSION ACTIVITIES: NSS / COMPUTER AWARENESS PROGRAMME	1	Grade**				-		PRACTICAL
IV	I	20400T	TAMIL IV	3	25	75	100	5	3	THEORY	
IV	I	20400H	HINDI IV								
IV	I	20400F	FRENCH IV								
IV	I	20400M	MALAYALAM IV								

Bri) - 01
2020-21

G. R. Damodaran

**Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014**

**B. Sc (INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)**

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Sem.	Part	Course Code	Course Name	Credits	MARKS			Hrs. / Week	Exam. Duration (Hrs.)	Category
					CA	TEE	TOTAL			
IV	II	20400E	ENGLISH IV	3	25	75	100	5	3	THEORY
IV	III	20412K	Online Course/SWAYAM/NPTEL	3				4		
IV	III	20412A	CORE: FRAMEWORK TECHNOLOGY	3	25	75	100	3	3	THEORY
IV	III	20412B	ALLIED: EVENT MANAGEMENT	5	25	75	100	4	3	THEORY
IV	III	20412P	SKILL BASED SUBJECT: FRAMEWORK TECHNOLOGY AND RDBMS LAB	2	40	60	100	4	3	PRACTICAL
IV	IV	20400A	ADVANCED TAMIL II							
IV	IV	20400B	BASIC TAMIL II	2	100	NA	100	2	3	THEORY
IV	IV	20400N	NON MAJOR ELECTIVE II: BASICS IN BUSINESS PROCESS OUTSOURCING		40	60			3	THEORY
IV	IV	20400G1	VALUE EDUCATION: INDIAN SOCIETY, PEOPLE AND CULTURE	2	25	75	100	3	3	THEORY
V	III	20512A	CORE: VIRTUAL REALITY SYSTEMS	4	25	75	100	3	3	THEORY
V	III	20512B	CORE: COMPUTER NETWORKS	4	25	75	100	4	3	THEORY
V	III	20512C	CORE: OPERATING SYSTEMS	4	25	75	100	4	3	THEORY
V	III	20512D	CORE: PRINCIPLES OF SOFTWARE ENGINEERING	4	25	75	100	4	3	THEORY
V	III	20512E	CORE: OPEN SOURCE SOFTWARE	4	25	75	100	4	3	THEORY
V	III	20512K	Online Course/SWAYAM/NPTEL	4				4		
V	III	20512P	CORE: OPEN SOURCE SOFTWARE LAB	3	40	60	100	4	3	PRACTICAL
V	IV	20512F	SKILL BASED SUBJECT - APTITUDE *	2	25	75	100	3	3	PRACTICAL
VI	III	20612A	CORE: CYBER SECURITY	4	25	75	100	4	3	THEORY
VI	III	20612B	CORE: MOBILE APPLICATION DEVELOPMENT	3	25	75	100	4	3	THEORY
VI	III		ELECTIVE - I	4	25	75	100	4	3	THEORY

Brij-02
2020-21



**Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014**

**B. Sc (INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)**

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Sem.	Part	Course Code	Course Name	Credits	MARKS			Hrs. / Week	Exam. Duration (Hrs.)	Category
					CA	TEE	TOTAL			
VI	III	20612P	CORE: MOBILE APPLICATION DEVELOPMENT LAB	3	40	60	100	4	3	PRACTICAL
VI	III	20612S	CORE: PROJECT AND VIVA VOCE	7	25	75	100	12	-	PRACTICAL
VI	IV	20612C	SKILL BASED SUBJECT: SOFT SKILLS *	2	25	75	100	2	3	PRACTICAL
			TOTAL	140			4000	180		

Sem.	Part	Subject Code	Subject Name
			ELECTIVE I
VI	III	20612U1	ELECTIVE I: AUGMENTED REALITY
VI	III	20612U2	ELECTIVE I: DATA SCIENCE
VI	III	20612U3	ELECTIVE I: ARTIFICIAL INTELLIGENCE
VI	III	20612U4	ELECTIVE I: EMBEDDED SYSTEM AND ITS APPLICATIONS
VI	III	20612U5	ELECTIVE I: ENTERPRISE RESOURCE PLANNING
VI	III	20612U6	ELECTIVE I: MEDICAL TRANSCRIPTION

* Both CA and TEE marks will be evaluated internally. Basic Tamil/Advanced Tamil - 100 Marks CA only.
PROJECT AND VIVA VOCE

Marks split up:	Marks
I Project Review	10
II Project Review	15
Project Documentation	25
Viva Voce	50
Total	100 Marks

Online course: This can be availed by the students at anytime during that particular year of study. Students are expected to produce certificates

B VII - 03
2020-21



**Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014**

**B. Sc (INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)**

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

MAPPING OF COURSES WITH PROGRAMME OUTCOME LEVELS

Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
20112A	CORE: PROGRAMMING FUNDAMENTALS	3	1	2	3	3					2
20112P	CORE: PROGRAMMING LAB	3	3	3	3	3	2	2	2	2	3
20112B	ALLIED: MATHEMATICAL FOUNDATIONS FOR INFORMATION TECHNOLOGY			3							2
20212A	CORE: DIGITAL COMPUTER FUNDAMENTALS		2			1					1
20212B	ALLIED: NUMERICAL METHODS			3		1	2	2		2	1
20212P	SKILL BASED SUBJECT: JAVA PROGRAMMING LAB	3	3	3	3	3			2		3
20312A	CORE: DATA STRUCTURES AND ALGORITHMS	3		3	3	1					1
20312B	CORE: PYTHON PROGRAMMING	3	2	2	3	3	2				2
20312P	CORE: PYTHON PROGRAMMING LAB	3	3	3	3	3	2	2	2	2	3
20312C	ALLIED: COMPUTER BASED OPTIMIZATION TECHNIQUES			3		1					1
20412A	CORE: FRAMEWORK TECHNOLOGY	3	2		3	3	3			2	2
20412B	ALLIED: EVENT MANAGEMENT						3		3	3	1
20412P	SKILL BASED SUBJECT: FRAMEWORK TECHNOLOGY AND RDBMS LAB		3		3	3	2	2	2	2	3
20512A	CORE: VIRTUAL REALITY SYSTEMS				3	3	3	3	2	2	2
20512B	CORE: COMPUTER NETWORKS	3	3								
20512C	CORE: OPERATING SYSTEMS	3									
20512D	CORE: PRINCIPLES OF SOFTWARE ENGINEERING						2		2	3	1
20512E	CORE: OPEN SOURCE SOFTWARE	3	2		3	3					2
20512P	CORE: OPEN SOURCE SOFTWARE LAB	3	3		3	3	2	1	2	2	3
20512F	SKILL BASED SUBJECT - APTITUDE *						1		2	2	1
20612A	CORE: CYBER SECURITY	3	3					3			
20612B	CORE: MOBILE APPLICATION DEVELOPMENT	3	2		3	3		3		2	2

B.V.II - 04
2020-21



**Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014**

**B. Sc (INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)**

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	ELECTIVE I										
20612U1	ELECTIVE I: AUGMENTED REALITY	2	1	2	3	3	1	1	2	1	1
20612U2	ELECTIVE I: DATA SCIENCE	1	1	1	2	2	2	2	1	1	
20612U3	ELECTIVE I: ARTIFICIAL INTELLIGENCE			1	2	1		2	2	1	1
20612U4	ELECTIVE I: EMBEDDED SYSTEM AND ITS APPLICATIONS			3	3	3	3	2		2	2
20612U5	ELECTIVE I: ENTERPRISE RESOURCE PLANNING	2		2	3		3			3	2
20612U6	ELECTIVE I: MEDICAL TRANSCRIPTION	1	1	1	2	2	2	2	1	3	
20612P	CORE: MOBILE APPLICATION DEVELOPMENT LAB	3	3		3	3	2	3	2	2	3
20612S	CORE: PROJECT AND VIVA VOCE	3	2	2	3	3	1	1	2	1	2
20612C	SKILL BASED SUBJECT: SOFT SKILLS *						3		3	3	3

Indicators: 1. Reasonable 2. Significant 3. Strong



B VII -05
2020-21

BVI - 06

2020-21

Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014
B. Sc(INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)
EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Semester	Course Code	Course Title	Credits	Theory/ Practical	Problems %	Theory %
FOURTH	20412B	ALLIED: EVENT MANAGEMENT	5	Theory	-	100

Objective of the Course: To understand the process of planning, organizing and conducting variety of events successfully. It gives formal instructions and training to students to be future managers of the Event Industry and helps them to improve their technical proficiency to effectively adjust, grow and excel in the field of Event Management.

UNIT I:EVENT CONTEXT

(Teaching hours: 10)

History and evolution, events industry, impact analysis, participants and spectators, balancing impacts, Handling Unethical Behavior.

UNIT II:EVENT MARKETING

(Teaching hours: 10)

Event planning , pricing and promotion; volunteer team building; sourcing and managing staff Special events-types , traditional, cultural, Riviera, galas, mega-events, trade shows, exhibitions, conferences and conventions, end-to-end tours, excursions, out-door events, social events, seasonal events, environmental impacts, marketing plan; lead-generation, management and follow up, Case Study on Event Marketing.

UNIT III:EVENT PLANNING AND ADMINISTRATION

(Teaching hours: 10)

Sponsorships, screening, budget and controls, fund-raising, negotiation and contracts; role of Government, Negotiation and contracts; Promotional Items, give - aways, Event planning, space management, use of web technology , Develop In-Office and On-Site Ethics and Business Etiquette Policies.

UNIT IV:EVENT LOGISTICS

(Teaching hours: 10)

Transportation; booth/space design, internal communications, public relations, networking, media handling, checklists, safety and precautions, Other considerations-entertainment, photo/video coverage, prizes and gifts, risk assessment, safety and security arrangements, Venue and supplier checklist, Case Study on Event Logistics.

UNIT V:LOCATION AND EVENT DESIGN

(Teaching hours: 10)

Venue Essentials, Creative events concepts, tabletops , other décor props, understanding clients, fundraising galas, Conferences and Conventions, Incentives and Other Special Events, Event Planning Ethics and Etiquette, Protocol, Site selection, requirements and constraints, new venues, ancillaries and amenities, final touches.

Bvii) - 07
2020-21

Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014
B. Sc(INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)
EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Course Outcome mapping with Knowledge level

Course Outcome	CO Statement	Knowledge level
CO1	Event Context	K2, K3, K4
CO2	Event Marketing	K1, K2, K3, K4, K5
CO3	Event Planning and Administration	K1, K2, K3, K4, K5
CO4	Event Logistics	K4, K5
CO5	Location and Event Design	K1, K3, K4, K5

Note: K1- Remembering; K2 – Understanding; K3 – Applying; K4 – Analysing; K5 – Creating & Evaluating.

Course Outcome mapping with Programme outcome

Course outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1						1	1			
CO2				3		3		3	3	
CO3				3		3		3	3	
CO4								2		
CO5				3		3		2	3	

Indicators: 1. Reasonable 2. Significant 3.Strong

Text Books				
S.No.	Title	Author	Publishers	Publication Year & Edition
1	Event Management	Lynn, Brenda R. Carlos	Pearson	2004, Paperback
2	Event Planning Ethics and Etiquette: A Principled Approach to the Business of Special Event Management	Judy Allen	John Wiley & Sons Canada, Ltd	2010, Second edition
3	Festival and Special Event Management	Johnny Allen, William O'Toole , Robert Harris , Ian McDonnell	Wiley	2010, 5 th Edition
Reference Books				
S.No.	Title	Author	Publishers	Year of Publications
1	Special Events: A New Generation and the Next Frontier	Joe Goldblatt	John Wiley & Sons	2010, 6 th Edition

G. R. Damodaran

Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)

COIMBATORE - 641014

B. Sc(INFORMATION TECHNOLOGY)

(Under Choice Based Credit System)

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

BVI - 08

2020-21

2	Professional Event Coordination	Julia Rutherford Silvers	John Wiley & Sons Series	2016, Second Edition
3	The Event Marketing Handbook: Beyond Logistics & Planning	Allison Saget	CreateSpace Independent Publishing Platform	2012, Paperback

Pedagogy:Lecture, PPT presentation, Assignment, Group Discussion

Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)

COIMBATORE - 641014

B. Sc(INFORMATION TECHNOLOGY)

(Under Choice Based Credit System)

EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Bvi)-09

2020-21

Semester	Course Code	Course Title	Credits	Theory/ Practical	Problems %	Theory %
SIXTH	20612U6	ELECTIVE I: MEDICAL TRANSCRIPTION	4	Theory	-	100

Objective of the course: This course helps the students in identifying the basic elements of a medical diagnostic report. Also provides the information about common terms in the medical field and references related to the specialties of emergency room, physical medicine, radiology, and pathology.

Unit I: Introduction to Medical Transcription (Teaching Hours: 10)

Preliminaries of medical transcription - Understanding Medical Records - Ethics and Confidentiality - Legal aspects of Healthcare Records.

Unit II: Grammar, Sentence Structure and Punctuation (Teaching Hours: 10)

Working with Spelling and grammar - Sentence Formations - Practice Rules to remember when transcribing - Transcribing numbers and figures - Medical Abbreviations - Medical Terminologies.

Unit III: Format of Reports (Teaching Hours: 10)

Hospital Medical Reports - Clinical Medical Reports - Emergency Room report -History and Physical, Radiology Report.

Discharge summary -Insurance Reports - Operative reports - Consultation reports -Pathology report - Autopsy report.

Unit IV: Understanding Computer Usage (Teaching Hours: 10)

Internet Technologies: Web-Browsers

Word Processing Tools: Open Office - Organizing the Information - Proofreading and Editing - Basic Formatting Guidelines.

Unit V: Software Support for Medical Transcription (Teaching Hours: 10)

Case Study: Open Source Software for Medical Transcription - Speech to Text conversion software - Other related software for medical billing.

The nuts and bolts of working as an MT - Future of Medical Transcription

BVI - 10
2020-21

Dr G R DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS)
COIMBATORE - 641014
B. Sc(INFORMATION TECHNOLOGY)
(Under Choice Based Credit System)
EFFECTIVE FOR THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2020-2021

Course Outcome mapping with Knowledge level

Course Outcome	CO Statement	Knowledge level
CO1	Preliminaries of Medical Transcription	K1 & K2
CO2	Working with Grammar and Medical Terminologies	K2 & K3 & K5
CO3	Report Formats	K2 & K3 & K4 & K5
CO4	Usage of Computers in Medical Transcription	K2 & K3 & K5
CO5	Software Support for Medical Transcription	K2 & K3 & K5

Note: K1- Remembering; K2 – Understanding; K3 – Applying; K4 – Analysing; K5 – Creating & Evaluating.

Course Outcome mapping with Programme outcome

Course outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1		2		3	1	2		1	2	
CO2	2	2		3	2	2		1	2	1
CO3	1	2		3	2	2		1	2	1
CO4		3		1	2	1	1	2	2	2
CO5		3		1	2	1	1	2	2	2

Indicators: 1. Reasonable 2. Significant 3.Strong

Text Book				
S.No.	Title	Author	Publishers	Publication Year & Edition
1	The AAMT Book of Style for Medical Transcription	--	American Association for Medical Transcription	2005, Second
2	Medical Transcription for Dummies	Anne Martinez	Wiley Publishers	2012, First
3.	Web References			

Pedagogy:Lecture, PPT presentation, Demonstration, Assignment