

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

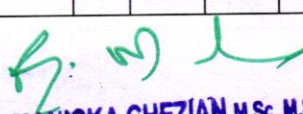
(AUTONOMOUS)

U.G DEPARTMENT OF COMPUTER APPLICATIONS

**UNDER CBCS PATTERN GUIDED BY UNIVERSITY AND TANSCH
(FOR THOSE WHO ADMITTED FROM THE ACADEMIC YEAR 2020-2023 BATCH AND ONWARDS)**

Part	Subject Code	Subject	Ins.Hour s Per Week	Exam				Credit
				Hours	CIA	ESE	Total	
SEMESTER I								
I	20 UTL 101	TAMIL - I	6	3	30	70	100	3
	20 UHN 101	HINDI - I						
II	20 UEN 101	ENGLISH - I	6	3	30	70	100	3
III	20 UBC 101	CORE I: PROGRAMMING IN C	4	3	30	70	100	4
	20 UBC 102	CORE II: DIGITAL COMPUTER FUNDAMENTALS	4	3	30	70	100	4
	20 UBC 1A1	ALLIED I: MATHEMATICS I - COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS	4	3	30	70	100	4
	20 UBC 103	LAB - I : PROGRAMMING IN C	4	3	20	30	50	2
IV	20 UHR 101	HUMAN RIGHTS	1	2	-	50	50	2
	20 HEC 101	HUMAN EXCELLENCE-PERSONAL VALUES & SKY YOGA PRACTICE-I	1	2	25	25	50	1
V	Extension Activity - List Attached - Annexure I		-					
TOTAL			30	-	195	455	650	23
SEMESTER II								
I	20 UTL 202	TAMIL - II	6	3	30	70	100	3
	20 UHN 202	HINDI - II						
II	20 UEN 202	ENGLISH - II	5	3	30	70	100	3
III	20 UBC 204	CORE III: OBJECT ORIENTED PROGRAMMING WITH 'C++'	4	3	30	70	100	4
	20 UBC 205	CORE IV: DATA STRUCTURES	4	3	30	70	100	4
	20 UBC 2A2	ALLIED II: MATHEMATICS II - MATHEMATICAL FOUNDATION OF COMPUTER APPLICATIONS	4	3	30	70	100	4
	20 UBC 206	LAB - II : PROGRAMMING IN C++	4	3	20	30	50	2
IV	20 EVS 201	ENVIRONMENTAL STUDIES	2	2	-	50	50	2
	20 HEC 202	HUMAN EXCELLENCE - FAMILY VALUES & SKY YOGA PRACTICE - II	1	2	25	25	50	1
V	Extension Activity - List Attached - Annexure I		-					
TOTAL			30	-	195	455	650	23
SEMESTER III								
Part	Subject Code	Subject	Ins.Hour s Per Week	Hours	CIA	ESE	Total	Credit
SEMESTER III								
	20 UBC 307	CORE V: RELATIONAL DATABASE MANAGEMENT SYSTEM AND ORACLE	5	3	30	70	100	4




Dr. R. MANICKA CHEZIAN M.Sc., M.S., Ph.D.,
PRINCIPAL i/c
 Nallamuthu Gounder Mahalingam College
 Pollachi - 642 001, Coimbatore District.

III	20 UBC 308	CORE VI: OPERATING SYSTEMS	5	3	30	70	100	4
	20 UBC 309	CORE VII: ORGANIZATIONAL BEHAVIOUR	4	3	30	70	100	3
	20 UBC 3A3	ALLIED III: ACCOUNTANCY FOR DECISION MAKING	5	3	30	70	100	4
	20 UBC 310	LAB - III : RELATIONAL DATABASE MANAGEMENT SYSTEM AND ORACLE	4	3	20	30	50	2
	20 UBC 311	LAB - IV: OPERATING SYSTEMS	4	3	20	30	50	2
	20 UBC 312	LAB - V: GRAPHICS	1	2	20	30	50	1
IV	20 HEC 303	HUMAN EXCELLENCE - PROFESSIONAL VALUES & SKY YOGA PRACTICE - III	1	2	25	25	50	1
	20 UBC 3N1 20 UBC 3N2	NON- MAJOR ELECTIVE I - WEB DESIGNING LAB NON- MAJOR ELECTIVE I -DESKTOP PUBLISHING LAB	1	2	-	50	50	2
V	Extension Activity - List Attached - Annexure I		-					
TOTAL			30	-	205	445	650	23
SEMESTER IV								
III	20 UBC 413	CORE VIII: WEB TECHNOLOGY	5	3	30	70	100	4
	20 UBC 414	CORE IX: COMPUTER SYSTEM ARCHITECTURE	5	3	30	70	100	4
	20 UBC 415	CORE X: SOFTWARE ENGINEERING	4	3	30	70	100	3
	20 UBC 4A4	ALLIED IV: MATHEMATICS III - COMPUTER BASED OPTIMIZATION TECHNIQUES	5	3	30	70	100	4
	20 UBC 416	LAB - VI: ASP.NET	4	3	20	30	50	2
	20 UBC 417	LAB - VII: PHP PROGRAMMING	4	3	20	30	50	2
	20 UBC 418	LAB - VIII: WEB DESIGNING	1	2	20	30	50	1
IV	20 HEC 404	HUMAN EXCELLENCE - SOCIAL VALUES & SKY YOGA PRACTICE - IV	1	2	25	25	50	1
	20 UBC 4N3 20 UBC 4N4	NON-MAJOR ELECTIVE II - PHOTO EFFECTS LAB NON MAJOR ELECTIVE II - ANIMATION LAB	1	2	-	50	50	2
V	Extension Activity - List Attached - Annexure I		-	-	-	50	50	1
TOTAL			30	-	205	495	700	24
SEMESTER V								
Par t	Subject Code	Subject	Ins.Hour s Per Week	Exam				Credit
				Hour s	CIA	ESE	Total	
SEMESTER V								
III	20 UBC 519	CORE XI: JAVA PROGRAMMING	4	3	30	70	100	3
	20 UBC 520	CORE XII: SOFTWARE TESTING	4	3	30	70	100	3
	20 UBC 5E1 20 UBC 5E2	ELECTIVE I	5	3	30	70	100	5
	20 UBC 5E3 20 UBC 5E4	ELECTIVE II	5	3	30	70	100	5
	20 UBC 521	LAB -IX: JAVA PROGRAMMING	5	3	20	30	50	2
	20 UBC 522	LAB - X: SOFTWARE TESTING	5	3	20	30	50	2



Dr. R. MANICKA CHEZIAN M.Sc., M.S., Ph.D.,
PRINCIPAL i/c
Nallamuthu Gounder Mahalingam College
Pollachi - 642 001, Coimbatore District,

IV	20 HEC 505	HUMAN EXCELLENCE - NATIONAL VALUES & SKY YOGA PRACTICE - V	1	2	25	25	50	1
	20 GKL 501	GENERAL KNOWLEDGE AND GENERAL AWARENESS	SS	2	-	50	50	2
	20 UBC 5S1 20 UBC 5S2 20 UBC 5S3	SKILL BASED MAJOR ELECTIVE I : MOBILE PHONE SERVICES INTERNET OF THINGS DESKTOP PUBLISHING LAB	1	2	-	50	50	2
TOTAL			30	-	185	465	650	25
SEMESTER VI								
III	20 UBC 623	CORE XIII: PYTHON PROGRAMMING	5	3	30	70	100	4
	20 UBC 624	CORE XIV: INFORMATION SECURITY	4	3	30	70	100	3
	20 UBC 625	CORE XV: MOBILE APPLICATION DEVELOPMENT	4	3	30	70	100	3
	20 UBC 6E5 20 UBC 6E6	ELECTIVE-III	5	3	30	70	100	5
	20 UBC 626	LAB -XI: PYTHON PROGRAMMING	5	3	20	30	50	2
	20 UBC 627	LAB - XII: MOBILE APPLICATION DEVELOPMENT	5	3	20	30	50	2
IV	20 HEC 606	HUMAN EXCELLENCE - GLOBAL VALUES & SKY YOGA PRACTICE - VI	1	2	25	25	50	1
	20 UBC 6S4 20 UBC 6S5 20 UBC 6S6	SKILL BASED MAJOR ELECTIVE II : CORPORATE SYSTEMS MULTIMEDIA AND ANIMATION PERSONALITY DEVELOPMENT SKILLS	1	2	-	50	50	2
	TOTAL			30	-	185	415	600
TOTAL			180	-	1170	2730	3900	140

ADD-ON COURSE: Mini Project	20 UBC 4D1		-	20	80	100	2
-----------------------------	------------	--	---	----	----	-----	---

*Note: List of Part - V subjects attached

LIST OF MAJOR ELECTIVE PAPERS

ELECTIVE -I	20 UBC 5E1 - NETWORKS
	20 UBC 5E2 - GRID COMPUTING
ELECTIVE -II	20 UBC 5E3 - STORAGE MANAGEMENT
	20 UBC 5E4 - CURRENT TRENDS AND TECHNOLOGIES
ELECTIVE - III	20 UBC 6E5 - DATA MINING AND WAREHOUSING
	20 UBC 6E6 - CLOUD COMPUTING



[Signature]
Dr. R. MANICKA CHEZIAN M.Sc., M.S., Ph.D.
 PRINCIPAL i/c
 Nallamuthu Gounder Mahalingam College
 Pollachi - 642 001, Coimbatore District.