

Department of Information Technology

Scheme of Examination

(2017-2020 Batch)

PART	SUBJECT CODE	SUBJECT TITLE	HOURS PER WEEK	EXAMINATION				CREDITS
				HRS	INT	EXT	TOTAL	
SEMESTER I								
I	17UTL101	Tamil - I	6	3	25	75	100	3
	17UHN101	Hindi - I						
	17UFR101	French - I						
II	17UEN101	English – I	5	3	25	75	100	3
		CORE PAPERS:						
III	17UIT101	Programming in 'C'	4	3	25	75	100	4
	17UIT102	Computer System Architecture	5	3	25	75	100	4
	17UIT103	Lab. I - Programming in 'C'	4	3	20	30	50	2
		ALLIED PAPERS:						
	17UIT1A1	Statistical Methods	4	3	25	75	100	4
IV	17UHR101	Human Rights	1	2		50	50	2
	17HEC101	Value Education : Human Excellence Course - Personal Values	1	2	25	25	50	1
	TOTAL		30				650	23
SEMESTER II								
I	17UTL202	Tamil – II	6	3	25	75	100	3
	17UHN202	Hindi – II						
	17UFR202	French – II						
II	17UEN202	English – II	5	3	25	75	100	3
		CORE PAPERS:						
III	17UIT204	Object Oriented Programming with Java	4	3	25	75	100	4
	17UIT205	Data Structures	4	3	25	75	100	4
	17UIT206	Lab. II - Programming in Java	4	3	20	30	50	2
		ALLIED PAPERS:						
	17UIT2A2	Mathematical Foundations for Computer Science	4	3	25	75	100	4
IV	17EVS201	Environmental Studies	2	2		50	50	2
	17HEC202	Value Education : Human Excellence Course - Family Values	1	2	25	25	50	1
	TOTAL		30				650	23

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

SEMESTER III								
		CORE PAPERS:						
III	17UIT307	Operating Systems	5	3	25	75	100	4
	17UIT308	Relational Database Management System	5	3	25	75	100	4
	17UIT309	Client/Server Computing	5	3	25	75	100	4
	17UIT310	Lab. III - RDBMS & Java (Front End)	5	3	40	60	100	3
	17UIT311	Lab. IV - HTML & DHTML (Self Study)	2	3	20	30	50	1
		ALLIED PAPERS:						
	17UIT3A3	Microprocessor And Assembly Language Programming	6	3	25	75	100	4
IV	17UIT3N1/ 17UIT3N2	Skill Based Non-Major- I [Computer Fundamentals / Internet Basics]	1	2		50	50	2
	17HEC303	Value Education: Human Excellence Course - Professional Values	1	2	25	25	50	1
	TOTAL		30				650	23
SEMESTER IV								
		CORE PAPERS:						
III	17UIT412	Computer Networks	5	3	25	75	100	4
	17UIT413	Advanced Java Programming	5	3	25	75	100	4
	17UIT414	C#.Net Programming	5	3	25	75	100	4
	17UIT415	Lab. V - Advanced Java Programming	4	3	40	60	100	2
	17UIT416	Lab. VI - Programming in C#. Net	4	3	20	30	50	2
		ALLIED PAPERS:						
	17UIT4A4	Software Engineering	5	3	25	75	100	4
IV	17UIT4N3/ 17UIT4N4	Skill Based Non-Major- II [Information Security/Hardware &Networking]	1	2		50	50	2
	17HEC404	Value Education: Human Excellence Course - Social Values	1	2	25	25	50	1
V	17UNC401/ 17UNS402/ 17USG403	Extension Activities (NCC, NSS, and Sports & Games)			50		50	1
	TOTAL		30				700	24


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

SEMESTER V								
III	17UIT517	Open Source Methodologies	5	3	25	75	100	4
	17UIT518	Mobile Computing	6	3	25	75	100	4
	17UIT519	Major Elective - I	6	3	25	75	100	5
	17UIT520	Lab. VII - Open Source Methodologies	5	3	40	60	100	3
	17UIT521	Lab. VIII - Software Testing Tools	5	3	40	60	100	3
IV	17GKL501	General Knowledge & General Awareness	SS	2		50	50	2
	17UIT5S1/ 17UIT5S2	Skill Based Major Elective - Lab. I Web Programming Lab. (PHP / JSP)	2	2		50	50	2
	17HEC505	Value Education: Human Excellence Course - National Values	1	2	25	25	50	1
	TOTAL		30				650	24
SEMESTER VI								
III	17UIT622	Computer Graphics	6	3	25	75	100	4
	17UIT623	Major Elective - II	5	3	25	75	100	4
	17UIT624	Major Elective - III	6	3	25	75	100	5
	17UIT625	Lab. IX - Graphics & Multimedia	5	3	40	60	100	3
	17UIT626	Project	5		20	80	100	4
IV	17UIT6S3/ 17UIT6S4	Skill Based Major Elective - Lab. II Web Programming Lab. (Java Script / ASP)	2	2		50	50	2
	17HEC606	Value Education: Human Excellence Course - Global Values	1	2	25	25	50	1
	TOTAL		30				600	23
			180				3900	140

List of Major Elective Papers V & VI Semesters only (can choose any one of the paper)

Elective I	A. Data Mining and Warehousing B. Cryptography & Network Security C. Embedded Systems
Elective II	A. Software Project Management B. Cloud Computing C. Digital Image Processing
Elective III	A. E-Commerce B. Multimedia Techniques C. Artificial Intelligence


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

Nallamuthu Gounder Mahalingam College(Autonomous),Pollachi
Bachelor of Information Technology

Programme Code:	B.Sc.	Programme Title:	Bachelor of Information Technology	
Course Code:	17UIT626	Title	Batch:	2017 - 2020
		Project	Semester:	VI
Hrs/Week:	5		Credits:	4

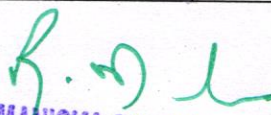
Course Objective

To learn depth knowledge about tools used in software development, web designing & web technologies and understand the usage of front end and back end tools.

Course Outcomes

K3	CO1	To analyze the system requirements of the application/software
K4	CO2	To apply various tools in real time applications/software
K5	CO3	To verify the developed application with the customer

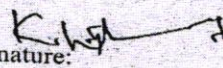
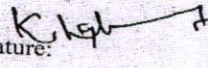
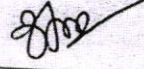
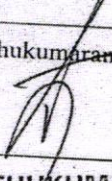
Content	Hrs
Using only the following Elective Tools Front end, Multimedia & Web based tools: 1. VB 2. Java / Advanced Java 3. ASP / JavaScript 4. PHP / JSP 5. C#.NET 6. HTML/DHTML 7. Flash Back end tools: 1. MySQL 2. Oracle 8i & above 3. MS Access 2007 4. SQL Server 2000 and Above	65
Total Contact Hrs	65


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

Mapping

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	H	H	S	S	S
CO3	M	S	S	S	S

S – Strong H – High M – Medium L – Low

Course Designed By	Verified by HOD	Checked By	Approved By
Name and Signature	Name with Signature	CDC	COE
Name: K.Vijayakumar Signature: 	Name: K.Vijayakumar Signature: 	Name: Dr. M. Durairaju Signature: 	Name: Dr.R.Muthukumaran Signature: 

K.VIJAYAKUMAR, MCA., M.Phil.,
Head, Dept. of Information Technology,
NGM College (Autonomous),
POLLACHI - 642 001.

Dr. M. DURAIRAJU, M.Sc., M.Phil., B.Ed., PGDGC, Ph.D.
Associate Professor / Co-ordinator,
Curriculum Development Cell (CDC),
NGM College (Autonomous),
Pollachi - 642 001.

Dr. R. MUTHUKUMARAN
Controller of Examinations
NGM College (Autonomous)
POLLACHI - 642 001.


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

Department of Information Technology
NGM COLLEGE
SCHEME OF EXAMINATION
UNDER CBCS PATTERN GUIDED BY UNIVERSITY AND TANSCH
(FOR THE STUDENTS ADMITTED FROM THE 2019-2022 BATCH)
OUTCOME BASED EDUCATION (OBE)

PART	SUBJECT CODE	SUBJECT TITLE	HOURS PER WEEK	EXAMINATION				CREDITS
				HRS	INT	EXT	TOTAL	
SEMESTER I								
I	19UTL101	Tamil – I	6	3	25	75	100	3
	19UHN101	Hindi – I						
	19UFR101	French – I						
II	19UEN101	English – I	5	3	25	75	100	3
		CORE PAPERS:						
III	19UIT101	Programming in 'C'	4	3	25	75	100	4
	19UIT102	Computer System Architecture	5	3	25	75	100	4
	19UIT103	Lab. I - Programming in 'C'	4	3	20	30	50	2
		ALLIED PAPERS:						
	19UIT1A1	Mathematics – I (Statistics)	4	3	25	75	100	4
IV	19UHR101	Human Rights	1	2		50	50	2
	19HEC101	Value Education : Human Excellence Course - Personal Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)						
	TOTAL		30				650	23
SEMESTER II								
I	19UTL202	Tamil – II	6	3	25	75	100	3
	19UHN202	Hindi – II						
	19UFR202	French – II						
II	19UEN202	English – II	5	3	25	75	100	3
		CORE PAPERS:						
III	19UIT204	Object Oriented Programming with Java	4	3	25	75	100	4
	19UIT205	Data Structures	4	3	25	75	100	4
	19UIT206	Lab. II - Programming in Java	4	3	20	30	50	2
		ALLIED PAPERS:						
	19UIT2A2	Mathematics – II (Discrete Mathematics)	4	3	25	75	100	4
IV	19EVS201	Environmental Studies	2	2		50	50	2
	19HEC202	Value Education : Human Excellence Course - Family Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)						
	TOTAL		30				650	23


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

			Hrs/ Week	HRS	INT	EXT	TOTAL	CREDITS
SEMESTER III								
		CORE PAPERS:						
III	19UIT307	Operating Systems	5	3	25	75	100	4
	19UIT308	Relational Database Management System	5	3	25	75	100	4
	19UIT309	Service Oriented Architecture	5	3	25	75	100	4
	19UIT310	Lab. III – RDBMS	4	3	40	60	100	2
	19UIT311	Lab. IV – Web Designing (HTML, CSS, JavaScript & Angular)	4	3	40	60	100	2
		ALLIED PAPERS:						
	19UIT3A3	Microprocessor and Assembly Language Programming	5	3	25	75	100	4
IV	19UIT3N1/ 19UIT3N2	Skill Based Non-Major- I (Social Networks / Hardware & Networking)	1	2		50	50	2
	19HEC303	Value Education: Human Excellence Course - Professional Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)						
	TOTAL		30				700	23
SEMESTER IV								
		CORE PAPERS:						
III	19UIT412	Data Communication and Networks	5	3	25	75	100	4
	19UIT413	Advanced Java Programming	5	3	25	75	100	4
	19UIT414	Visual Programming	5	3	25	75	100	4
	19UIT415	Lab. V -- Programming in Advanced Java	6	3	40	60	100	3
	19UIT416	Lab. VI - Visual Programming	2	3	20	30	50	2
		ALLIED PAPERS:						
	19UIT4A4	Software Engineering	5	3	25	75	100	4
IV	19UIT4N3/ 19UIT4N4	Skill Based Non-Major- II (Data Analytics / Computer Security)	1	2		50	50	2
	19HEC404	Value Education: Human Excellence Course - Social Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)				50	50	1
	TOTAL		30				700	25


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

			Hrs/ Week	HRS	INT	EXT	TOTAL	CREDITS
SEMESTER V								
III	19UIT517	Open Source Methodologies	6	3	25	75	100	4
	19UIT518	Information Security	6	3	25	75	100	4
	19UIT5E1/ 19UIT5E2/ 19UIT5E3	Major Elective - I	6	3	25	75	100	5
	19UIT519	Lab. VII - Open Source Methodologies	5	3	40	60	100	3
	19UIT520	Lab. VIII - Software Testing Tools	4	3	20	30	50	2
IV	19GKL501	General Knowledge & General Awareness (SBE) (Online)	SS	2	--	50	50	2
	19UIT5S1/ 19UIT5S2	Skill Based Major Elective - Lab. I Web Programming (Python / PHP)	2	2	--	50	50	2
	19HEC505	Value Education: Human Excellence Course - National Values	1	2	25	25	50	1
TOTAL			30				600	23
SEMESTER VI								
III	19UIT621	Computer Graphics	6	3	25	75	100	4
	19UIT6E4/ 19UIT6E5/ 19UIT6E6	Major Elective - II	6	3	25	75	100	5
	19UIT6E7/ 19UIT6E8/ 19UIT6E9	Major Elective - III	6	3	25	75	100	5
	19UIT622	Lab. IX - Graphics & Multimedia	5	3	40	60	100	3
	19UIT623	Project	4		20	80	100	3
	19UIT6S3/ 19UIT6S4	Skill Based Major Elective - Lab. II DTP Software (CorelDraw / Photoshop)	2	2	--	50	50	2
IV	19HEC606	Value Education: Human Excellence Course - Global Values	1	2	25	25	50	1
TOTAL			30				600	23
			180				3900	140


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

Annexure I: List of Part – V Subjects

S. No.	SUBJECT CODE	SUBJECTS
1	19UNC401	NCC
2	19UNS402	NSS
3	19USG403	Sports And Games
4	19URO404	Rotract Club
5	19URR405	Red Ribbon Club
6	19UYR406	Youth Red Cross
7	19UCA407	Consumer Awareness Club
8	19UED408	Entrepreneurship Development Cell
9	19UCR409	Center For Rural Development
10	19USS410	Student Guild Of Service
11	19UGS411	Green Society
12	19UEO412	Equal Opportunity Cell
13	19UFA413	Fine Arts Club

List of Major Elective courses V & VI Semesters only (CBCS method)

ELECTIVE	SEMESTER	SUBJECT CODE	SUBJECTS
I	V	19UIT5E1	Data Mining and Analytics
		19UIT5E2	Cloud Computing
		19UIT5E3	Digital Image Processing
II	VI	19UIT6E4	Embedded Systems
III		19UIT6E5	E-Commerce
		19UIT6E6	Artificial Intelligence
		19UIT6E7	Mobile Computing
		19UIT6E8	Software Project Management
		19UIT6E9	Multimedia Techniques


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

This Syllabus is passed under Board of Studies and approved by Academic Council 2019-2020

Programme Code:	B.Sc.	Programme Title:	Bachelor of Information Technology	
Course Code:	19UIT623	Title	Batch:	2019-2022
		Project	Semester:	VI
Hrs/Week:	4		Credits:	3

Course Objective

To learn depth knowledge about tools used in software development, web designing & web technologies and understand the usage of front end and back end tools.

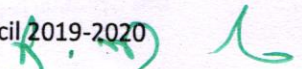
Course Outcomes

K3	CO1	To analyze the system requirements of the application/software
K4	CO2	To apply various tools in real time applications/software
K5	CO3	To verify the developed application with the customer

Content	Hrs
Using only the following Elective Tools Front end, Multimedia & Web based tools: 1. Java & Advanced Java 2. Angular & Javascript 3. PHP 5. C#.NET 6. HTML 5.0 7. Flash 8. Python Back end tools: 1. MySQL 2. Oracle 8i & above 3. MS Access 2007 4. SQL Server 2000 and Above	52
Total Contact Hrs	52

19UIT623

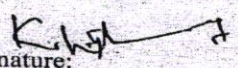
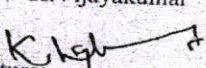
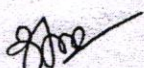
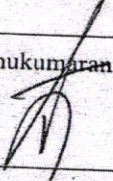
This Syllabus is passed under Board of Studies and approved by Academic Council 2019-2020


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

Mapping

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S
CO2	H	H	S	S	S
CO3	M	S	S	S	S

S – Strong H – High M – Medium L – Low

Course Designed By	Verified by HOD	Checked By	Approved By
Name and Signature	Name with Signature	CDC	COE
Name: K.Vijayakumar Signature: 	Name: K.Vijayakumar Signature: 	Name: Dr. M. Durairaju Signature: 	Name: Dr.R.Muthukumaran Signature: 

K.VIJAYAKUMAR, MCA., M.Phil.,
Head, Dept. of Information Technology,
NGM College (Autonomous),
POLLACHI - 642 001.

Dr. M. DURAIRAJU, M.Sc., M.Phil., B.Ed., PGDEC, Ph.D.
Associate Professor / Co-ordinator,
Curriculum Development Cell (CDC)
NGM College (Autonomous)
Pollachi - 642 001.

Dr. R. MUTHUKUMARAN
Controller of Examinations
NGM College (Autonomous)
POLLACHI - 642 001.


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

This Syllabus is passed under Board of Studies and approved by Academic Council 2019-2020

DEPARTMENT OF INFORMATION TECHNOLOGY

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

SCHEME OF EXAMINATION

UNDER CBCS PATTERN GUIDED BY UNIVERSITY AND TANSCH

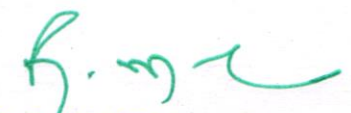
(FOR THE STUDENTS ADMITTED FROM THE 2020-2023 BATCH)

OUTCOME BASED EDUCATION (OBE)

PART	SUBJECT CODE	SUBJECT TITLE	HOURS PER WEEK	EXAMINATION				CREDITS
				EX. HRS	INT	EXT	TOTAL	
SEMESTER I								
I	20UTL101	Tamil – I	6	3	30	70	100	3
	20UHN101	Hindi – I						
	20UFR101	French – I						
II	20UEN101	English – I	5	3	30	70	100	3
		CORE PAPERS:						
III	20UIT101	Programming in 'C'	4	3	30	70	100	4
	20UIT102	Computer System Architecture	5	3	30	70	100	4
	20UIT103	Lab. I - Programming in 'C'	4	3	20	30	50	2
		ALLIED PAPERS:						
	20UIT1A1	Mathematics – I (Statistics)	4	3	30	70	100	4
IV	20UHR101	Human Rights	1	2	--	50	50	2
	20HEC101	Value Education : Human Excellence Course - Personal Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)						
	TOTAL		30				650	23
SEMESTER II								
I	20UTL202	Tamil – II	6	3	30	70	100	3
	20UHN202	Hindi – II						
	20UFR202	French – II						
II	20UEN202	English – II	5	3	30	70	100	3
		CORE PAPERS:						
III	20UIT204	Object Oriented Programming with Java	4	3	30	70	100	4
	20UIT205	Data Structures	4	3	30	70	100	4
	20UIT206	Lab. II - Programming in Java	4	3	20	30	50	2
		ALLIED PAPERS:						
	20UIT2A2	Mathematics – II (Discrete Mathematics)	4	3	30	70	100	4
IV	20EVS201	Environmental Studies	2	2	--	50	50	2
	20HEC202	Value Education : Human Excellence Course - Family Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)						
	TOTAL		30				650	23

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

PART	SUBJECT CODE	SUBJECT TITLE	Hrs/ Week	EX. HRS	INT	EXT	TOTAL	CREDITS
SEMESTER III								
III		CORE PAPERS:						
	20UIT307	Operating Systems	5	3	30	70	100	4
	20UIT308	Relational Database Management System	5	3	30	70	100	4
	20UIT309	Service Oriented Architecture	5	3	30	70	100	4
	20UIT310	Lab. III – RDBMS	4	3	40	60	100	2
	20UIT311	Lab. IV – Web Designing (HTML, CSS, JavaScript & Angular)	4	3	40	60	100	2
IV		ALLIED PAPERS:						
	20UIT3A3	Microprocessor and Assembly Language Programming	5	3	30	70	100	4
	20UIT3N1/ 20UIT3N2	Skill Based Non-Major- I (Social Networks / Hardware & Networking)	1	2	--	50	50	2
	20HEC303	Value Education: Human Excellence Course - Professional Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)						
		MOOC Course I [Extra Credit]	-	-	-	-	-	2
	TOTAL		30				700	23
SEMESTER IV								
III		CORE PAPERS:						
	20UIT412	Data Communication and Networks	5	3	30	70	100	4
	20UIT413	Advanced Java Programming	5	3	30	70	100	4
	20UIT414	Visual Programming	5	3	30	70	100	4
	20UIT415	Lab. V – Programming in Advanced Java	6	3	40	60	100	3
	20UIT416	Lab. VI - Visual Programming	2	3	20	30	50	2
		Project Internship	-	-	10	-	-	-
IV		ALLIED PAPERS:						
	20UIT4A4	Software Engineering	5	3	30	70	100	4
	20UIT4N3/ 20UIT4N4	Skill Based Non-Major- II (Data Analytics / Computer Security)	1	2	--	50	50	2
	20HEC404	Value Education: Human Excellence Course - Social Values	1	2	25	25	50	1
V		Extension Activities (See Annexure – I)			--	50	50	1
	TOTAL		30				700	25


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

PART	SUBJECT CODE	SUBJECT TITLE	Hrs/ Week	EX. HRS	INT	EXT	TOTAL	CREDITS
SEMESTER V								
III	20UIT517	Open Source Methodologies	6	3	30	70	100	4
	20UIT518	Information Security	6	3	30	70	100	4
	20UIT5E1/ 20UIT5E2/ 20UIT5E3	Major Elective - I	6	3	30	70	100	5
	20UIT519	Lab. VII - Open Source Methodologies	5	3	40	60	100	3
	20UIT520	Lab. VIII - Software Testing Tools	4	3	20	30	50	2
IV	20GKL501	General Knowledge & General Awareness (SBE) (Online)	SS	2	--	50	50	2
	20UIT5S1/ 20UIT5S2	Skill Based Major Elective - Lab. I Web Programming (Python / PHP)	2	2	--	50	50	2
	20HEC505	Value Education: Human Excellence Course - National Values	1	2	25	25	50	1
V		MOOC Course II [Extra Credit]	-	-	-	-	-	2
	TOTAL		30				600	23
SEMESTER VI								
III	20UIT621	Computer Graphics	6	3	30	70	100	4
	20UIT6E4/ 20UIT6E5/ 20UIT6E6	Major Elective - II	6	3	30	70	100	5
	20UIT6E7/ 20UIT6E8/ 20UIT6E9	Major Elective - III	6	3	30	70	100	5
	20UIT622	Lab. IX - Graphics & Multimedia	5	3	40	60	100	3
	20UIT623	Project	4	--	30	70	100	3
IV	20UIT6S3/ 20UIT6S4	Skill Based Major Elective - Lab. II DTP Software (CorelDraw / Photoshop)	2	2	--	50	50	2
	20HEC606	Value Education: Human Excellence Course - Global Values	1	2	25	25	50	1
	TOTAL		30				600	23
			180				3900	140


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

Annexure I: List of Part – V Subjects

S. No.	SUBJECT CODE	SUBJECTS
1	20UNC401	NCC
2	20UNS402	NSS
3	20USG403	Sports And Games
4	20URO404	Rotract Club
5	20URR405	Red Ribbon Club
6	20UYR406	Youth Red Cross
7	20UCA407	Consumer Awareness Club
8	20UED408	Entrepreneurship Development Cell
9	20UCR409	Center For Rural Development
10	20USS410	Student Guild Of Service
11	20UGS411	Green Society
12	20UEO412	Equal Opportunity Cell
13	20UFA413	Fine Arts Club

List of Major Elective courses V & VI Semesters only (CBCS method)

ELECTIVE	SEMESTER	SUBJECT CODE	SUBJECTS
I	V	20UIT5E1	Data Mining and Analytics
		20UIT5E2	Cloud Computing
		20UIT5E3	Digital Image Processing
II	VI	20UIT6E4	Embedded Systems
		20UIT6E5	E-Commerce
20UIT6E6		Artificial Intelligence	
20UIT6E7		Mobile Computing	
III		20UIT6E8	Software Project Management
		20UIT6E9	Multimedia Techniques


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

Nallamuthu Gounder Mahalingam College (Autonomous)

Pollachi

Bachelor of Information Technology

Programme Code:	B.Sc.	Programme Title:	Bachelor of Information Technology	
Course Code:	20UIT623	Title	Batch:	2020 - 2023
		Project	Semester:	VI
Hrs/Week:	4		Credits:	3

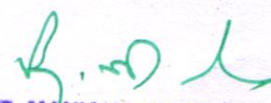
Course Objective

To learn depth knowledge about tools used in software development, web designing & web technologies and understand the usage of front end and back end tools.

Course Outcomes

K3	CO1	To analyze the system requirements of the application/software
K4	CO2	To apply various tools in real time applications/software
K5	CO3	To verify the developed application with the customer

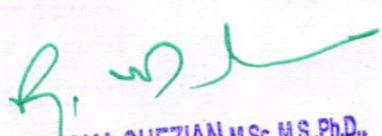
Content	Hrs
Using only the following Elective Tools Front end, Multimedia & Web based tools: 1. Java & Advanced Java 2. Angular & Javascript 3. PHP 5. C#.NET 6. HTML 5.0 7. Flash 8. Python Back end tools: 1. MySQL 2. Oracle 8i & above 3. MS Access 2007 4. SQL Server 2000 and Above • Internship (System Study) starts from fourth semester.	52
Total Contact Hrs	52


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

Mapping

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	3
CO3	2	3	3	3	3

Low - 1, Medium - 2, High - 3


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