



# A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' Grade by NAAC(Cycle-III)

Nagapattinam -611 001

TamilNadu.



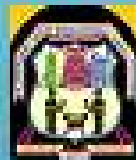
## 1.3.2 TRANSFERABLE AND LIFE SKILLS

### DEPARTMENT OF HISTORY

#### A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

*(Affiliated to Bharathidasan University, Trichirapalli)  
(Nationally Accredited with 'A' Grade by NAAC- 3rd Cycle)*

#### NAGAPATTINAM



#### DEPARTMENT OF HISTORY

*Offers*

#### VALUE ADDED COURSE

2021-2022

*On*

INTRODUCTION TO CIVIL SERVICES

*To*

**III B.A History 2019-22 Batch]**

**Mrs. R. Alamelu**

Head of the Department

**Dr. R. Anbuselvi**

Principal

## VALUE ADDED COURSE

<b>Semester-V / Value Added Course</b>	<b>INTRODUCTION TO CIVIL SERVICES</b>	<b>Course Code: -</b>
<b>Instruction Hours: 30</b>	<b>Credits: 2</b>	<b>Exam Hours: 3</b>
<b>Internal Marks -25</b>	<b>External Marks-75</b>	<b>Total Marks: 100</b>

### Course Objectives:

- To Understand the Role of Bureaucracy.
- To Study the origin and growth of Civil Service in India.
- To know the Recruitment Process in Civil Service.
- To familiar with Examination Pattern for Civil Service Examination.
- To acquire knowledge on Role of Ethics in Civil Service.

<b>Unit I</b>	<b>Indian Civil Service:</b> Definition-Evaluation of Civil Service under British-Bureaucracy – Categories of Bureaucracy through the ages.	<b>6 Hrs</b>
<b>Unit II</b>	<b>Recruitment under British:</b> Indian Civil Services – classification of services and Posts –Provincial civil services – Selection of mode.	<b>6 Hrs</b>
<b>Unit III</b>	<b>All India Services and Recruitment:</b> IAS, IPS, IFS, IRS- the Features- Union Public Service Commission –Scheme and Subject for the Preliminary and Main Examination – Interview - In service training for IAS.	<b>6 Hrs</b>
<b>Unit IV</b>	<b>Tamilnadu State Services:</b> TNPSC –Syllabus- Scheme and Examination- Interview.	<b>6 Hrs</b>
<b>Unit V</b>	<b>Role of Ethics in Civil Service:</b> Self Discipline – Communication skills – Moral responsibilities – Implementation of rule of Law.	<b>6 Hrs</b>

**Reference Books:**

1. Dr. B.L. Fadia & Dr. Kuldeep Fadia, Elements of Public Administration, Sahiya Bhavan Publications, Agra, 2005.
2. Dr. B.L. Fadia, Administration Theory, Sahiya Bhavan Publications, Agra, 2005.
3. Vishnu Bhagavan, Vidhya Bhushan, Indian Administration, S.Chand & co, Ltd, New Delhi, 4th ed, 2005.

**e- Resources:**

1. <http://www.allindiaservices/gov.in>
2. <http://www.india.positionclass.in>

**Course Outcomes:**

On completion of the course the learner will be able to

CO 1:	The Students will be able to attend the Civil Service Examination.
CO 2:	Gain Knowledge on Classification of Services
CO 3:	Acquire Knowledge on All India Services.
CO 4:	Earn knowledge on State Services.
CO 5:	Develop Communication skills.

**DEPARTMENT OF HISTORY**  
**INTRODUCTION TO CIVIL SERVICES- ODD SEMESTER**

S..NO	REG. NO	NAME
1.	19UH001	R.INDUJA
2.	19UH002	S.SURUTHIKA
3.	19UH003	R.JOTHIKA
4.	19UH004	A.SELVI
5.	19UH005	S.KERTHANA
6.	19UH006	S.SANTHIYA
7.	19UH007	P.PRIYA
8.	19UH008	R.SAKTHISWARI
9.	19UH009	A.SAROJINI
10.	19UH010	P.SOBIYA
11.	19UH011	A.SWETHA
12.	19UH012	J.KAVIMALAR
13.	19UH013	M.SOWMIYA
14.	19UH014	L.JOYBA
15.	19UH015	V.MEENA
16.	19UH016	I.ROFINA SHEEBA
17.	19UH017	R.SATHYA
18.	19UH018	A.KAYALVIZHI
19.	19UH019	S.SNEKA
20.	19UH020	K.JENISHA
21.	19UH022	S.SEWANTHI
22.	19UH024	A.UMAVATHI
23.	19UH025	S.BHUVANESHWARI
24.	19UH028	S.GOKILA
25.	19UH029	V.KALAISELVI
26.	19UH030	V.VAISHALI
27.	19UH033	B.FATHIMA RASOOL
28.	19UH034	M.RAMA DEVI

29.	19UH037	M.RAHAMONA
30.	19UH038	V.MAHALAKSHMI
31.	19UH039	B.SATHYA
32.	19UH042	G.VADIVAZHAKI
33.	19UH043	S.SARANYA
34.	19UH044	S.PADMA SHURUTHI
35.	19UH045	S.KOWSALYA
36.	19UH046	P.AROCKEYAMARY
37.	19UH047	G.NAGASHRI

## CERTIFICATE COURSE FOR ODD SEMESTER-2021-2022

### VALUE ADDED COURSE FROM 13.11.2021 TO 9.1.2022- 30 HOURS

S.No	Date/ Time	Name f the Staff in charge	Work done
1.	13.11.2021 (1.00-2.00)	Mrs S.Mala Assisstant Profeesor of History	Civil Service - Syllabus Introduction Meaning of Civil Service
2.	20.11.2021 (12.00.1.00)		Discuss of Public Administration
3.	4.12.2021 (10.00-12.00)		Classification of Civil Services
4.	11.12.2021 (10.00.12.00)		Bureaucracy – Meaning and Types
5.	11.12.2021 (2.00-3.00)		Books reference in Library
6.	6.1.2022 (10.00-1.00)		Scheme and Subject for the Preliminary and Main Examination
7.	6.1.2022 (2.00-4.00)		Group Discussion related UPSC Examination
8.	7.1.2022 (10.00-1.00)		All India Services- IAS, IPS, IFS, IRS
9.	7.1.2022 (2.00-4.00)		Training for All India Services
10.	8.1.2022 (10.00.1.00)		TNPSC- Group I, II, III, IV
11	8.1.2022 (2.00-4.00)		Revision for Previous Question Papers
12	9.1.2022 (10.00-1.00)		Seminar session

VALUE ADDED COURSES 2021 -2022

HISTORY



**A.D.M. COLLEGE FOR WOMEN  
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Nagapattinam 611 001.

**PG & RESEARCH DEPARTMENT OF HISTORY**

**ORGANIZES A  
VALUE ADDED COURSE  
ON**

**Introduction To Civil Service**

**Duration : 30 Hours**

**2021 - 2022**

**ALL ARE CARDIALLY INVITED**

## **CIVIL SERVICE EXAMINATION AND PERSONALITY DEVELOPMENT**

**INTERNAL:40**

**SEMESTER:V**

**EXTERNAL:60**

**EXAMHOURS: 3**

**CREDIT:2**

### **UNIT I**

**Indian Civil Service:** Definition-Evaluation of Civil Service under British-Bureaucracy – Categories of Bureaucracy through the ages.

### **UNIT II**

**Recruitment under British:** Indian Civil Services –classification of services and Posts – Provincial civil services – Selection of mode.

### **UNIT III**

**All India Services and Recruitment:** IAS, IPS, IFS, IRS- the Features- Union Public Service Commission –Scheme and Subject for the Preliminary and Main Examination – Interview - In service training for IAS.

### **UNIT IV**

**Tamilnadu State Services:** TNPSC –Syllabus- Scheme and Examination- Interview.

### **UNIT V**

**Personality Development:** Development of Inner self ability-Preparation for Interview- What do? – What not do?



## Reference Books

1. Dr. B.L. Fadia & Dr. Kuldeep Fadia, Elements of Public Administration, Sahiya Bhavan Publications, Agra, 2005.
2. Dr. B.L. Fadia, Administration Theory, Sahiya Bhavan Publications, Agra, 2005.
3. Vishnu Bhagavan, Vidhya Bhushan, Indian Administration, S.Chand & co, Ltd, New Delhi, 4th ed, 2005.
4. <http://www.allindiaservices.gov.in>.
5. <http://www.india.positionclass.in>

**DEPARTMENT OF HISTORY**  
**INTRODUCTION TO CIVIL SERVICES**

S.NO	REG. NO	NAME
1.	19UH001	R.INDUJA
2.	19UH002	S.SURUTHIKA
3.	19UH003	R.JOTHIKA
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26.	19UH030	V.VAISHALI
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29.	19UH037	M.RAHAMONA
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33.	19UH043	S.SARANYA
34.	19UH044	S.PADMA SHURUTHI
35.	19UH045	S.KOWSALYA
36.	19UH046	P.AROCKEYAMARY
37.	19UH047	G.NAGASHRI

**Certificate Course for Evensemester-2021-2022**  
**Value added course from 5.3.2022 to 7.5.2022- 30 Hours**

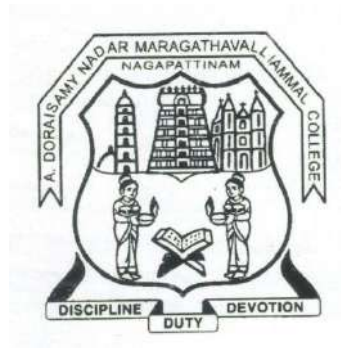
S.No	Date/ Time	Name f the Staff in charge	Work done
1.	5.3.2022 (10.00-12.00)	Mrs S.Mala Assisntant Profeesor of History	Civil Service - Syllabus Introduction Meaning of Civil Service
2.	12.3.2022 (10.00-12.00)		What is Public Administration? Discuss with Students
3.	19.3.2022 (10.00-12.00)		Classification of Civil Services Line Agency, Staff Agency
4.	26.3.2022 (10.00.12.00)		Bureaucracy – Meaning and Types
5.	9.4.2022 (10.00.12.00)		Books reference in Library
6.	30.4.2022 (10.00-12.00)		Scheme and Subject for the Preliminary and Main Examination
7.	30.4.2022 (2.00-4.00)		Group Discussion related UPSC Examination
8.	7.5.2022 (10.00-12.00)		All India Services- IAS, IPS, IFS, IRS- Training for All India Services
9.	7.5.2022 (2.00-4.00)		Interview Process

***A.D.M COLLEGE FOR WOMEN (AUTONOMOUS),***

**NAGAPATTINAM-611 001**

**(Nationally Re-accredited with 'A' Grade by NAAC- 3<sup>rd</sup> Cycle)**

**PG & RESEARCH DEPARTMENT OF ECONOMICS**



**Value Added Course**

**2021-2022**

**A.D.M.COLLEGE FOR WOMEN,(AUTONOMOUS),NAGAPATTINAM.**

**POST GRADUATE & RESEARCH DEPARTMENT OF ECONOMICS**

**CIRCULAR**

PG &Research Department of Economics Organize “**ECONOMICS OF INSURANCE**” Value Added course to our Department Students.Value Added Courses provide so many good opportunities for Students. Our department staff members handle this Value Added course from 13.10.2021 to 30.1.2022 at 10.00am to 12.00pm.All the students utilize this course.

**Dr.S.Rajeswari**

**HOD**

## **ECONOMICS OF INSURANCE**

### **Objectives**

1. To Make the Students to understand about the Functions, Types and Importance of Insurance.
2. To learn the students the Advantages Fundamental principles of life Insurance.

### **UNIT-1: INTRODUCTION TO INSURANCE**

Meaning and Definition of Insurance-Features of Insurance-Functions of Insurance- Types of Insurance-Fundamental Principles of Insurance-Importance of Insurance-General Insurance-Insurance and Economic Development.

### **UNIT-II :Life insurance and health Insurance**

Meaning and Definition of life insurance and health insurance-Types of Health insurance policies-Health insurance schemes in India-Features of Life Insurance –Advantages of Life insurance-Fundamental principles of life Insurance

### **Unit- III; Introduction to Risk Management**

Definition of Risk- Selection or Risk or Underwriting of Risk-Classification of Risk-Tools of the Risk-Risk Management Process-Determinations of Objectives.

### **Unit-IV: Legal Dimensions of Insurance and Growth of Insurance Business in India**

Introduction-The Insurance Act,1938-Life insurance, corporation Act,1956-General Insurance Business(Nationalisation)Act,1972-Consumer Protection Act,1986-Insurance Regulation and Development Authority(IRDA).

### **Unit-V: Insurance Marketing**

Introduction-Concept of Insurance Market-Marketing strategies of Insurance companies of Insurance Companies Benefits of Bank Assurance -steps in personal selling of Selling Process.

### **Text Books**

1. Periyasamy,P.(2005) principles and practices OF Insurance, ,Himalaya publications

**House, Mumbai**

**2. Boda , B.S.Garg M.Garg.M.C AND Singh K.R.(2004).Insurance Fundamentals, Environment Procedures, Deep and Deep publications Pvt Limited, New Delhi.**

**3. Muthy, A(2006),Elements of Insurance,Margham Publications, Chennai.**

## **References**

**1.Jyotsna sethi and Nishwan Bhatia,(2008),Elements of Banking and Insurance ,PHI Learning pvt Limited, New Delhi**

**2.Kanika MISHRA (2010),Fundamental of life insurance theories and Applications PHI Learning PVT Limited ,New Delhi**

**3. Emmett j.Vaughan and Therese Vaughan,(2007),Fundamental of RISK AND Insurance. Pasupati printers**



**Economics of Insurance**  
**2021-2022**

S.NO	DATE	Name	Topic	Students
1.	13.10.2021	Dr.V.Viji	Introduction of Insurance	III B.A Economics
2.	18.10.2021	Mrs.D.Savithiri	Principle of Insurance	III B.A Economics
3.	13.11.2021	Dr.S.Rajeswari	Fundamental of Insurance	III B.A Economics
4.	20.11.2021	Dr.V.Viji Dr.S.Usharani	Types of Insurance Selection or Risk or Underwriting	III B.A Economics
5.	4.12.2021	Mrs.P.kavitha Dr.R.L.Poonguzhali	Risk Management Process Selection Risk	III B.A Economics
6	11.12.2021	Dr.R.kasthuri Dr.R.L.Poonguzhali	Health Insurances Classification of Risk	III B.A Economics
7	18.12.2021	Dr.S.Usharani Dr.R.Kasthuri	General Insurance Life Insurance	III B.A Economics
8	6.12.2022	D.Savithiri	Insurance of Economic Development	III B.A Economics
9	7.1.2022	Dr.R.Kasthuri	Insurance marking	III B.A Economics
10	8.1.2022	Mrs .P.kavitha	Determination of Objectives	III B.A Economics
11	10.1.2022	Dr.P.Sujatha	Features of Insurances	III B.A Economics
12	11.1.2022	Mrs.P.kavitha	Tools of Risk	III B.A Economics
13	12.1.2022	Dr.R.I.Poonguzhali	Define & Types of Risk	III B.A Economics

14	19.1.2022	Dr.P.Sujatha	Functions of Insurances	III B.A Economics
15	20.1.2022	Dr.S.Usharani	Consumer Protection Act,1986	III B.A Economics
16	21.1.2022	Dr.R.kasthuri	Fundamental Principal	III B.A Economics
17	24.1.2022	Mrs.D.Savithiri	Insurance Act	III B.A Economics
18	25.1.2022	Dr.P.Sujatha	Types of Insurances	III B.A Economics
19	27.1.2022	Dr.S.Usharani	Functions of Commercial	III B.A Economics
20	28.1.2022	Dr.R.L.Poonguzhini	corporation Act,1956	III B.A Economics
21	29.1.2022	Dr.R.Kasthuri	Inflation	III B.A Economics
22	30.1.2022	Dr.S.Usharani	Deflation	III B.A Economics

**Value Added Course**  
**Economics of Insurance**  
**Name List-2021-2022**

S.NO	REG. NO	NAME
1	19UE001	V.AJITHA
2	19UE002	M.SUDHARSRI
3	19UE003	S.SATHYA
4	19UE004	M.SATHYA
5	19UE005	M.SANTHIYA
6	19UE006	T.KEERTHANA
7	19UE007	N.VISWAPRIYA
8	19UE008	B.ABIRAMI
9	19UE009	M.VINISHA
10	19UE012	K.NANTHEESWARI
11	19UE013	K.KAMAKIYA
12	19UE014	M.SOWMIYA
13	19UE016	M.MUTHALAZHI
14	19UE017	P.AGALYA
15	19UE018	M.MONIKA
16	19UE019	M.GUNASUNDARI
17	19UE020	A,ABINAYA
18	19UE021	V.SARIGA
19	19UE022	S.AARTHI
20	19UE023	K.SATHIYAPRIYA
21	19UE025	M.SANTHIYA
22	19UE026	M.ROSHINI
23	19UE027	B.BHUVANA
24	19UE028	T`THARSHINI
25	19UE029	R.BHUVANESWARI
26	19UE030	M.SNEGA
27	19UE031	S.AARTHI

28	19UE032	K.NIVETHA
29	19UE033	R.NARMATHA
30	19UE034	R.YOGADHARSHINI
31	19UE035	P.SELVANAYAGI
32	19UE036	ABI
33	19UE038	R.PUNITHAVATHI
34	19UE040	B,NITHYA
35	19UE042	R.MALINI
36	19UE044	S.PUNITHA
37	19UE045	R.KOWSHIKA

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**

**PG & RESEARCH DEPARTMENT OF ECONOMICS**

**SEMESTER V**

**VA I- ECONOMICS OF INSURANCE**

**UNIT I: Introduction to Insurance**

Meaning and Definition of Insurance- Features of Insurance -Functions of insurance – Types of Insurance –Fundamental Principles of Insurance- Importance of Insurance - General Insurance - Insurance and Economic Development.

**UNIT II Life Insurance and Health Insurance**

Meaning and Definition of Life insurance and Health Insurance- Types of Health Insurance Policies – Health Insurance schemes in India - Features of Life Insurance – Advantages of Life Insurance- Fundamental Principles of Life Insurance.

**UNIT III: Introduction to Risk Management**

Definition of Risk – Selection of Risk or Underwriting of Risk - Classification of risk - Tools of the Risk - Risk Management Process- Determination of Objectives.

**UNIT IV legal Dimensions of Insurance and Growth of Insurance Business in India**

Introduction- The Insurance Act, 1938 – Life Insurance Corporation Act , 1956 – General Insurance Business (Nationalisation) Act,1972 – Consumer Protection Act,1986 – Insurance Regulation and Development Authority(IRDA).

**UNIT V: Insurance Marketing**

Introduction - Concept of Insurance Market - Marketing Strategies of Insurance Companies - Benefits of Bank Assurance – Steps in Personal Selling or Selling Process.

**Text books:**

- 1.Periyasamy, P. (2005), Principles and Practice of Insurance, Himalaya Publishing House, Mumbai.
- 2.Bodla, B.S., Garg,M.C.and Singh K.R. (2004), Insurance, Fundamentals, Environment, Procedures , Deep and Deep Publications Pvt Limited, New Delhi.
- 3.Muthy,A (2006), Elements of Insurance, Margham Publications,Chennai.

**References:**

1. Jyotsna Sethi and Nishwan Bhatia, (2008), Elements of Banking and Insurance, PHI Learning Pvt Limited, New Delhi.
2. Kanika Mishra, (2010), Fundamental of Life Insurance Theories and Applications, PHI Learning Pvt Limited, New Delhi.
3. Emmett J. Vaughan and Therese Vaughan, (2007), Fundamentals of Risk and Insurance, Pasupathi Printers P.Ltd, New Delhi.
4. Dharmaraj, E. (2009), Elements of Insurance, SIMRES Publishers, Chennai.
5. Madhukar Pawar, R. (2012), Fundamentals of Insurance, Chandralok Prakashan, Kanpur.

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG & RESEARCH DEPARTMENT OF ECONOMICS**  
**VA II- BASICS OF ECONOMICS**

**UNIT I**

**MICRO ECONOMICS-** Meaning, Nature and scope of Economics-Concept of Demand and supply, Elasticity Concepts—Factors of production. Concepts of Costs and Revenue—Market structure- perfect and imperfect-Monopoly, Monopolist. Oligopoly.Duopoly.

**UNIT II**

**MACRO ECONOMICS-**National Income Concepts-GNP, NNP, GDP Methods of Calculation of National Income and Employment- Determinants of Consumption, Savings AND Investment.

**UNIT III**

**MONEY AND BANKING-**Concepts of Money—Commercial Banks and credit creation- Central Bank and its Functions.

**UNITIV**

**MONEY SUPPLY AND PRICE LEVEL-**Measures of money supply: Velocity of Money— Determination of Price Level-Inflation and Deflation-Causes and Remedies.

**UNITV**

**PUBLIC FINANCE-**Budget—Types of Budget—Direct and indirect tax-Development and Non—Development and Expenditure.

**BOOKE FOR STUDY**

1. Jhingan 2004, ML. Banking International Trade and finance and public Finance.ED&Vernda Publishers New Delhi.
2. Dutt, Ruddar and K.P.M.Sundaram 2005.Indian Economy .S.chand and CO.PVT LTD.New Delhi

## **BOOK FOR REFERENCE**

1. Lipsey.Richard, introduction to positive economics English language society and widen  
fold and Nicolson
2. Samuelson paulAmrithyasen and William D.Nordhaus 1998,Economics



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**NAGAPATTINAM-611001**



***PG & RESEARCH DEPARTMENT OF ECONOMICS***

**ORGANIZES A  
VALUE ADDED COURSE**

**BASICS OF ECONOMICS**

**2021- 2022**

**All are cordially invited**

**CERTIFICATE COURSE NAME LIST****2021-2022**

<b>PROGRAMME</b>	<b>S.NO</b>	<b>REG NO</b>	<b>NAME OF THE CANDIDATE</b>
<b>III B.A HISTORY</b>	1.	19UH003	JOTHIKA . R
	2.	19UH006	SANTHIYA . S
	3.	19UH005	KEERTHANA . S
	4.	19UH020	JENISHA . K
	5.	19UH022	SEWANTHI . S
	6.	19UH025	BHUVANESHWARI . S
	7.	19UH028	GOKILA . S
	8.	19UH030	VAISHALI . V
	9.	19UH034	RAMADEVI . M
	10.	19UH038	MAHALAKSHMI . V
	11.	19UH042	VADIVAZHAKI . G
	12.	19UC0102	KEERTHANA.R
	13.	19UC0110	NARMADHA.K
<b>III B.COM</b>	14.	19UC0111	BARANI CHITRA.S
	15.	19UC0119	LATHIKA.S
	16.	19UC0120	SANTHIYASURYA.S
	17.	19UC0121	ABISHEKA.B
	18.	19UC0123	NATHIYA.V
	19.	19UC0129	SUVETHA.E
	20.	19UC0132	KAVIYA.T
	21.	19UC0134	NANDHINI.R
<b>III B.A.,ENGLISH</b>	22.	19UEN104	SOWMIYA .V
	23.	19UEN107	ANIKA NILOFAR .J
	24.	19UEN108	FARENA FEROSE .A
	25.	19UEN110	RAIHANATHUL SARIYA .M
	26.	19UEN111	SAMEENA NASRIN .W
	27.	19UEN112	SUBHASHINI .N
	28.	19UEN113	INDHUMATHI .M

	29.	19UEN114	AAFIYA .A
	30.	19UEN115	AYSHA SHAMEERA .S
	31.	19UEN116	KALEESWARI .R
	32.	19UEN118	HASANA YASMEM .M
	33.	19UEN119	RASIKA .R
	34.	19UEN120	PRADHEEPA .R
	35.	19UEN122	SNEHA .P
	36.	19UEN123	JENCY .N
	37.	19UEN125	GAYATHRI .R.K
	38.	19UEN126	GANGA .M
	39.	19UEN128	SASIMITHA .S
	40.	19UEN129	HEMA .S
	41.	19UEN130	PADMAJAS
<b>III B.A.,TAMIL</b>	42.	19UTA101	VINUTHA .A
	43.	19UTA104	ABIRAMI .P
	44.	19UTA105	NITHYASRI .P
	45.	19UTA116	SIVARANJANI .M
	46.	19UTA122	SNEHA.M
	47.	19UTA123	SHIYAMALA
<b>III B.VOC MARINE</b>	48.	19VZ001	K.SANGAVI
	49.	19VZ002	R.DURGA
	50.	19VZ004	M.SUDHANDIRAVALLI
	51.	19VZ005	T.MUNIKA
	52.	19VZ006	B.PARKAVI
	53.	19VZ008	K.JOTHIKA

S.NO	DATE	TITLE	HANDLING STAFF MEMBERS	PARTICIPANTS
1.	26.02.22	<b>Basics of Economics</b>	Dr.S.Rajeswari	III B.SC.,Mathematics III B.A.,History
2.	05.03.22		Dr.V.VIJI	III B.SC.,Mathematics III B.A.,History
3.	12.03.22		Mrs.P.Kavitha	III B.SC.,Mathematics III B.A.,History
4.	19.03.22		Mrs.D.Savithiri	III B.SC.,Mathematics III B.A.,History
5.	26.03.22		Dr.R.Kasthuri	III B.SC.,Mathematics III B.A.,History
6	09.04.22		Dr.S.Usha rani	III B.SC.,Mathematics III B.A.,History
7	30.04.22		Dr.R.L.Poonguzhali	III B.SC.,Mathematics III B.A.,History
8	10.05.22		Dr.P.Sujatha	III B.SC.,Mathematics III B.A.,History

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**P.G. & RESEARCH DEPARTMENT OF COMMERCE**  
**For the Academic Year 2021 -2022**

**V SEMESTER – Value Added Course**  
**DISASTER MANAGEMENT**

**Maximum: 100 Marks**

**Instruction Hours: 30**

**Exam. Hours : 3**

**Objective:** To impart knowledge on various types of disasters and **its** efficient management.

**UNIT I**

**Introduction: Disaster** Management -Disaster- Meaning-importance of managing disasters- Plan for Disaster Management –Managing relief measures- Types of disaster. **6 Hrs.**

**UNIT II**

**Natural Disasters:** Natural Disasters – Types –Windstorms- Floods-Earthquakes-Avalanches –Tsunamis –Volcanic Eruptions-Global Warming–Forest fires – Insect swarms-Asteroid Impacts –Extreme Temperature **6 Hrs.**

**UNIT III**

**Man-made Disasters:** Accidental Disasters – Technological Hazards -Industrial hazards, structural collapse, power outage - fire– Hazardous Materials- Radiation – Social Disasters, Hijacking, Riots, Crowded Rushes -Political Disasters -Bombings, Shooting and hostages- Terrorism **6 Hrs.**

**UNIT IV**

**Managing the Disaster** -Disaster Management - Disaster Management at local level – Government’s role in Disaster Management – Role of Remote sensing-Components of disaster management-Key factors - Co-operation and Co-ordination- Managing disaster in Coastal areas **6 Hrs.**

**UNIT V**

**Impact of Disasters and Relief and Rehabilitation:** Psychological Impact of Disasters – Principles of Psychological intervention following disasters –Specific intervention techniques –Stress reduction techniques - Relief and Rehabilitation – Poverty reduction and Disaster Management – Effects of disasters in specific groups. **6 Hrs.**

**Books for reference:**

1. Mukesh Dhunna., Disaster Management, Vayu Education of India, 2/25, Ansari Road, Daryaganj, New Delhi-2
2. Dr. KumarasamyK., Environmental Studies. Jayam Publications,1- Post Office Street, Kajamalai, Tiruchirapalli -23

**Question Paper Pattern****Written Examination**

5 Questions to be answered (5 x 20 = 100 Marks)

Essay type questions with internal choice (Questions in “either / or” Model)

Choosing two Questions from each unit.

Maximum - 100 Marks (Passing Minimum 50 Marks)

External - 100 Marks (Passing Minimum 50 Marks)

Internal - Nil

**A.D.M. College for Women (Autonomous), Nagapattinam**  
**PG & Research Department of Commerce**  
**Value Added Course – Disaster Management**  
**III B.Com. (Aided) - 2021 - 2022 - Name List**

Sl. No.	Register No.	Name of the Student
1.	19UC001	S.SOWMIYA
2.	19UC002	S.BAVANI
3.	19UC003	G.BRINDHA DEVI
4.	19UC004	N.NANDHINI
5.	19UC005	D.HEMA
6.	19UC006	S.RAMYA
7.	19UC007	G.ABIRAMI
8.	19UC008	C.PRIYA
9.	19UC009	S.SANTHI
10.	19UC010	B.RESHMA
11.	19UC011	S.KANISHA DEVI
12.	19UC012	L.BALA SOWNDARI
13.	19UC013	K.MAHALAKSHMI
14.	19UC014	R.BRINDHA
15.	19UC015	P.JAYA PRIYA
16.	19UC016	K.DEVIKA
17.	19UC017	JOTHI PRIYA
18.	19UC018	C.BHUVANESWARI
19.	19UC019	N.ANGALESWARI
20.	19UC020	S.SUHAILA SHREEN
21.	19UC021	S.AHAMED NAFIYA
22.	19UC022	M.SOFIYA
23.	19UC023	D.SINDHU
24.	19UC024	M.THILAGAVATHY
25.	19UC025	H.DHANALAKSHMI
26.	19UC026	B.ARUNA DEVI
27.	19UC027	G.NOORUL IRFANA
28.	19UC028	H.RISVIA

29.	19UC029	S.JAINUL FARHANA
30.	19UC030	B.SUHASINI
31.	19UC031	K.MAHESHWARI
32.	19UC033	M.SAI PRIYADHARSHINI
33.	19UC034	S.ABIRAMI
34.	19UC035	K.SNEHA
35.	19UC036	K.PRIYADHARSHINI
36.	19UC037	A.DHATCHAYANI
37.	19UC038	M.VANITHA
38.	19UC039	S.SUDHA
39.	19UC040	M.A.AFIRAH
40.	19UC041	M.A.AARIFAH
41.	19UC042	M.DEEPIKA
42.	19UC043	F.MUBARAK BEGAM
43.	19UC045	J.ELAVARASI
44.	19UC046	G.SAFIKA AFRIN
45.	19UC047	R.ANU PRIYA
46.	19UC048	M.KEERTHIKA
47.	19UC049	K.GAYATHRI
48.	19UC050	J.AHUFRIN
49.	19UC051	J.AAFRIN
50.	19UC053	A.SAKTHI
51.	19UC054	P.LAVANYA
52.	19UC055	M.SANTHIYA
53.	19UC056	JAMOLA RABINO MARICAN
54.	19UC057	R.BHUVANESWARI
55.	19UC058	T.SRIDHARSHINI
56.	19UC059	M.I.NANTHINI
57.	19UC060	S.MAHALAKSHMI
58.	19UC061	T.GIRIJA
59.	19UC062	N.NATHIYA



**CERTIFICATE COURSE – DISASTER MANAGEMENT**  
**VALUE ADDED COURSE: FROM 04.12.2021 TO 20.02.2020 - 30 HOURS**

SL. NO.	DATE	TIME	NAME OF THE STAFF INCHARGE	WORK DONE
1.	04.12.2021	10a.m. to 11a.m.	Dr.P.Rajeswari	Meaning, Importance of disasters
2.		11a.m. to 12p.m.		Plan for Disaster
3.		2 p.m. to 3 p.m.	Ms.S.Kayathri	Natural Disasters
4.		3 p.m. to 4 p.m.		Types of Natural Disasters
5.	11.12.2021	10a.m. to 11a.m.	Dr.P.Rajeswari	Managing Relief measures
6.		11a.m. to 12p.m.		Types of Disasters
7.	18.12.2021	10a.m. to 11a.m.	Dr.R.Krishnaveni	Disaster Management at Local level
8.		11a.m. to 12p.m.	Dr.R.Latha	Insect worms, Hot waves Effects
9.		2 p.m. to 3 p.m.	Ms.S.Kayathri	Flood, Earthquake, Tsunami, Volcanic Eruptions
10.		3 p.m. to 4 p.m.		Global Warming, Forest Fire and Extreme Temperature
11.	24.01.2022	10a.m. to 11a.m.	Dr.P.Rajeswari	Man Made Disaster
12.		11a.m. to 12p.m.	Dr.R.Latha	Asteroid Impacts
13.		12 p.m. to 1 p.m.	Dr.R.Jamuna Devi	Accidental Disasters, Technological Hazards, Industrial hazards
14.		2 p.m. to 3 p.m.	Dr.R.Krishnaveni	Government's role in Disaster Management
15.		3 p.m. to 4 p.m.	Dr.R.Jamuna Devi	Structural collapse, Power outage
16.	25.01.2022	10a.m. to 11a.m.	Dr.R.Jamuna Devi	Fire, Hazardous Materials

17.		11a.m. to 12p.m.	Dr.R.Krishnaveni	Key factors, Co-ordination and Co-operation
18.		12 p.m. to 1 p.m.	Dr.R.Latha	Role of Remote sensing
19.		2 p.m. to 3 p.m.	Dr.R.Latha	Key Factors
20.		3 p.m. to 4 p.m.	Dr.R.Krishnaveni	Components of Disaster Management
21.	27.01.2022	10a.m. to 11a.m.	Dr.R.Jamuna Devi	Radiation, Social Disasters, Hijacking
22.		11a.m. to 12p.m.	Dr.R.Latha	Relief and Rehabilitation
23.		12 p.m. to 1 p.m.	Dr.R.Jamuna Devi	Riots, Crowed Rushes
24.		2 p.m. to 3 p.m.	Dr.P.Rajeswari	Effects of Disaster in specific group
25.		3 p.m. to 4 p.m.	Dr.R.Krishnaveni	Co-operation and Co-ordination
26.	28.01.2022	10a.m. to 11a.m.	Dr.R.Jamuna Devi	Political Disasters - Bombings, Shooting
27.		11a.m. to 12p.m.	Dr.R.Latha	Managing disaster in Coastal areas
28.		12 p.m. to 1 p.m.	Dr.R.Jamuna Devi	Hostages, Terrorism
29.		2 p.m. to 3 p.m.	Dr.P.Rajeswari	Plan for Disaster Management
30.		3 p.m. to 4 p.m.	Dr.R.Krishnaveni	Poverty reduction and Disaster Management

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**

**P.G. & RESEARCH DEPARTMENT OF COMMERCE**

**For the Academic Year 2021 -2022**

**SEMESTER VI - E-BANKING**

**VALUE ADDED COURSE (MULTIDISCIPLINARY)**

**Maximum : 100 Marks**

**Instruction Hours : 30**

**Exam. Hours : 3**

**Objective:** To impart practical knowledge on the e-banking practices as a move towards Paperless currency.

**UNIT I**

**Electronic Banking -** E-Banking – Meaning – Definition – Merits and Demerits of E-Banking- Traditional Vs. E-Banking - E-Wallet – Payment Gateway **6Hrs.**

**UNIT II**

**Online Banking** -Online Banking - concept and meaning- need for paperless currency- Electronic Delivery Channels- Automatic Teller Machine(ATM) – Recycler -Electronic Fund Transfer(EFT) – RTGS - Uses - Tele-Banking- Banking on Home Computers **6Hrs.**

**Unit III**

**E-Banking in India**-E-Banking in India- basic requirements for e-banking – Govt. Initiatives for Cashless transactions - the future of e-banking in India **6 Hrs.**

**Unit IV**

**E-Banking -Practical-** Practical knowledge on using ATM and EFT, Cash Depositing Machine, Pass Book entry Machine, Password changing, Point of Sale (POS) machine, working knowledge of online bill payment- insurance premium, electricity bill, phone bill, ticket booking, online shopping **6 Hrs.**

**Unit V E-Banking Security**

E-Banking Security- Introduction need for security –Security concepts – OTP – PIN – Digital Signature – Issues and Remedies **6 Hrs.**

## **Reference Books**

1. C.S. Rayudu, E-Business, Himalaya Publishing House
2. Roger Hunt & John Shelly, Computers and Common sense
3. Bhushan Dewan, E-Commerce

## **Question Paper Pattern**

### **Written Examination**

5 Questions to be answered (5 x 20 = 100 Marks)

Essay type questions with internal choice (Questions in “either / or” Model)

Choosing two Questions from each unit.

Maximum	- 100 Marks (Passing Minimum 50 Marks)
External	- 100 Marks (Passing Minimum 50 Marks)
Internal	- Nil

**A.D.M. College for Women (Autonomous), Nagapattinam**

**PG & Research Department of Commerce  
Value Added Course (Multi Disciplinary)  
2021 - 2022 - Name List**

S.No	Reg.No	Name of the Student
1.	19UM008	Maheswari.A
2.	19UM021	KiriyaSakthi .S
3.	19UM030	Kanagavalli.M
4.	19UM035	Nivetha.T
5.	19UM038	Suji.B
6.	19UZ006	Vallipriyadharshini.R
7.	19UZ012	Abi.B
8.	19UZ019	Pavithra.K
9.	19UZ020	Jenithamary.T
10.	19UZ024	Revathi.S
11.	19UBA114	HameedNachiyar.N
12.	19UBA122	Jagathiswari.S
13.	19UBA123	Aarthi.M
14.	19UBA124	Ramya.V
15.	19UBA125	Santhiya.N
16.	19UBA126	Priyanga.B
17.	19UBA127	Jaya.K
18.	19UBA128	Risha.S
19.	19UCA101	Humaira.S
20.	19UCA102	Yasmin.S
21.	19UCA103	CefanaFarvin.K
22.	19UCA104	Akalya.M
23.	19UCA105	AsmathulHazeena.S
24.	19UCA106	ShafnaAasmi.H
25.	19UCA107	FathimaFairose.F
26.	19UCA108	Sona.C
27.	19UCA111	Musfira.H

28.	19UCA112	Hemalatha.S
29.	19UCA125	Vembu.R
30.	19UCS125	Jayapriya. R.
31.	19UCS127	Divya. T.
32.	19UCS131	Bhuvaneswari. R.
33.	19UCS134	MuthuLakshmi.V
34.	19UCS135	Keerthana.R
35.	19UCS136	Sugashini.R
36.	19UCS140	Sowmiya.M
37.	19UCS141	VARSHINI.G
38.	19VX003	Kathija.Z
39.	19VX008	Saranya.S
40.	19VX009	Nithya.K

**CERTIFICATE COURSE – E-BANKING**  
**VALUE ADDED COURSE FROM: 19.03.2022 TO 31.05.2022 - 30 HOURS**

<b>Sl. No.</b>	<b>Date</b>	<b>Time</b>	<b>Name of The Staff Incharge</b>	<b>Work Done</b>
1.	19.03.2022	10a.m. to 11a.m.	Dr.R.Jamuna Devi	Meaning, Definition E-banking
2.		11a.m. to 12p.m.	Ms.G.Marie Anisha	E-banking in India
3.	26.03.2022	10a.m.to11a.m.	Dr.R.Jamuna Devi	Advantages of E-banking
4.		11a.m. to 12p.m.	Ms.G.Marie Anisha	E-banking in India
5.	09.04.2022	10a.m. to 11a.m.	Ms.G.Marie Anisha	Basic requirements of e-banking
6.		11a.m. to 12p.m.	Mrs.C.Dharani	Cash depositing machine
7.	23.04.2022	10a.m. to 11a.m.	Dr.R.Jamuna Devi	Merits of E-banking
8.		11a.m. to 12p.m.	Mrs.M.Devika	ATM, NEFT
9.		2 p.m. to 3 p.m.	Dr.R.Latha	Online banking concept and meaning
10.		3 p.m. to 4 p.m.	Mrs.C.Dharani	Types of cards
11.	30.04.2022	10a.m. to 11a.m.	Dr.R.Latha	E-banking channels
12.		11a.m. to 12p.m.	Mrs.C.Dharani	Advantages of ATM
13.		2 p.m. to 3 p.m.	Mrs.M.Devika	Insurance payment booking
14.		3 p.m. to 4 p.m.	Ms.G.Marie Anisha	Government initiatives for e banking
15.	07.05.2022	10a.m. to 11a.m.	Mrs.M.Devika	Working knowledge online payment
16.		11a.m. to 12p.m.	Mrs.C. Dharani	Pass book entry machine
17.		2 p.m. to 3 p.m.	Dr.R.Jamuna Devi	Demerits of e-wallet
18.	14.05.2022	10a.m.to 11a.m	Dr.R.Latha	Electronic fund transfer
19.		11a.m.to 12p.m	Ms.G.Marie Anisha	Cashless transaction
20.		2 p.m. to 3 p.m.	Dr.R.Jamuna Devi	Traditional banking vs e banking
21.		3 p.m. to 4 p.m.	Mrs.C. Dharani	Cash depository machine

22.	28.05.2022	10a.m.to 11a.m.	Mrs.M.Devika	Online shopping
23.		11a.m.to 12p.m	Mrs.C. Dharani	E Banking security issues
24.		2 p.m. to 3 p.m.	Mrs.M.Devika	E banking security needs
25.		3 p.m. to 4 p.m.	Mrs.C. Dharani	Online deposits
26.	31.05.2022	10a.m. to 11a.m.	Mrs.M.Devika	Securtiy concepts, Digital signature
27.		11a.m.to 12p.m	Mrs.C. Dharani	E – banking security
28.		12 p.m. to1p.m.	Ms.G.Marie Anisha	Future e banking in India.



**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**VALUEADDED COURSE (INTERDISCIPLINARY)**

**PROGRAMMING IN R-LANGUAGE**

**INTERNAL:40**

**SEMESTER:V**

**EXTERNAL:60**

**EXAM HOURS: 3**

**CREDIT:2**

**UNIT I**

**R language Essentials:** Expressions and objects.

Assignments, creating vectors, vectorized arithmetic, creating matrices, operations on matrices, lists.

**UNIT II:**

**R language Essentials:** data frames - creation, indexing, sorting and conditional selection; examples.

**UNIT III:**

**R Programming:** conditional statements if and if else; loop- for, while, do-while; functions - built-in and user defined.

**UNIT IV:**

**R Programming:** Data entry - reading from text file, data editor, examples.

**UNIT V:**

**Descriptive Statistics and Graphics:** Obtaining summary statistics; generating tables; Bar plots, Pie charts, Box plots, Histogram; exercises.

**Books for Study:**

1. Michael J. Crawley (2007), The R Book, John Wiley and Sons Ltd.
2. Peter Dalgaard (2008), Introductory Statistics with R, 2nd edition, Springer.

## **Lab Exercises:**

1. Operations on vectors and matrices
2. Creating and manipulating dataframes.
3. Writing user defined functions for finding arithmetic mean, median,
4. Writing user defined functions for finding median
5. Writing user defined functions for finding factorial.
6. Writing user defined functions for finding matrix addition
7. Writing user defined functions for finding matrix multiplication.
8. Bar charts.
9. Pie charts.
10. Boxplots for single and multiple groups.

**NAMELIST 2021-2022**

**IIIB.ScMathematics(Aided &SF)**

S.No	RegNo.	Name
1.	19UM001	S.Maheswari
2.	19UM003	M.Malathi
3.	19UM004	J.Saranya
4.	19UM005	M.MaimoonNachiyar
5.	19UM006	J.Rosanshafeehaa
6.	19UM007	K.Ranjitha
7.	19UM008	A.Maheswari
8.	19UM009	V.EzhilVizhi
9.	19UM010	S.Jayasri
10.	19UM011	P.Ramya
11.	19UM012	M.InulMarliya
12.	19UM013	M.S.Aishwarya
13.	19UM014	M.Kiruthika
14.	19UM015	M.Sowmiya
15.	19UM016	S.Santhini
16.	19UM017	R.Vinothini
17.	19UM018	E.Madhunisha
18.	19UM019	B.Menaka
19.	19UM020	M.Kamali
20.	19UM021	S.Kiriyasakthi
21.	19UM022	B. Lakshmidave
22.	19UM023	S.Mahalakshmi
23.	19UM024	R.Visali
24.	19UM025	K.Priyasakthi
25.	19UM026	A.Kalaivani
26.	19UM027	B.Divya

27.	19UM028	K.Sneka
28.	19UM029	P.Valli
29.	19UM030	M.Kanagavalli
30.	19UM031	J.Rathishree
31.	19UM032	P.Nandhini
32.	19UM033	V.Geethalakshmi
33.	19UM034	P.Yoga
34.	19UM035	T.Nivetha
35.	19UM036	S.JenniferJenolia
36.	19UM037	T.Nikkitha
37.	19UM038	B.Suji
38.	19UM039	V.Veeralakshmi
39.	19UM040	R.Pavithra
40.	19UM041	B.Nandhinikumari
41.	19UM042	R.Gogulapriya
42.	19UM043	T.Narmadha
43.	19UM044	N.Sowmiya
44.	19UM045	C.Ganga
45.	19UM046	V.Gayathri
46.	19UM047	K.Agalya
47.	19UM048	T.Sowmiya
48.	19UM101	Arulsathya.v
49.	19UM102	Agalya.S
50.	19UM103	Abirami.D
51.	19UM104	Soundharya.S
52.	19UM105	Mahalakshmi.P
53.	19UM106	Dharshini.R
54.	19UM107	Sneha.R
55.	19UM108	Abitha.P
56.	19UM110	kirubhashini.V
57.	19UM111	MerlinPritilda.M
58.	19UM112	Keerthana.M

59.	19UM114	Sivashankari.B
60.	19UM115	Keerthana.B
61.	19UM116	Kavitha.K
62.	19UM118	Sangeetha.S
63.	19UM120	Swetha.R
64.	19UM121	Srinithi.P

## Value Added Course

### Programming in R Language from 13.11.2021 to 15.02.2022

S.No	Date	Hour	Name of the Staff Incharge	Work Done
1.	13/11/2021	I,II (2hours)	Mrs.M.Prabavathy Mrs.U.Elayarani Assistant	Introduction about R Programming
2.	20/11/2021	I,II,III,IV&V (5hours)	Professors of Mathematics	<b>R Language Essentials:</b> Expressions and objects. Assignments, creating vectors, vectorized arithmetic, creating matrices, operations on matrices, lists
3.	04/12/2021	I,II,III (3hours)		<b>R language Essentials:</b> and conditional selection; examples.
4.	11/12/2021	I,II (3hours)		<b>R Programming:</b> Loops
5.	18/12/2021	I,II (2hours)		<b>Descriptive Statistics and Graphics:</b> Barplots, Piecharts, Boxplots, Histogram

### Value Added Course from 05.01.2022 to 15.02.2022 (Practical's Only)

S.No	Date	Hour	Work Done
1.	05/01/2022	I,II,III,IV &V (5 hours)	1. Operations on vectors and matrices 2. Creating and manipulating dataframes. 3. Writing user defined functions for finding arithmetic mean, median,
2.	14/02/2022	I,II,III,IV &V (5 hours)	4. Writing user defined functions for finding median 5. Writing user defined functions for finding factorial. 6. Writing user defined functions for finding matrix addition
3.	15/02/2022	I,II,III,IV &V (5 hours)	7. Writing user defined functions for finding matrix multiplication. 8. Bar charts. 9. Pie charts. 10. Box plots for single and multiple groups.

**VALUE ADDED COURSE (MULTIDISCIPLINARY)**  
**SEMESTER VI**  
**STATISTICAL PROGRAMMING USING SPSS**  
**2021-2024 BATCH**

**INTERNAL: 40**

**SEMESTER : VI**

**EXTERNAL: 60**

**EXAM HOURS: 3**

**CREDIT: 2**

**Unit I**

**Brief Introduction about SPSS and Basic Statistics:** Opening a File – Data View – Variable View – Entering Data into the Data Editor – Saving the Data File.

**Unit II**

**Editing and Manipulating Data with SPSS:** Insert a New Variable – Rearranging the order of variables in variable view – Deleting and Rearranging Items from the Viewer.

**Unit III**

**Graphs and Charts:** Bar Charts – Simple Bar Charts – Clustered Bar Charts – Multiple Bar Charts – Pie Chart – Line graphs – Histogram.

**Unit IV**

**Descriptive Statistics: Measures of Central Tendency:** Arithmetic Mean – Median – Mode – **Measures of Dispersion:** Standard Deviation – Skewness – Kurtosis.

**Unit V**

**Correlation, Regression and Sample Test:** Correlation and Regression Lines X on Y and Y on X – **Comparing Averages: Parametric and Non-Parametric Tests to Compare Averages:** T-test for means – Chi Square test for goodness of fit with SPSS.

**Books for Study:**

SPSS For You, A. Rajathi & P. Chandran, MJ Publishers.



**LabExercises:**

1. Mean,MedianandMode
2. StandardDeviation
3. SimpleBarDiagram
4. MultipleBarDiagram
5. Histogram
6. PieDiagram
7. Kurtosis
8. Skewness
9. Correlation
10. RankCorrelation
11. Regression
12. Pairedt -test
13. Chisquaretestfor goodnessoffit.

## NAMELIST2021- 2022

S.No	Reg.No	StudentName
1.	19UC006	RAMYA.S
2.	19UC007	ABIRAMI.G
3.	19UC009	SANTHIYA.S
4.	19UC017	JOTHIPRIYA.A
5.	19UC018	BHUVANESHWARI.C
6.	19UC026	ARUNADEVI.B
7.	19UC030	SUHASINI.B
8.	19UC031	MAGESHWARI.K
9.	19UC050	AHUFRIN.J
10.	19UC051	AAFRIN.J
11.	19UC054	LAVANYA.P
12.	19UC055	SANDHIYA.M
13.	19UC057	BHUVANESWARI.R
14.	19UC101	KAVIYA.S
15.	19UC105	NOORULJASMIN.A
16.	19UC107	SRIHARINI.S
17.	19UC108	ROJA.K
18.	19UC109	SIVASAKTHI.M
19.	19UC122	VINITHA.M
20.	19UC124	SELVAMEENA.P
21.	19UC125	KEERTHIKA.N
22.	19UC127	MOHANAPRIYA.S
23.	19UC128	VINOTHINI.M
24.	19UC137	GAYATHRI.M
25.	19UC138	THASLIMAIRFANA.A
26.	19UC139	PRADEEBA.A
27.	19UBA115	SANOFER.S
28.	19UBA116	KHATHIJAAAFRIN.S
29.	19UBA121	HUMAIRAHPARVEEN.M
30.	19UBA129	SAHANAROSE.N

**ADM COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM**  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**MULTIDISCIPLINARY**  
**Value Added Course Schedule**  
**PAPER - STATISTICAL PROGRAMMING USING SPSS**

S.No	Date	Hour	Work Done
1.	19/03/2022	I,II&III (3 hours)	<b>Brief Introduction about SPSS and Basic Statistics:</b> Opening a File - Data View - Variable View - Entering Data into the Data Editor - Saving the Data File.
2.	26/13/2022	I,II&III (3 hours)	<b>Editing and Manipulating Data with SPSS:</b> Insert a New Variable - Rearranging the order of variables in variable view - Deleting and Rearranging Items from the Viewer.
3.	09/04/2022	I,II&III (3 hours)	<b>Graphs and Charts:</b> Bar Charts - Simple Bar Charts - Clustered Bar Charts - Multiple Bar Charts - Pie Chart - Line graphs - Histogram. <b>Lab Exercises:</b> <ol style="list-style-type: none"> <li>1. Simple Bar Diagram</li> <li>2. Multiple Bar Diagram</li> <li>3. Histogram</li> <li>4. Pie Diagram</li> </ol>
4.	30/04/2022	I, II,IV&V (4 hours)	<b>Correlation, Regression and Sample Test:</b> Correlation and Regression Lines X on Y and Y on X. <b>Lab Exercises:</b> <ol style="list-style-type: none"> <li>5. Correlation</li> <li>6. Rank Correlation</li> <li>7. Regression</li> </ol>

5.	07/05/2022	I, II,IV&V (4hours)	<b>Descriptive Statistics: Measures of Central Tendency:</b> Arithmetic Mean–Median–Mode– <b>Measures of Dispersion:</b> Standard Deviation–Skewness–Kurtosis. <b>Lab Exercises:</b> <ol style="list-style-type: none"> <li>8. Mean, Median and Mode</li> <li>9. Standard Deviation</li> <li>10. Kurtosis</li> <li>11. Skewness</li> </ol>
6.	14/05/2022	I, II,IV&V (4hours)	<b>Mid Semester Examination was Conducted</b>
7.	06/06/2022	I, II,IV&V (4hours)	<b>Comparing Averages: Parametric and Non-Parametric Tests to Compare Averages:</b> T – test for means – Chi Square test for goodness of fit with SPSS. <b>Lab Exercises:</b> <ol style="list-style-type: none"> <li>12. Paired t– test</li> <li>13. Chi square test for goodness of fit.</li> </ol>
8.	07/06/2022	I,II,III,IV&V (5hours)	<b>Revised All Lab Exercises</b>
9.	08/06/2022	I,II,III,IV&V (5hours)	<b>Model Examination was Conducted.</b>

**A.D.M COLLEGE FOR WOMEN(AUTONOMOUS), NAGAPATTINAM**  
**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**VALUE ADDED COURSE – BUSINESS SKILLS FOR CHEMISTS**  
**V SEMESTER- 2021- 2022**

**Internal :25**

**Semester: V & VI**

**External:75**

**No.of Hours/ Week : 3**

**Exam Hours :3**

**Credit:2**

**UNIT-I:**

**Business Basic-** Key business concepts, Business plans, market need, project management and routes to market.

**UNIT -II:**

**Chemistry in Industry-**Current challenges and opportunities for the chemistry- using industries.

**UNIT -III:**

Role of chemistry in India and Global economics.Making money financial aspects of business with case studies.

**UNIT -IV:**

**Intellectual property-**Concept of intellectual property, patents.

**UNIT -V:**

Preparation and uses: Hair dye, hair spray, shampoo, suntan lotions, face powder, lipsticks, talcum powder, nail enamel, creams (cold, vanishing and shaving creams), antiperspirants and artificial flavours.

**Reference Book:**

1. N.K.Acharya ,Textbook on intellectual property rights, Asia law house (2001).

**Web-resources**

- 1.[www.rsc.org](http://www.rsc.org)
- 2.<http://www.rsc.org/learn-chemistry/resource/business-skills-forchemists>
- 3.<http://www.rsc.org/learn-chemistry/resource/business-skills-and-commercial-awareness-for-chemists>.



# **A.D.M. COLLEGE FOR WOMEN**

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NAGAPATTINAM 611 001.

## **PG & RESEARCH DEPARTMENT OF CHEMISTRY**

ORGANIZES A  
**VALUE ADDED COURSE**  
ON

## **BUSINESS SKILLS FOR CHEMISTS**

**Duration – 30 hrs**

**Time – 13-11-2021 to 17-1-2022**

**All are cordially invited**

**VALUE ADDED COURSE FROM : 13.11.2021 TO 20.01.2022**

S.NO	DATE	HOUR	WORK DONE
1.	13.11.2021	I, II (2 hours)	Business basics, key Business concepts
2.	20.11.2021	I, II (2 hours)	Business plans, Market need
3.	04.12.2021	I, II (2 hours)	Project management and routes to market
4.	11.12.2021	I, II (2 hours)	Chemistry in industry current challenges and opportunities for the chemist
5.	06.01.2022	I, II (2 hours)	Chemistry in India and global economics.
	06.01.2022	III,IV (2 hours)	Role of chemistry in India and global economics
6.	07.01.2022	I-III (3 hours)	Making money financial aspects of business
	07.01.2022	IV, V(2 hours)	Concept of intellectual property, patents
7.	08.01.2022	I- III(3 hours)	Preparation and uses: Hair dye, hair spray, Shampoo
	08.01.2022	IV, V(2 hours)	Preparation and uses: Suntan lotion, face powder
8.	11.01.2022	I - III(3 hours)	Preparation and uses: Lipsticks, Talcum powder
	12.01.2022	IV, V(2 hours)	Preparation and uses: Nail enamel, Creams (cold, Vanishing and shaving creams)
9.	17.01.2022	I-III (3 hours)	Preparation and uses:Antiperspirants and artificial flavours

**VALUE ADDED COURSE - BUSINESS SKILLS FOR CHEMISTS**  
**2021-2022**  
**STUDENTS ENTROLLED**

<b>S.NO</b>	<b>REG.NO</b>	<b>NAME</b>
1.	19UCH001	M. Bakyalakshmi
2.	19UCH002	A. Menaga
3.	19UCH003	A. Krishnaveni
4.	19UCH004	R. Kamaleeshwari
5.	19UCH005	S.Thenmozhi
6.	19UCH006	P. Suganya
7.	19UCH007	T. Aarthi
8.	19UCH008	R. Gajalakshmi
9.	19UCH009	M. Vinotha
10.	19UCH010	A. Sowjenya
11.	19UCH011	A. Gayathiri
12.	19UCH012	U. Nithya
13.	19UCH013	N. Santhiya
14.	19UCH014	P. Sowmiya
15.	19UCH015	S. Sangavi
16.	19UCH016	P. Divya
17.	19UCH017	N. Sathya
18.	19UCH018	J. Rajashi
19.	19UCH019	P.Sasikala
20.	19UCH020	K. Swetha
21.	19UCH021	G. Priyadharshini
22.	19UCH022	R. Tharani
23.	19UCH023	S. Saraswathi
24.	19UCH024	S. Varshadevi
25.	19UCH026	U. Elakkiya
26.	19UCH027	R. Rahini
27.	19UCH029	K. Sneha
28.	19UCH030	S. Sharlishamary



29.	19UCH031	S. Swathi
30.	19UCH032	K. Kavya
31.	19UCH033	M. Sugapriya
32.	19UCH034	M. Siyamala
33.	19UCH035	A. Sangeetha
34.	19UCH036	S. Harini
35.	19UCH038	S. Praveena
36.	19UCH039	S. Sneha

**VALUE ADDED COURSE - BUSINESS SKILLS FOR CHEMISTS  
2021-2022**

Name of the Staff Incharge	Date	Subject
<b>M.Sivagamasundari</b>	13.11.2021	Basic business key, Business concept
	20.11.2021	Business plan
	04.12.2021	Market need
	11.12.2022	Project management and routes to market
	11.01.2022	Making money financial aspects of business
	12.01.2022	Studies intellectual property
	17.01.2022	Preparation and uses of hair dye, hair spray, shampoo, suntan lotions, face powder
	19.01.2022	Preparation and uses lipstick, nail enamel, varnishing and shaving creams, antiperspirants & artificial flavour
<b>A.Flora</b>	06.01.2022	Chemistry industries current challenges and opportunities for the chemistry
	07.01.2022	Global Economics
	08.01.2022 FN	Industry current challenges and opportunity for chemistry
	08.01.2022 AN	Role of chemistry in India global economics

<b>SEMESTER- VICHEMISTRY IN EVERY DAY LIFE</b>		
<b>Instruction Hours: 30</b>	<b>Credits: 2</b>	<b>Exam Hours: 3</b>
<b>Internal Marks -25</b>	<b>External Marks-75</b>	<b>Total Marks: 100</b>

**Course Objectives:**

- To understand the chemistry of Water.
- To learn the importance of fertilizer, manure, fungicide etc.,
- To gain knowledge about additives and flavouring agents in food.
- To learn manufacture and uses of cement, rubber and rocket propellant.
- To know the difference between dye and fibre.

<b>Unit I</b>	<p><b>WATER CHEMISTRY</b></p> <p>Water pollution: Sources and effects of water pollution (Domestic, Industrial, Agricultural) Eutrophication.</p> <p>Heavy metals such as Hg, Cr, Cd, Zn, Cu and metals like Pb, As, Ba, Temperature, Radio activity, synthetic detergents etc.,</p> <p><b>(Content - 4 Hrs, Assessment - 2 Hrs) (6Hrs)</b></p>
<b>Unit II</b>	<p><b>AGRICULTURAL CHEMISTRY</b></p> <p>Difference between fertilizer and manure - Superiority of manure over fertilizer - Biofertilizers: Rhizobium, Azatobacter, Cyano bacteria.</p> <p>Pesticides: Classification on the basis of mode of action, types of pests and Chemical nature with examples - safety measures while using pesticides.</p> <p>Fungicides, Herbicides, Acaricides, Rodenticides, Repellants, Fumigants, Defoliant (Definitions and Examples).</p> <p><b>(Content - 4 Hrs, Assessment - 2 Hrs) (6Hrs)</b></p>
<b>Unit III</b>	<p><b>FOOD CHEMISTRY</b></p> <p>Food additives - colouring (Natural and synthetic colours)-List of permitted colours (Curcumin, Riboflavin, Betacarotene, Plain Caramel and amaranth)- description and uses.</p>

	<p>Flavouring agents – Anti oxidants – Emulsifiers- Acidulants and beverages. Soft drinks aerated water (ingredients and side effects).</p> <p><b>(Content – 4 Hrs, Assessment – 2 Hrs) (6Hrs)</b></p>
<b>Unit IV</b>	<p><b>INDUSTRIAL CHEMISTRY</b></p> <p>Cement – Raw materials – Manufacture of Portland cement and Setting of Cement. Rubber – Vulcanization and users of rubber. Rocket propellant – Solid, liquid and gas propellants.</p> <p><b>(Content – 4 Hrs, Assessment – 2 Hrs) (6Hrs)</b></p>
<b>Unit V</b>	<p><b>MATERIAL CHEMISTRY</b></p> <p>Dyes and Dyeing process: Difference between dye and pigment -Witt's colour theory, classification of dyes based on application (Direct, Vat, Acid, Reactive, Mordant and Disperse).</p> <p><b>(Content – 4 Hrs, Assessment – 2 Hrs) (6Hrs)</b></p>

**Text Book:**

1. K. Kumarasamy, A. Alagappa Moses and M. Vasanthi, "Environmental studies", Bharathidasan University, Thiruchirappalli.
2. A Thankamma Jacob, A Text Book of Applied Chemistry, 1st edition, McMillan India Ltd (1979).

**Reference Books:**

1. Alex Ramani, "Food Chemistry", MJP publishers (2009), Chennai.
2. Jayashree Gosh, "Text book of Pharmaceutical Chemistry" New Delhi, S. Chand & Company Ltd., (2003).
3. K. Bagavathi Sundari, "Applied Chemistry" MJP Publishers, (2006) Chennai.
4. Hesse P.R, "A text book of soil chemical analysis" John Murray, New York, 1971.
5. Buchel K.H, Chemistry of Pesticides, John Wiley & Sons New York 1983.

**e- Resources:**

1. <https://www.topfreebooks.org>.
2. <https://bookboon.com>.

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**NAGAPATTINAM 611 001.**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ORGANIZES A**

**VALUE ADDED COURSE**

**ON**

**CHEMISTRY IN EVERY DAY LIFE**

**Duration – 30 hrs**

**Time – 19.03.2022 to 18.05.2022**

**All are cordially invited**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**VALUE ADDED COURSE - 2021-2022**  
**STUENTS ENTROLLED**

PROGRAMME	S.NO	REG.NO	NAME OF THE STUDENTS
III-B.SC ZOOLOGY	1.	19UZ002	K. SARUBALA
	2.	19UZ003	M. LOGESWARI
	3.	19UZ021	S.JERIN
	4.	19UZ023	S. ARCHANA
	5.	19UZ025	S.SOWMIYA
	6.	19UZ029	J.PORSELVI
	7.	19UZ030	D.JAYAKODI
III-B.SC BIO-CHEMISTRY	8.	19UB112	N. SUBADHARSHINI
	9.	19UB113	M.ABITHA
	10.	19UB114	D.DEVAPRIYA
	11.	19UB115	P.ELAKIYA
	12.	19UB116	M.KRISHNAVENI
	13.	19UB119	M.KANIMOZHI
III-B.SC PHYSICS	14.	19UP115	A.ROBINSHA
	15.	19UP122	S. ANITA ROSE MARY
	16.	19UP124	G.GAYATHIRI
	17.	19UP127	S.GANGA
	18.	19UP128	S.YAMUNA
III-B.SC GEOLOGY	19.	19UG104	S.SNEHA
	20.	19UG105	M.MAHALAKSHMI
	21.	19UG107	M.MAHITHA
	22.	19UG109	S.NALINI
	23.	19UG112	S.SUBHA
	24.	19UG114	K.SORNALAKSHMI
	25.	19UG116	S.ABARNA

**CERTIFICATE COURSE – CHEMISTRY IN EVERY DAY LIFE**

**VALUE ADDED COURSE from: 19.03.2022 to 25.05.2022**

<b>Date</b>	<b>Name of the Staff incharge</b>	<b>Work done</b>
19.03.2022	Mrs. A. RAKINI	Water pollution: Sources and effects of water pollution
26.03.2022		Domestic, Industrial, Agricultural, Eutrophication.
09.04.2022		Heavy metals such as Hg, Cr, Cd, Zn, Cu
13.04.2022		Metals like Pb, As, Ba, Temperature, Radio activity, synthetic detergents
30.04.2022	Ms. R. MAHESWARI	Difference between fertilizer and manure – Superiority of manure over fertilizer - Biofertilizers: Rhizobium, Azatobacter, Cyano bacteria.
07.05.2022		Pesticides: Classification on the basis of mode of action, types of pests and Chemical nature with examples – safety measures while using pesticides.
11.05.2022		Fungicides, Herbicides, Acaricides, Rodenticides, Repellants, Fumigants, Defoliant (Definitions and Examples).
13.05.2022		Food additives – colouring (Natural and synthetic colours)-List of

		permitted colours (Curcumin, Riboflavin,
14.05.2022		Betacarotene, Plain Caramel and amaranth)- description and uses. Flavouring agents – Anti oxidants – Emulsifiers-
15.05.2022		Acidulants and beverages. Soft drinks aerated water (ingredients and side effects).
16.05.2022	Ms. I. NARCHONAI	Cement – Raw materials – Manufacture of Portland cement and Setting of Cement.
18.05.2022		Rubber – Vulcanization and users of rubber. Rocket propellant – Solid, liquid and gas propellants
19.05.2022		Dyes and Dyeing process: Difference between dye and pigment -Witt's colour theory,
20.05.2022		Classification of dyes based on application (Direct, Vat, Acid, Reactive, Mordant and Disperse).
22.05.2022		Test



**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM-611 001**  
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**PG AND RESEARCH DEPARTMENT OF ZOOLOGY**



**AQUARIUM FISH KEEPING**

**Value Added Course**

**2021-2022**

**PG & RESEARCH DEPARTMENT OF ZOOLOGY  
SYLLABUS  
III B.Sc Zoology - V Semester - 2021-2022**

**VALUE ADDED/ SHORT TERM CERTIFICATE COURSE**

**AQUARIUM FISH KEEPING**

**UNIT - I**

**Introduction to Aquarium fish keeping:** The potential Scope of Aquarium fish Industry as a cottage Industry. Exotic and endemic species of aquarium fishes.

**UNIT - II**

**Biology of Aquarium fishes:** Common characters and sexual dimorphism of fresh water and marine Aquarium fishes such as Guppy, Molly, Sword tail, Gold fish, Angel fish, Blue morph, Anemone fish and Butterfly fish.

**UNIT - III**

**Food and feeding of Aquarium Fishes:** Use of live feed organism, preparation and composition of formulated fish feeds.

#### **UNIT - IV**

**Fish Transportation:** Live fish transport – Fish handling, Packing and forwarding techniques.

#### **UNIT - V**

**Maintenance of Aquarium:** General Aquarium maintenance – bought for setting up an Aquarium fish farm as a cottage Industry.

#### **Text Book**

1. Aquarium fish: A definitive Guide to identifying and keeping freshwater and Marine fishes by Gina Sandford and Mary Bailey.

#### **Reference Book:**

1. Freshwater Aquarium by David Alderton Aquarium Fish by Dick Mills

### **STUDENTS NAME LIST**

S.NO	REG.NO	NAME OF THE STUDENTS
1	19UZ001	Nivedha.G
2	19UZ002	Sarubala.K
3	19UZ003	Logeshwari.M
4	19UZ004	Keerthana.K
5	19UZ005	Sathya.S
6	19UZ006	Vallipriyadharshini.R
7	19UZ010	Leena.P
8	19UZ011	Kavya.K
9	19UZ012	Abi.B
10	19UZ013	Saranyadevi.P

11	19UZ014	Vinothini.R
12	19UZ016	Karthika.R
13	19UZ017	Pruthika.G
14	19UZ018	Janani.S
15	19UZ019	Pavithra.K
16	19UZ020	Jenithamery.T
17	19UZ021	Jerin.S
18	19UZ022	Devika.A
19	19UZ023	Archana.S
20	19UZ024	Revathi.S
21	19UZ025	Sowmiya.S
22	19UZ026	Sadhana.D
23	19UZ027	Devika.D
24	19UZ028	Sandhiya.L
25	19UZ029	Porselvi.J
26	19UZ030	Jayakodi.D
27	19UZ031	Deepalakshmi.S
28	19UZ034	Oviya.D
29	19UZ037	Eswari.B
30	19UZ039	Noorzakeena.M.N

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**  
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**PG AND RESEARCH DEPARTMENT OF ZOOLOGY**



**VALUE ADDED SEA FOOD PREPARTION**

**Value Added Course**

**2021-2022**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG AND RESEARCH DEPARTMENT OF ZOOLOGY**  
**III UG – VI Semester – 2021-2022**  
**VALUE ADDED COURSE (Multidisciplinary)**

**Paper Title: Value Added Sea Food Preparation**

**Internal : 25**

**Credit : 2**

**External : 75**

**Inst. Hrs. : 30**

**Course Objectives**

1. To Study the characteristic of seafood animals, its nutritional quality and relation to Spoilage
2. To Study about different seafood preservation techniques to reduce post-harvest loss
3. To develop different products from fish and shellfish
4. To explore different area for fish value addition for better utilization of by-catch and low value fish
5. To learn quality analysis and entrepreneurship development

**Unit-I**

**6 hours**

**Fish Preservation Methods:** Chilling-Freezing-Curing-Canning-Marinating-Boiling-Fermentation-Irradiation-Freeze-drying

**Unit-II**

**6 hours**

**Traditional Methods:** Salting- Drying-Marinating-Fermentation. Preserved seafood poisoning: Histamine poisoning. Seafood poisoning of bacterial origin: salmonella, staphylococcus, Botulism- Pink spoilage and Dun spoilage of salted fish.

**Unit-III**

**6 hours**

**Preparation technique of Value added sea food:** Lobster- Crab- Shrimp- Crayfish- Fish.

**Unit-IV**

**6 hours**

**Packaging of seafood products:** Types of Packaging Material -Packaging of fresh fish-Packaging of frozen fish -Packaging -of Individually Quick Frozen (IQF) Products-Packaging of thermal process fish products.

**Unit-V**

**6 hours**

**Quality assessment of fishery products:** Sensory method: Quality Index method (QIM) - Non-Sensory method: Biochemical methods-Biological methods-Physical methods.

**Text Book:**

1. Mishra, R, 2021.Handbook on Fish Processing and Preservation, ISBN: 9789390309351, Narendra publishing House, C-21, Varun Apartment, Sector 9, Rohini, Delhi - 110085

**Reference Book:**

K.Rathnakumar and R.Kaavya. 2021. Preservation of Fish by Canning. Narendra Publishing House.

**Learning Outcomes**

1. Students will understand the preservation techniques to reduce spoilage in fish and minimize post-harvest loss.
2. Different types of processing methods for different fish.
3. Low-value and by-catch have the same nutritional quality as of the high-value fish and can be used to prepare value-added products.
4. Able to analyze the quality of sea food.
5. Economic value of seafood and become an entrepreneur

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY**

**Organized A**

**VALUE ADDED COURSE (Multidisciplinary)**

**On**

**“Value Added Sea Food Preparation”**

**Duration -30 Hours**

**Time 26.02.2022 to 14.03.2022**

**All are cordially invited**



## Value Added Sea Food Preparation

### LIST OF STUDENT

S. No	Reg. No	Name of the student	Class
1	19UH001	R.INDHUJA	III BA., HISTORY
2	19UH002	S.SURUTHIKA	III BA., HISTORY
3	19UH004	A.SELVI	III BA., HISTORY
4	19UH007	P.PRIYA	III BA., HISTORY
5	19UH008	R.SAKTHISURSI	III BA., HISTORY
6	19UH009	A.SAROJINI	III BA., HISTORY
7	19UH010	P.SOBIYA	III BA., HISTORY
8	19UH011	A.SWETHA	III BA., HISTORY
9	19UH013	M.SOWMIYA	III BA., HISTORY
10	19UH015	V.MEENA	III BA., HISTORY

11	19UH016	I.ROFINA SHEEBA	III BA., HISTORY
12	19UH017	R.SATHYA	III BA., HISTORY
13	19UH018	A.KAYALVIZHI	III BA., HISTORY
14	19UH019	S.SINEKA	III BA., HISTORY
15	19UH037	M.RAHAMONA	III BA., HISTORY
16	19UH039	B.SATHYA	III BA., HISTORY
17	19UH043	S.SARANYA	III BA., HISTORY
18	19UH045	S.KOWSALYA	III BA., HISTORY
19	19UCH06	P.SUGANYA	III B.Sc., CHEMISTRY
20	19UCH07	T.AARTHI	III B.Sc., CHEMISTRY
21	19UCH10	A.SOWJENYA	III B.Sc., CHEMISTRY
22	19UCH26	U.ELAKKIA	III B.Sc., CHEMISTRY
23	19UCH27	R.RAHINI	III B.Sc., CHEMISTRY
24	19UCH31	S.SWATHI	III B.Sc., CHEMISTRY
25	19UCH32	N.KAVYA	III B.Sc., CHEMISTRY
26	19UCH33	M.SUGAPRIYA	III B.Sc., CHEMISTRY
27	19UCH34	M.SIYAMALA	III B.Sc., CHEMISTRY
28	19UB103	S.THAHIRA BANU	III B.Sc., CHEMISTRY
29	19UB104	C.PARKAVI	III B.Sc.,BIOCHEMISTRY
30	19UB107	E.ABITHA	III B.Sc.,BIOCHEMISTRY
31	19UB108	V.SHARMILA	III B.Sc.,BIOCHEMISTRY
32	19UB109	J.HEXIBA	III B.Sc.,BIOCHEMISTRY
33	19UB111	J.JUBITHA NACHIYAR	III B.Sc.,BIOCHEMISTRY
34	19UBA101	V.ISWARYA	III BBA
35	19UBA102	S.SIVA ANNANTHI	III BBA
36	19UBA103	R.MANEKA	III BBA
37	19UBA104	K.JAYASUDHA	III BBA
38	19UBA105	D.VIMALA	III BBA
39	19UBA106	M.ROJA	III BBA

40	19UBA107	N.SURETHA	III BBA
41	19UBA108	K.ANIJA	III BBA
42	19UBA109	R.SELSIYA	III BBA
43	19UBA120	K.PRIYADHARSHINI	III BBA
44	19UP101	S.RENUGA	III B.SC PHYSICS
45	19UP103	T.JOTHIPRIYA	III B.SC PHYSICS
46	19UP107	M.LAKSHMI PRIYA	III B.SC PHYSICS
47	19UP108	P.KANIMOZHI	III B.SC PHYSICS
48	19UP117	S.SUBASRI	III B.SC PHYSICS
49	19VX005	R.MAHALAKSHMI	III B.VOC SOFTWARE
50	19VX006	S.PRADEEPA	III B.VOC SOFTWARE
51	19VX016	R.SOWMIYA	III B.VOC SOFTWARE

### Value Added Sea Food Preparation

**VALUE ADDED COURSE FROM: 19.03.2022 TO 30.05.2022**

S.No	Date	Name of the Staff incharge	Work done
1.	26.02.22	Dr.S.Angelina Glorita Parimala	Fish Preservation Methods: Chilling- Freezing
2.	05.03.22		Curing-Canning-Marinating

3.	12.03.22		Boiling-Fermentation-Irradiation-Freeze-drying
4.	19.03.22		Preparation technique of Value added sea food: Lobster- Crab-Shrimp- Crayfish-Fish
5.	26.03.22	Dr.S.Krishnaveni	Traditional Methods: Salting-Drying-Marinating-Fermentation.
6.	09.04.22		Preserved seafood poisoning: Histamine poisoning. Seafood poisoning of bacterial origin: salmonella, staphylococcus, Botulism-
7.	23.04.22		Pink spoilage and Dun spoilage of salted fish.
8.	30.04.22		Packaging of seafood products: Types of Packaging Material - Packaging of fresh fish-Packaging of frozen fish
9.	07.08.22		Dr.S.Vanitha
10.	14.08.22	Non-Sensory method : Biochemical methods	
11.	28.05.22	Biological methods-Physical methods.	
12.	04.06.22	Packaging -of Individually Quick Frozen (IQF) Products-Packaging of thermal process fish products.	





**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**

**NAGAPATTINAM**

**Affiliated Bharadhasan University, Trichirapalli**

**(Nationally accredited with 'A' Grade by NAAC-3rd Cycle)**

**DEPARTMENT OF TAMIL**

Offers

**VALUE ADDED COURSE**

on

சிந்தனையியல்

**2021 - 2022**

**DURATION: 30 HOURS**

All are Cordially Invited

அ.து.மமகளிர்கல்லூரி (தன்னாட்சி) நாகப்பட்டினம்

தமிழ்த்துறை

சிந்தனையியல் (Value added course-interdisciplinary for III BA Tamil)

Semester-V	சிந்தனையியல்	Course Code-
Instruction Hours-2	Credits-2	Exam Hours-3
Internal Marks-25	External Marks-75	Total Marks-100

பாடநோக்கம்:

1. மேலைமற்றும்தமிழ்நாட்டுசிந்தனையாளர்களின்சிந்தனைகளைகற்பித்தல்.
2. காந்தியடிகளின்சிந்தனைகளைஅறியசெய்தல்.
3. காரல்மார்க்சின்சிந்தனைகளைபயிற்றுவித்தல்.
4. அம்பேத்காரின்சிந்தனைகளைஉணரசெய்தல்.
5. பெரியார்மற்றும்அண்ணாவின்சிந்தனைகளைசெயல்பாடுகளைமேற்கொள்ளுக்குவித்தல்.

அலகு 1

சிந்தனையில்விளக்கம்- மேலைநாட்டுசிந்தனையாளர்கள்- சாக்ரடீஸ்,  
அரிஸ்டாட்டில்- பிளாட்டோதமிழில்சிந்தனையில்வளர்ந்தவரலாறு-  
திருவள்ளுவர்சிந்தனைகள்- சித்தர்களின்சமூகசிந்தனைகள்- வள்ளலார்சிந்தனைகள்.  
(6 மணிகள்)

அலகு 2

காந்தியடிகள்சிந்தனைகள்- அகிம்சை- சமயகோட்பாடு-  
பெண்கள்சமுதாயஒற்றுமை- அரசியல்பொருளாதாரவிடுதலை. (6 மணிகள்)

அலகு 3

காரல்மார்க்ஸ்சிந்தனைகள்-

மார்க்சியகோட்பாடுகள்-அவற்றின்வழிசமூகபொருளாதாரமாற்றங்கள்.

(6 மணிகள்)

அலகு 4

அம்பேத்கரின்சிந்தனைகள்அம்பேத்காரின்அனுபவங்களும்இவற்றின்வழிஉருவானசிந்தனைகளும்மதம்ஜாதிபற்றியசிந்தனைகள்அரசியல்அமைப்புச்சட்டம்இவற்றில்இவரின்பங்கு. (6 மணிகள்)

அலகு 5

பெரியார்மற்றும்அண்ணாசிந்தனைகள்- மதம், கடவுள், மொழி, சாதி, பெண்ணடிமை, சமுதாயஏற்றத்தாழ்வுபற்றியசிந்தனைகளும்செயல்பாடுகளும்.

(6 மணிகள்)

பாடநூல்

சிந்தனையில் தமிழ்த்துறைகுந்தவைநாச்சியார்கல்லூரி, தஞ்சாவூர்இயல்பதிப்பகம்2017.

பார்வைநூல்

1. காரல்மார்க்ஸவேசாமிநாதசர்மா.
2. வள்ளலார்கண்டஒருமைப்பாடும.பொ.சி.
3. பெரியாரின்சிந்தனைகள்மூன்றுதொகுதிகள்வே.ஆனைமுத்து.
4. அறிஞர்அண்ணாவின்வாழ்வும்வாக்கும்சி. எம்ஏபரிமளம்.
5. சத்தியசோதனைகாந்தியடிகள்.

இணையமுகவரி<https://tamil.wikipedia.org>

கற்றல்விளைவுகள்

- 1.சிந்தனையாளர்களின்சிந்தனைகளைவாழ்வில்மேற்கொள்வர்.

2.காந்தியடிகளின்சிந்தனைகளைபின்பற்றிவாழ்வர்.

3.காரல்மார்க்ஸ்சிந்தனைகளைஅறிந்துஅதன்படிநடப்பர்.

4.அம்பேத்காரின்சிந்தனைகளைசட்டங்களைஅறிவர்.

5.பெரியார்மற்றும்அண்ணாவின்சிந்தனைகளைமேற்கொண்டுபேச்சாளர்கவிஞர்எழுத்தாளராகஆவர்.

## NAME LIST



<b>S.NO</b>	<b>ROLL.NO</b>	<b>NAME</b>
1	19UTA101	A.Vinutha
2	19UTA102	R.Sujitha
3	19UTA103	A.Mathumitha
4	19UTA104	P.Abirami
5	19UTA105	P.Nithyasri
6	19UTA106	v.Narmatha
7	19UTA107	S.Selvagayathri
8	19UTA108	K.Mathumitha
9	19UTA109	B.Anandhaselvi
10	19UTA110	P.Indhu
11	19UTA111	A.vinothini
12	19UTA112	k.Asika
13	19UTA113	M.Sharmila
14	19UTA114	R.Kaviya
15	19UTA115	S.Suba
16	19UTA116	M.Sivaranjani
17	19UTA118	S.Sharmila
18	19UTA120	S.Anandhi
19	19UTA122	S.N.Sneha
20	19UTA123	R.Shiyamala
21	19UTA124	P.Asiya

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**DEPARTMENT OF TAMIL**

Offers

**VALUE ADDED COURSE**

on

ஊடகவியல்

**2021 - 2022**

**DURATION: 30 HOURS**

All are Cordially Invited



அ. து. மமகளிர்கல்லூரி (தன்னாட்சி) நாகப்பட்டினம்

தமிழ்த்துறை

ஊடகவியல் (Value added course multidisciplinary For Other Major)

Semester -VI	ஊடகவியல்	----
Instruction Hours-2	Credits - 2	Exam Hours - 3
Internal Marks-25	External Mark - 75	Total Marks - 100

பாடநோக்கம் :

1. ஊடகங்களின்பரிணாமவளர்ச்சியைஊடகங்களின்தேவையைஉணர்த்துதல்
2. ஊடகங்களைபயன்படுத்தபயன்கொள்ளபயிற்றுவித்தல்
3. ஊடகங்களின்பணிவாய்ப்புபெறமணவர்களைதயார்படுத்துதல்
4. தகவல்தொழில்நுட்பத்தின்பரிமாணங்களைஅறிதல்
5. உலகலாவியசெய்திகளைஉடனுக்குடன்அறிந்துஇதழ்களில்பணிபுரியுணக்குவித்தல்.

அலகு 1 வானொலி

வானொலி: செய்திஎழுதுதல் - நாடகம்உரையாடல் - கலந்துரையாடல் - நேர்காணல் - அறிவிப்புகள் - நிகழ்ச்சிதொகுப்புரை - நேர்முகவர்ணனை - விளம்பரம் - விளையாட்டுச்செய்திகள் - மருத்துவக்குறிப்பு.

(6 மணிகள்)

அலகு 2 தொலைக்காட்சி

தொலைக்காட்சி: செய்திஎழுதுதல் - நாடகம்உரையாடல் - கலந்துரையாடல்நேர்காணல் - அறிவிப்புகள், நிகழ்ச்சிதொகுப்புரை - நேர்முகவர்ணனை - விளம்பரம் - விளையாட்டுச்செய்திகள்மருத்துவக்குறிப்பு.

(6 மணிகள்)

### அலகு 3 திரைப்படம்

திரைப்படம்: காட்சி அமைப்பிற்கு ஏற்ப உரையாடல் - தலைப்புகள்: அறுவுரைநட்பு, காதல், மகிழ்ச்சி, அழகை, வீரம், இரக்கம், வெற்றிக்களிப்பு விளம்பரம். (6 மணிகள்)

### அலகு 4 இதழ்களின் அமைப்பும் செய்தியாளர் செய்தியும்

இதழ்கள் தொடங்குவதற்குரிய வழிமுறை - செய்தித்தாள் நிர்வாக அமைப்பு - செய்தியாளர் வகைகள் - பண்புகள் - பணிகள் - கருவிகள் - அடிப்படை விதிகள் - செய்தி விளக்கம் - செய்தியாவன - செய்தி வகைகள் - செய்தி மூலங்கள் - உள்ளடக்கங்கள் - செய்தித்திரட்டுதல் (6 மணிகள்)

### அலகு 5 செய்தி நிறுவனங்களும் பேட்டியும்

முதல் செய்தி நிறுவனம் உலகச் செய்தி நிறுவனங்கள் - பேட்டி விளக்கம் - பேட்டியின் வகைகள் - பேட்டி நடத்துதல் - பேட்டியாளர் செய்ய வேண்டியவை - செய்யக்கூடாதவை - குற்றச் செய்திகள் பல்வேறு வகையான படங்களும் இதழ்களும் (6 மணிகள்)

### பாடநூல்கள்

1. மக்கள்தகவல்தொடர்பியல், கி.இராஜா, பப்ளிகேஷன்ஸ், 142  
ஜானிஜான்கான்சாலை, ராயபேட்டை, சென்னை.
2. இதழியல்கலை, மா.பா.குருசாமி, பதிப்பகம் குருதேன்மொழிதாய் அன்பகம், 6  
வது தெரு, திண்டுக்கல்.

### பார்வைநூல்

1. முனைவர் வீ. மோகன்சாந்தா, மக்கள்தொடர்பியல் புதிய பரிமாணங்கள், மீடியா பதிப்பகம், வீரமுத்துகார்டன், ஆனையூர், மதுரை - 17

இணையமுகவரி

<https://tamil.wikipidia.org>

கற்றலின்விளைவுகள்

1. வானொலியில்தொகுப்பாளராகபணியில்சேரவாய்ப்புபெறுவர்.
2. தொலைக்காட்சியில்பணிபுரியும்திறனைப்பெறுவர்.
3. திரைப்படத்துறையில்கதைஎழுதுதல்தொகுப்புரைநடத்தல்போன்றபணிவாய்ப்பு பெறுவர்.
4. ஊடகத்துறையில்செய்திசேகரிப்பாளர்எழுத்தாளராகஆவர்.
5. செய்திநிறுவனங்களில்செய்திவாசிப்பாளர்வண்ணையாளர்தொகுப்பாளர்போன்றபணிவாய்ப்புபெற்றுவாழ்வில்உயர்வர்.

## NAME LIST

S.NO	REG.NO	STUDENT NAME
1	19UC001	Sowmiya.S
2	19UC002	Bavani.S
3	19UC012	Balasowndari.L
4	19UC013	Mahalakshmi.K
5	19UC015	Jayapriya.P
6	19UC024	Thilagavathy.M
7	19UC033	Saipriyadharshini.M
8	19UC034	Abirami.S
9	19UC035	Sneha.M
10	19UC037	Dhatchayani.A
11	19UC039	Sudha.S
12	19UC042	Deepika.M
13	19UC043	Mubarak begam.F
14	19UC045	Elavarasi.J
15	19UC046	Safikaafrin.G
16	19UC047	Anupriya.R
17	19UC048	Keerthika.M
18	19UC053	Sakthi.A
19	19UC060	Mahalakshmi.S
20	19UC062	Nathiya.N
21	19UCH003	Krishnaveni.A
22	19UCH011	Gayathri.A
23	19UCH012	Nithya.U
24	19UCH013	Santhiya.n
25	19UCH015	Sangavi.S
26	19UCH016	Divya.B
27	19UCH017	Sathya

28	19UPZ02	Banumathi.S
29	19UP105	Pavithra.B
30	19UP109	Akila.J
31	19UP110	Indhusha.R
32	19UP111	Aishwarya.p
33	19UP112	Aarthi.M
34	19UM101	Aishwariya.p
35	19UM104	Soundharya.s
36	19UM106	Dharshini.R
37	19UM107	Sneka.R
38	19UM115	Keerthana.B
39	19UM116	Kavitha.k
40.	19UM120	Swetha.R

## RESEARCH DEPARTMENT OF ENGLISH



### **A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

*(Affiliated to Bharathidasan University, Tiruchirapalli)*

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### **NAGAPATTINAM**

## **RESEARCH DEPARTMENT OF ENGLISH**

*Offers*

### **VALUE ADDED COURSE**

*On*

## **OBJECTIVE ENGLISH FOR COMPETITIVE EXAMINATIONS**

**To**

**III B.A. English (2019-22 Batch)**

**2021-22 (Odd Semester)**

**Mrs.V.Kannaki**

**Head & Associate Professor of English**

**Dr.R.Anbuselvi**

**Principal**



year	Semester	Course Title	Instruction Hours	Credits	Exam Hours	Total Marks
III	V	Objective English for Competitive Examinations	03	02	03	100

**Course Objectives:**

- To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.
- To enable and encourage students to prepare for the competitive exams of various kinds especially meant for testing ability in English language.
- To introduce students with the common question types asked in competitive examinations concerning English- grammar, vocabulary, comprehension, and other significant topics.

<b>Unit I</b>	Synonyms	<b>6 hours</b>
<b>Unit II</b>	Antonyms	<b>6 hours</b>
<b>Unit III</b>	Word Formation	<b>6 hours</b>
<b>Unit IV</b>	One word substitution	<b>6 hours</b>
<b>Unit V</b>	Abbreviations	<b>6 hours</b>

**Reference Books:**

*Objective General English –R. S. Aggarwal and Vikas Aggarwal, S Chand publications, New Delhi, 2018*

**e- Resources:**

<http://www.affairsguru.com/objective-general-english-by-sp-bakshi-pdf-download-free-ssc-bank/>

**Course Outcomes:**

On completion of the course, the learner is expected  
 To integrate the use of the four language skills and use them creatively and professionally.  
 To inculcate the skills of explanation, interpretation and visualization in the students.  
 To compete the race of Competitive Examinations.

**Course Title - Objective English for Competitive Examinations**

### **Pattern of Evaluation**

Total Marks – 100 (Passing minimum of 40%)

#### **Question Pattern:**

#### **Section A (20 Marks)**

Synonyms- 10 x 2 = 20 Marks

#### **Section B (20 Marks)**

Antonyms - 10 x 2 = 20 Marks

#### **Section C (20 Marks)**

Word Formation - 10 x 2 = 20 Marks

#### **Section D (20 Marks )**

One word substitution - 10 x 2 = 20 Marks

#### **Section E (20 Marks )**

Abbreviations - 10 x 2 = 20 Marks

  
Signature of the HOD

## Name List of the Students

S.No.	Roll No.	Name
1	19UEN102	Rufiya Julaiga.M
2	19UEN103	Dhasneem Sheha.A
3	19UEN104	Sowmiya.V
4	19UEN105	Femina Nasreen.S
5	19UEN106	Thaslima Afrin.A.G
6	19UEN107	Anika Nilofar.J
7	19UEN108	Farena Ferose.A
8	19UEN110	Raihanathul Sariya.M
9	19UEN111	Sameena Nasrin.W
10	19UEN112	Subhashini.N
11	19UEN113	Indhumathi.M
12	19UEN114	Aafiya.A
13	19UEN115	Aysha Shameera.S
14	19UEN116	Kaleeswari.R
15	19UEN117	Dharani.P
16	19UEN118	Hasana Yasmen.M
17	19UEN119	Rasika.R
18	19UEN120	Pradheepa.R
19	19UEN122	Sneha.P
20	19UEN123	Jency.N
21	19UEN125	Gayathri.R.K
22	19UEN126	Ganga.M
23	19UEN128	Sasimitha.S
24	19UEN129	Hema.S
25	19UEN130	Padmaja.S

**Log Details**

S.No	Date/ Time	Name f the Staff in charge	Work done
1	20.10.2021 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Syllabus given, introduce short term course
2	25.10.2021 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Synonyms
3	27.10.2021 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Synonyms
4	29.10.2021 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	Antonyms
5	08.11.2021 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	Antonyms
6	09.11.2021 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Word Formation
7	13.11.2021 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Word Formation
8	20.11.2021 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Word Formation
9	04.12.2021 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	One Word Substitution
10	11.12.2021 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	One Word Substitution
11	18.12.2021 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	One Word Substitution
12	04.01.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Abbreviations
13	05.01.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Abbreviations
14	06.01.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Abbreviations



**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

*(Affiliated to Bharathidasan University, Tiruchirapalli)  
(Nationally Accredited with 'A' Grade by NAAC- 3 rd Cycle)*

**NAGAPATTINAM**

RESEARCH DEPARTMENT OF ENGLISH

*Offers*

**VALUE ADDED COURSE**

*On*

**OBJECTIVE ENGLISH FOR COMPETITIVE EXAMINATIONS**

**2021-22(Even Semester)**

**III UG 2019-22 Batch**

**Open to All Programmes**

**Mrs.V.Kannaki**

**Head & Associate Professor of English**

**Dr.R.Anbuselvi**

**Principal**

## RESEARCH DEPARTMENT OF ENGLISH

### B.A.ENGLISH

year	Semester	Course Title	Instruction Hours	Credits	Exam Hours	Total Marks
III (Open to All Programmes)	VI	Objective English for Competitive Examinations	03	02	03	100

#### Course Objectives:

- To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.
- To enable and encourage students to prepare for the competitive exams of various kinds especially meant for testing ability in English language.
- To introduce students with the common question types asked in competitive examinations concerning English- grammar, vocabulary, comprehension, and other significant topics.

<b>Unit I</b>	Synonyms	<b>6 hours</b>
<b>Unit II</b>	Antonyms	<b>6 hours</b>
<b>Unit III</b>	Word Formation	<b>6 hours</b>
<b>Unit IV</b>	One word substitution	<b>6 hours</b>
<b>Unit V</b>	Abbreviations	<b>6 hours</b>

#### Reference Books:

*Objective General English* –R. S. Aggarwal and Vikas Aggarwal, [S Chand publications, New Delhi](#), 2018

#### e- Resources:

<http://www.affairsguru.com/objective-general-english-by-sp-bakshi-pdf-download-free-ssc-bank/>

**Course Outcomes:**

On completion of the course, the learner is expected

To integrate the use of the four language skills and use them creatively and professionally.

To inculcate the skills of explanation, interpretation and visualization in the students.

To compete the race of Competitive Examinations.

**Course Title - Objective English for Competitive Examinations**

**Pattern of Evaluation**

Total Marks – 100 (Passing minimum of 40%)

**Question Pattern:**

**Section A (20 Marks)**

Synonyms- 10 x 2 = 20 Marks

**Section B (20 Marks)**

Antonyms - 10 x 2 = 20 Marks

**Section C (20 Marks)**

Word Formation - 10 x 2 = 20 Marks

**Section D (20 Marks )**

One word substitution - 10 x 2 = 20 Marks

**Section E (20 Marks )**

Abbreviations - 10 x 2 = 20 Marks

  
Signature of the HOD

## Name List of the Students

S.No.	Roll No.	Name
1	19UH033	FATHIMA RASOOL . B
2	19UC003	BRINDA DEVI.G
3	19UC005	HEMA.D
4	19UC008	PRIYA.C
5	19UC010	RESHMA.B
6	19UC014	BRINDHA.R
7	19UC016	DEVIKA.K
8	19UC020	SUHAILA SHREEN.A
9	19UC021	AHAMED NAFIYA.S
10	19UC022	SOFIYA.M
11	19UC027	NOORUL IRFAANA.G
12	19UC028	RISVIA.H
13	19UC029	JAINUL FARHANAS
14	19UC040	AAFIRAH.M.A
15	19UC041	AARIFAH.M.A
16	19UC049	GAYATHIRI.K
17	19UC056	JAMELA RABINO MARICAN
18	19UC058	SRIDHARSHINI.T
19	19UC059	NANTHINI.M.I
20	19UC061	GIRIJA.T
21	19UZ016	KARTHIKA.R
22	19UZ018	JANANI.S
23	19UZ027	DEVIKA.D
24	19UZ039	NOOR ZAKEENA.M.N
25	19UC112	NABISATHUL MISRIYA.M
26	19UC113	AHSHIFA MURSHITH.M
27	19UC115	FATHIMA NASEERA.A



28	19UC116	AAFRIN SITHIKA.M
29	19UC117	RAHILA ISVATH.J
30	19UC118	FAISELYA.J
31	19UC133	ARCHANA.M
32	19UC135	HILMIYA.R
33	19UC136	LAMINA AFREEN.N
34	19UBA110	AYISHA NACHIAR.M
35	19UBA111	SABIYA KANI.B
36	19UBA112	FATHIMA MUBEENA.G
37	19UBA113	AHAFRIN NAFIYA.A
38	19UP104	NIVETHA.A
39	19UP106	ABSEL SHIBANA.B
40	19UP113	THALAL ASMI.K
41	19UP114	ARTHI.R
42	19UP116	ELAKKIYA.B
43	19UP120	SELVARANI.V
44	19UP123	SARANYA.G
45	19UP118	NIHITHA.T
46	19UP125	NIVATHINI.S
47	19UP126	THARUNA.G
48	19UB101	RUWAYDA MUHSINA.H
49	19UB102	SARIFA.M
50	19UB105	RIFAYA.U
51	19UB117	FAIQA.H.M
52	19VZ010	ABINAYA.S

### Log Details

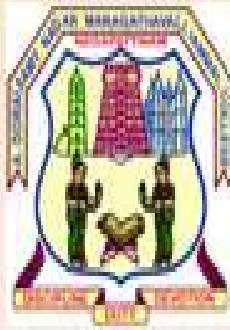
S.No	Date/ Time	Name of the Staff in charge	Work done
1	26.02.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Syllabus given, introduce short term course
2	05.03.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Synonyms
3	12.03.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Synonyms
4	19.03.2022 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	Antonyms
5	26.03.2022 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	Antonyms
6	09.04.2022 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	Antonyms
7	23.04.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Word Formation
8	28.04.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Word Formation
9	30.04.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Word Formation
10	04.05.2022 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	One Word Substitution
11	07.05.2022 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	One Word Substitution
12	14.05.2022 (10.00-12.00)	Ms.K.Merlin Gifta Assistant professor of English	One Word Substitution
13	17.05.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Abbreviations

14	28.05.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Abbreviations
15	31.05.2022 (10.00-12.00)	Mrs.U.Sujatha, Assistant professor of English	Abbreviations

**DEPARTMENT OF PHYSICS**  
**VALUE ADDED CERTIFICATE COURSE (ODD & EVEN)**

## YEAR-2021-2022

Academic Year	Name of the Short Term Course Conducted	No.of Students	Instruction Hours
2021-2022	Everyday physics	26	30 Hours
	Renewable Resources and Application of Solar Energy	24	30 Hours



## A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)

(Accredited With 'A' Grade By NAAC 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli)

NAGAPATTINAM - 611 001

### PG DEPARTMENT OF PHYSICS

Offers  
Value Added  
On  
ODD Sem - (2021-2022)

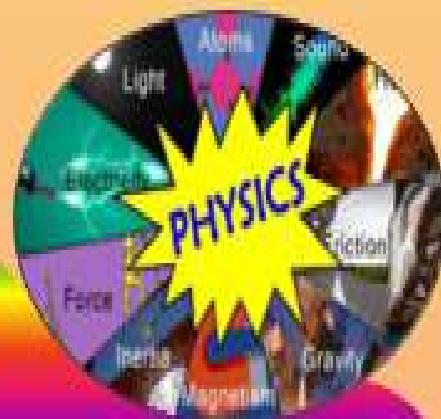
## EVERYDAY PHYSICS

### Course Outcomes:

- ✓ To educate the student with the useful applications of Physics behind Home appliances.
- ✓ To enable the student to recognize those applications
- ✓ To enable the student to understand the physics behind the bio electric signal recording, biotelemetry and their safety measures
- ✓ To calculate and apply measures of location grouped and ungrouped data.

### Course Objectives:

- ✓ To impart basic knowledge about everyday physics in home and office with their working principle
- ✓ To acquire knowledge on basic Physics
- ✓ Give basic knowledge of science behind materials & amp; Installation & Maintenance of Solar Panel.
- ✓ Understand and improve the application of Physics behind Home appliances
- ✓ To make the students for Mini project work



<b>Semester V / Value Added</b>	<b>EVERYDAY PHYSICS</b>	Course Code:-----
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

**Course Objectives:**

- To impart basic knowledge about everyday physics in home and office with their working principle
- To acquire knowledge on basic Physics
- Give basic knowledge of science behind materials & Installation & Maintenance of Solar Panel.
- Understand and improve the application of Physics behind Home appliances
- To make the students for Mini project work

Unit I	Physics behind Home appliances Light bulb – Fan – Hair drier – microwave ovens – Vacuum cleaners – water heater – Dishwasher
Unit II	Working Principles Basic principles - Tape recorder – Taps – Lifts – Rockets – fax machines– Cellular phones - mixer grinder
Unit III	Demonstration Making a switch board with multiple points – wiring – one lamp controlled by one switch/Two switches – fixing a fuse – soldering – P.C.B Preparation
Unit IV	Installation & Maintenance of Solar Panel Solar energy and its applications, Designing a Solar Photovoltaic System, Installation of Solar Panel
Unit V	Mini project work One way and two ways switch board making, Simple solar Light making, and PCB designing and electric fuse connection

**Text Books:**

1. The Learner's series – Everyday science – Published by INFINITY BOOKS, New Delhi
2. The Hindu speaks on Science, Vol I & II, KasturiRanga Publishers, Chennai

**Books for Reference**

1. Fundamentals of Physics by D. Halliday, R.Rensick and J. Walker, 6<sup>th</sup> edition, Wiley, NY (2001).
2. The Feymann Lectures on Physics Vols I, II, III by R.P. Feynmann, R.B. Leighton & M. Sands, Narosa, NewDelhi (1998).
3. Handbook on Installation & maintenance of Solar Panel

**Course Outcomes:**

On completion of the course the learner will be able

CO 1:	To educate the student with the useful applications of Physics behind Home appliances.
CO2:	To enable the student to recognize those applications
CO 3:	To enable the student to understand the physics behind the bio electric signal recording, biotelemetry and their safety measures
CO 4:	To calculate and apply measures of location grouped and ungrouped data.

S.NO	REG.NO	NAME OF THE STUDENTS	CLASS
1.	19UP101	S.RENUKA	III B.Sc PHYSICS
2.	19UP102	S.BANUMATHI	III B.Sc PHYSICS
3.	19UP103	T.JOTHIPRIYA	III B.Sc PHYSICS
4.	19UP104	A.NIVETHA	III B.Sc PHYSICS
5.	19UP105	B.PAVITHRA	III B.Sc PHYSICS
6.	19UP106	B.ABSEL SHIFANA	III B.Sc PHYSICS
7.	19UP107	M.LAKSHMI PRIYA	III B.Sc PHYSICS
8.	19UP108	P.KANIMOZHI	III B.Sc PHYSICS
9.	19UP109	J.AKILA	III B.Sc PHYSICS
10.	19UP110	R.INDHUSHA	III B.Sc PHYSICS
11.	19UP111	P.AISHWARYA	III B.Sc PHYSICS
12.	19UP112	M.AARTHI	III B.Sc PHYSICS
13.	19UP113	K.THALALASMI	III B.Sc PHYSICS
14.	19UP114	R.AARTHI	III B.Sc PHYSICS
15.	19UP115	A.ROBINSHA	III B.Sc PHYSICS
16.	19UP116	B.ELAKKIYA	III B.Sc PHYSICS
17.	19UP117	S.SUBASRI	III B.Sc PHYSICS
18.	19UP118	T.NIHITHA	III B.Sc PHYSICS
19.	19UP120	V.SELVARANI	III B.Sc PHYSICS
20.	19UP122	S.ANITA ROSE MARY	III B.Sc PHYSICS
21.	19UP123	G.SARANYA	III B.Sc PHYSICS
22.	19UP124	G.GAYATHRI	III B.Sc PHYSICS
23.	19UP125	S.NIVATHINI	III B.Sc PHYSICS
24.	19UP126	G.THARUNA	III B.Sc PHYSICS
25.	19UP127	S.GANGA	III B.Sc PHYSICS
26.	19UP128	S.YAMUNA	III B.Sc PHYSICS

**CERTIFICATE COURSE - EVERYDAY PHYSICS**



**VALUE ADDED COURSE FROM: 13.11.2021-25.12.2021**

S.NO	DATE	NAME OF THE STAFF INCHARGE	WORK DONE
1.	13.11.2021	Dr.N.Lavanya	Light bulb microwave ovens Dishwasher
2.	20.11.2021		Fan - Hair drier
3.	04.12.2021		Vacuum cleaners - water heater
4.	11.12.2021		Solar energy
5.	18.12.2021	Mrs.R.Rubashri	Designing a Solar Photovoltaic System
6.	21.12.2021		Installation of Solar Panel
7.	25.12.2021		Solar Energy and its applications,

**SYLLABUS  
MULTI DISCIPLINARY  
2021-2022**



**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

(Accredited With 'A' Grade By NAAC 3<sup>rd</sup> Cycle)

Semester VI / Value Added( <b>Multidisciplinary</b> )	Renewable Resources and Application of Solar Energy	Course Code:-----
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Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

### Course Objectives:

- To make the students to understand the present day crisis of need for conserving energy and alternatives are provided.
- Know percentages and have understanding for magnitudes of energy and resources used
- Understand the special engineering challenges of using each of these sources of energy efficiently and environmentally effectively.
- Understand the economics behind the costs of the uses and applications of each of these forms of energy
- Understand the energy conversion systems for nuclear power plants, the advantages/disadvantages (including overall environmental effects) of each type of present plants.

Unit I	<p>Energy Resources and their Utilization:  Conservation and forms of Energy – Electric energy from Conventional Sources –Thermal Plants (Coal Fueled) Energy Reserves of India – Oil – Natural Gas –National Grid for Gas Distribution – Gas Conservation.  (Content- 4 Hrs, Assessment -2 Hrs) (6 Hrs)</p>
Unit II	<p>Power Potential:  Hydroelectric Power Potential – India’s Power Scene – Gas- based Generating Plants – Nuclear Power Programme – Renewable energy Sources – Energy Parameters - Energy efficiency and Conservation - New Technologies – Hydrogen Energy Systems – Fuel Cells – Biofuels.  (Content- 4 Hrs, Assessment -2 Hrs) (6 Hrs)</p>

Unit III	<p>Environmental Awareness:</p> <p>Global Environmental Awareness – Kyoto Protocol- Impact of Renewable of Renewable energy generation on environment – Solar energy – Wind energy – Biomass energy – Geothermal energy- Ocean Thermal Energy Conversion (OTEC).</p> <p>(Content- 4 Hrs, Assessment -2 Hrs) (6 Hrs)</p>
Unit IV	<p>Solar Thermal Energy Conversion Systems:</p> <p>Solar Water Heating – Solar Distillation – Liquid bath Wax Meliter – Solar Wax Melter – Heating of Swimming Pool by Solar energy.</p> <p>(Content- 4 Hrs, Assessment -2 Hrs) (6 Hrs)</p>
Unit V	<p>Application of Solar:</p> <p>Solar Green Houses – Light intensity – Temperature – Humidity – Carbon Dioxide – Solar Furnace and Applications- Major components of a solar furnace – Solar Power Plant using A Satellite – Plastic Solar Cells with Nanotechnology – Solar Photovoltaic in India.</p> <p>(Content- 4 Hrs, Assessment -2 Hrs) (6 Hrs)</p>

**Text Book:**

1. D.P. Kothari, K.C. Singal & Rakesh Ranjan, *Renewable energy sources and emerging Technologies*, Prentice Hall of India Pvt. Ltd., New Delhi (2008).

**Reference Books:**

1. S.A. Abbasi and Nasema Abbasi, *Renewable Energy sources and their environmental impact*, PHI Learning Pvt. Ltd., New Delhi (2008).

**E- Resources:**

1. <http://www.lanl.gov/external>
2. <http://fnalpubs.fnal.gov>

**Course Outcomes:**

On completion of the course the learner will be able

CO 1:	Understand the sources of energy and their contributions to the energy and power needs of the nation and the world.
CO 2:	Be able to effectively use Rankine Cycle analysis
CO 3:	Understand the differences between large quantities of fuel and waste
CO 4:	Fully appreciate the aspect of capital cost amortization and allocation to unit of energy produced.
CO 5:	Be able to analyze comparisons of capital cost allocation, operating cost, including fuel costs. Special attention is given to the renewable for which there is zero or negligible fuel cost

### NAME LIST 2021- 2022

S.NO	REG.NO	NAME OF THE STUDENTS	CLASS
1.	19UCH001	M.BHAKYALASHMI	III B.Sc CHEMISTRY

2.	19UCH002	A.MENAGA	III B.Sc CHEMISTRY
3.	19UCH004	R.KAMALESHWARI	III B.Sc CHEMISTRY
4.	19UCH008	R.GAJALAKSHMI	III B.Sc CHEMISTRY
5.	19UCH009	M.VINOTHA	III B.Sc CHEMISTRY
6.	19UCH014	P.SOWMIYA	III B.Sc CHEMISTRY
7.	19UCH020	P.SASIKALA	III B.Sc CHEMISTRY
8.	19UCH020	K.SWETHA	III B.Sc CHEMISTRY
9.	19UCH022	R.THARANI	III B.Sc CHEMISTRY
10.	19UCH023	S.SARASWATHI	III B.Sc CHEMISTRY
11.	19UCH024	S.VARSHADEVI	III B.Sc CHEMISTRY
12.	19UCH029	K.SNEGA	III B.Sc CHEMISTRY
13.	19UCH030	S.SHARLISAMARY	III B.Sc CHEMISTRY
14.	19UCH035	A.SANGEETHA	III B.Sc CHEMISTRY
15.	19UCH038	S.PRAVEENA	III B.Sc CHEMISTRY
16.	19UCS122	D.RAJKAMALI	III B.Sc COMPUTER SCIENCE
17.	19UCS124	N.KARTHIKADEVI	III B.Sc COMPUTER SCIENCE
18.	19UCS126	R.SUBASHINI	III B.Sc COMPUTER SCIENCE
19.	19UCS128	R.SAMINI	III B.Sc COMPUTER SCIENCE
20.	19UCS129	R.SUGANYA	III B.Sc COMPUTER SCIENCE
21.	19UCS130	K.Rakshya	III B.Sc COMPUTER SCIENCE
22.	19UCS132	V.PUNITHA	III B.Sc COMPUTER SCIENCE
23.	19UCS133	K.AARTHI	III B.Sc COMPUTER SCIENCE
24.	19UCS138	K.KAMALI	III B.Sc COMPUTER SCIENCE

**Certificate Course**

**Renewable Resources and Application of Solar Energy**

**VALUE ADDED COURSE From: 19.04.2022-07.05.2022**

S.NO	DATE	NAME OF THE STAFF INCHARGE	WORK DONE
1.	19.04.2022	Dr.N.LAVANYA	Solar Water Heating Solar Distillation
2.	26.04.2022		Liquid bath Wax Meliter –Solar Wax Melter
3.	09.04.2022		Heating of Swimming Pool by Solar energy.
4.	30.04.2022		Liquid bath Wax Meliter –Solar Wax Melter
5.	07.04.2022	R.RUBASHRI	Conservation and forms of Energy-- Oil – Natural Gas -- Gas Conservation
6.	09.04.2022		Thermal Plants (Coal Fueled) Energy Reserves of India
7.	23.04.2022		National Grid for Gas Distribution
8.	30.04.2022		Solar Green Houses – Light intensity
9.	07.05.2022		Temperature – Humidity – Carbon Dioxide – Solar Furnace and Applications

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**DEPARTMENT OF BIOCHEMISTRY**  
**VALUE ADDED COURSE (MULTI DISCIPLINARY) 2021-2022**  
**SYLLABUS 2021-2022**

<b>Semester-V / Short Time certificate course-I</b>	<b>LABORATORY SAFETY RULES</b>	<b>Course Code:</b>
<b>Instruction Hours: 2</b>	<b>Credits: 2</b>	<b>Exam Hours: 3</b>
<b>Internal Marks -25</b>	<b>External Marks-75</b>	<b>Total Marks: 100</b>

### Course Objectives:

- To enable the students can get knowledge about laboratory safety and Rules.
- Identify their hazardous chemical's
- Learn about the Chemicals causing health hazards
- Learn about the proper procedure for responding to spill
- Understand the chemical inventory

<b>Unit I</b>	Identification of hazard, Categorization methods for elimination of hazard and classify a hazardous chemical. <b>(6 Hrs)</b>
<b>Unit II</b>	Chemical hazards: laboratory safety, bulk handling of chemicals, Fire and explosion hazards, Fire detection, Prevention, control, and extinguishments, Industrial layout, Industrial waste management. <b>(6 Hrs)</b>
<b>Unit III</b>	Chemicals causing health hazards: irritants, asphyxiates, anaesthetics, systemic poisons and carcinogens, Chronic and acute exposure, Routes of entry, types of airborne contaminants. <b>(6 Hrs)</b>
<b>Unit IV</b>	Re-label any new transfer bottles. Implement the proper procedures for responding to spills, emergencies or injuries. <b>(6 Hrs)</b>
<b>Unit V</b>	Development and Maintenance of a chemical inventory. <b>(6 Hrs)</b>

### Text Book:

1. Laboratory Safety Manual, Case Western Reserve University, July 31, 1991.
2. Laboratory Safety Manual, Environmental Health and Safety Department



University of Washington, December 2021 Edition.

**Reference Books:**

1. Safety A personal Focus David L Bever
2. Hand book of Hazardous Air pollutions, Dennis P Nolan P.E
3. Fire Technology, R.S. Gupta
4. Remediation and Treatment Technologies. Dennis P Nolan P.E
5. Fire service Manual (4 volumes)

**e- Resources:**

1. <https://www.labsafety.org/lab-safety-books>
2. <https://www.labsafety.org/product/lab-safety-guidelines-expanded-e-book>

**Course Outcomes:**

On completion of the course the learner will be able

CO 1	Understand the legal framework of the Health and Safety at Work etc. Act 1974 and Regulations associated with it
CO 2	Understand the employers', employees' and visitors' duties
CO 3	Evaluate hazards and risks in order to carry out a risk assessment
CO 4	Understand the legal requirement to report any accident or dangerous occurrence
CO 5	Develop risk assessments for scientific laboratories that use chemicals or biological organisms or both



# **A.D.M. COLLEGE FOR WOMEN**

## **(Autonomous)**

**Affiliated to Bharathidasan University**  
**(Nationally Accredited with “A” Grade by NAAC – 3rd Cycle)**  
**NAGAPATTINAM 611 001.**

## **DEPARTMENT OF BIOCHEMISTRY**

**ORGANIZES A**  
**VALUE ADDED COURSE**

**ON**

**LABORATORY SAFETY**  
**RULES**

**Duration – 30 hrs**  
**Time – 04.09.2021 to 18.12.2021**

**All are cordially invited**

**NAME LIST FOR VALUE ADDED COURSE**

**LABORATORY SAFETY RULES**

**2021 to 2022 - ODD SEMESTER**

<b>S.NO</b>	<b>REG. NO.</b>	<b>NAME OF THE STUDENT</b>	<b>TITLE OF THE PAPER</b>
1	19UB101	H.RUWAYDA MUHSINA	Laboratory Safety Rules
2	19UB102	M. SARIFA	Laboratory Safety Rules
3	19UB103	S. THAHIRA BANU	Laboratory Safety Rules
4	19UB104	C. PARKAVI	Laboratory Safety Rules
5	19UB105	U. RIFAYA	Laboratory Safety Rules
6	19UB107	E. ABITHA	Laboratory Safety Rules
7	19UB108	V.SHARMILA	Laboratory Safety Rules
8	19UB109	J. HEXIBA	Laboratory Safety Rules
9	19UB110	M. KARNIKA (LEFT)	Laboratory Safety Rules
10	19UB111	J. JUBAITHA NACHIYAR	Laboratory Safety Rules
11	19UB112	N. SUBATHARSHINI	Laboratory Safety Rules
12	19UB113	M. ABITHA	Laboratory Safety Rules
13	19UB114	D. DEVAPRIYA	Laboratory Safety Rules
14	19UB115	P. ELAKKIYA	Laboratory Safety Rules
15	19UB116	M. KRISHNAVENI	Laboratory Safety Rules
16	19UB117	M. FAIQAH	Laboratory Safety Rules

**VALUE ADDED COURSE – LABORATORY SAFETY RULES**

**2021-2022**

**VALUE ADDED COURSE FROM: 04.09.2021 TO 18.12.2022**

<b>S.No</b>	<b>Name of the Staff In charge</b>	<b>Date</b>	<b>Portion Covered</b>
1.	Ms.M.BHARATHI	04-09-2021	Identification of Hazard and Hazard Categorization
		09-09-2021	Method for Elimination
		18-09-2021	Classification Of Chemical Hazardous
		25-09-2021	Chemical Hazards 1. Laboratory Safety 2. Bulk Handling 3. Chemicals
		09-10-2021	Fire and Explosion Hazards fire detection, Prevention and control, Extinguishment
		18-10-2021	1. Industrial layout 2. Industrial Waste Management
		23-10-2021	Chemicals causing health Hazards Irritants, Asphyxiated, Anesthetics.
		30-10-2021	Systemic poisons and carcinogen, chronic and acute exposure.
		13-11-2021	Route of entry types of airborne contaminants
		20-11-2021	Re-Label any new transfer bottle.
		30-11-2021	Implement the proper procedure for responding to spills.
		04-12-2021	Spills Emergencies and Injuries.
		11-12-2021	Development of Chemical Inventory
		18-12-2021	Maintenance of a Chemical Inventory.

**SYLLABUS FOR VALUE ADDED COURSE**

**HOME CARE MANAGEMENT**  
**2021 to 2022 – EVEN SEMESTER**

Semester-V / Short Time certificate course-II	<b>HOME CARE MANAGEMENT</b>	Course Code:-----
Instruction Hours: 2	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

**Course Objectives:**

- Understand the meaning of management and managerial effectiveness
- Analyze the various causes for food spoilage and apply that in food preservation
- Understand the basic principles of cooking and apply that in the different methods of cooking.
- Understand time pressures and the need for time management.
- Understand the concept of visual pleasure and apply it in flower arrangement

<b>Unit I</b>	<b>FOOD SCIENCES:</b> ICMR recommended basic five food groups. General composition and nutritive value of cereals; pulses and nuts; milk and meat products; vegetables and fruits. <b>(6 Hrs)</b>
<b>Unit II</b>	<b>FOOD PRESERVATION:</b> Food spoilage – Definition, causes, types of spoilage and preventing methods; Preservation of fruits -sugar concentrates; jam and jelly. Pickling - Principle, types and spoilages encountered in pickles. <b>(6 Hrs)</b>
<b>Unit III</b>	<b>COOKING AND COOKING METHODS:</b> Cooking – preliminary preparations and objectives of cooking; methods of cooking; advantages and disadvantages of different cooking and cooking methods <b>HEALTH AND NUTRITION EDUCATION:</b> Introduction, nutrition and prevention of infection, safe drinking water,

	environmental sanitation. Immunization schedule <b>(6 Hrs)</b>
<b>Unit IV</b>	<b>HOUSING AND INTERIOR DECORATION:</b> Features to be considered in house construction - orientation grouping, roominess, lighting, ventilation, storage facilities, flexibility and safety. <b>Flower arrangement</b> - types of arrangement, selection of vases, flowers and accessories. <b>Home furnishing</b> – Selection, arrangement and care of furniture in different rooms, furnishing material, draperies and curtains, floor coverings and accessories. <b>(6 Hrs)</b>
<b>Unit V</b>	<b>FAMILY RESOURCE MANAGEMENT:</b>  Resources - Classification of family resources. Management process - Planning, controlling and evaluation. Time and energy management – Importance of time and energy. Guidelines in planning time schedule. Fatigue – types and ways of overcoming fatigue . <b>(6 Hrs)</b>

**Text Book:**

1. Srilakshmi, B. (2001). Food Science, New Age International (P) limited Publishers, New Delhi.

**Reference Books:**

1. ShanthiGhosh, (1997). Nutrition and Child Care - A Practical Guide. Jaypee Brothers Medical Publishers (P) Ltd., New Delhi.
2. ChinthapalliVidya, (1996). A Text Book of Nutrition. Discovery Publishing House, New Delhi.
3. Deshpande, R.S. (1985). Build your own home. Poona United Book Corporation
4. Man Home Management for Indian families, Kalyani Publishers, New Delhi.

**e- Resources:**

1. <https://www.bizmove.com/books/household-management-books.htm>.
2. <https://www.anchor-publishing.com/document/317230>.

**Course Outcomes:**

On completion of the course the learner will be able

CO 1:	Understand the meaning and importance in Home Management and scope of Home management
CO 2:	understand the food, nutrition, food preservation, health, safety in food, home and environment
CO 3:	Discuss the significance and positive impacts of time, energy and money management
CO 4:	Extrapolates the concepts of food science and food management to individuals and groups and to the institution.
CO 5:	Understand Family resource.



# **A.D.M. COLLEGE FOR WOMEN**

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**NAGAPATTINAM 611 001.**

## **DEPARTMENT OF BIOCHEMISTRY**

**ORGANIZES A**

**VALUE ADDED COURSE**

**ON**

**HOME CARE**

**MANAGEMENT**

**Duration – 30 hrs**

**Time – 26-02-2022 to 28-05-2022**

**All are cordially invited**



**NAME LIST FOR VALUE ADDED COURSE**  
**HOME CARE MANAGEMENT**  
**2021 to 2022 – EVEN SEMESTER**

PROGRAMME	S.NO	REG.NO	NAME OF THE STUDENTS
<b>B.A History</b>	1.	19UH024	UMAVATHI . A
	2.	19UH029	KALAISELVI . V
	3.	19UH044	PADMASHRUTHI . S
	4.	19UH046	AROCKEYAMARY.P
	5.	19UH047	NAGASHRI – G
<b>B.Com (A)</b>	6.	19UC004	NANDHINI.N
	7.	19UC011	KANISHA DEVI.S
	8.	19UC023	SINDHU.D
	9.	19UC025	DHANALAKSHMI.H
	10.	19UC036	PRIYADHARSHINI.K
	11.	19UC038	VANITHA.M
	12.	17UC020 (REDO)	ABINAYA.V
<b>B.Sc., Zoology</b>	13.	19UZ001	NIVEDHA.G
	14.	19UZ013	SARANYADEVI.P
	15.	19UZ026	SATHANA.D
	16.	19UZ028	SANDHIYA.L
	17.	19UZ031	DEEBALAKSHMI.S
	18.	19UZ034	OVIYA.D
	19.	19UZ037	ESWARI.B
<b>BBA</b>	20.	19UBA119	FOWZUL ENAYA.M
<b>B.A Tamil</b>	21.	19UTA102	SUJITHA .R
	22.	19UTA103	MATHUMITHA .A
	23.	19UTA106	NARMATHA .V

	24.	19UTA107	SELVAGAYATHRI .S
	25.	19UTA108	MADHUMITHA .K
	26.	19UTA109	ANANTHA SELVI .B
	27.	19UTA110	INDHU .P
	28.	19UTA111	VINOTHINI .A
	29.	19UTA112	AASHIKA .K
	30.	19UTA113	SHARMILA .M
	31.	19UTA114	KAVIYA .R
	32.	19UTA115	SUBA .S
	33.	19UTA118	SHARMILA .S
	34.	19UTA120	ANANDHI .S
	35.	19UTA124	ASIYA.P
<b>B.A English</b>	36.	19UEN102	RUFIYA JULAIGA .M
	37.	19UEN103	DHASNEEM SHEHA .A
	38.	19UEN105	FEMINA NASREEN .S
	39.	19UEN106	THASLIMA AFRIN A.G
<b>B.Sc., Geology</b>	40.	19UG101	ATCHAYA.V
	41.	19UG102	PRIYANKA.S
	42.	19UG110	NASREEN.S
	43.	19UG113	HAJARA SUHAIFA.A
	44.	19UG115	ALONSIYA ZHAKLINE.A
	45.	19UG117	LUSIYA.F
<b>B.VOC Software</b>	46.	19VX002	BANUPRIYA.V
	47.	19VX007	KAVIYA.R
	48.	19VX010	SUTHANTHIRA BHARATHI.G
	49.	19VX015	S. PUNITHA

**VALUE ADDED COURSE - HOME CARE MANAGEMENT**  
**2021-2022**

**VALUE ADDED COURSE FROM: 26.02.2021 TO 28.05.2022**

S.No	Name of the Staff In charge	Date	Subject
1.	Ms.M.BHARATHI	26-02-2022	ICMR Recommended five Food Groups 1. Cereals 2. Pulses 3. Nuts 4. Milk 5. Meat Products composition and Nutritional Value.
		05-03-2022	1. Fruit and Vegetable composition and Nutritional Values 2. Food Spoilage – Causes types of spoilage & Preventing Method
		12-03-2022	Preservation of fruit, sugar , Jam, Jelly, Pickling. Types and spoilages encounter in Pickles.
		19-03-2022	Cooking – Preliminary Preparation and objective of cooking.
		26-03-2022	Advantages and Disadvantages of different cooking and cooking method.
		09-04-2022	Introduction to Nutrition and Prevention of Infection, Safe Drinking Water.
		23-04-2022	1. Environmental Sanitation 2. Immunization Schedule

			3. Features of home Construction
		30-04-2022	Orientation grouping, roominess, Lighting, Ventilation, Storage Facilities, flexibility and safety.
		07-05-2022	Types of Flower Arrangement and Accessories, Home furnishing Selection, Furniture in Different rooms Furnishing material, Floor Covering and Accessories.
		14-05-2022	Classification of family Resources management process. Planning controlling and Evaluation.
		28-05-2022	<ol style="list-style-type: none"> <li>1. Time &amp; Energy management</li> <li>2. Importance of time &amp; Energy.</li> <li>3. Guidelines in Planning time Schedule</li> <li>4. Types of Fatigue and Wat of Fatigue overcoming Fatigue.</li> </ol>

## VALUE ADDED COURSE (MULTI DISCIPLINARY)

2021- 2022

<b>Semester -V/ Value Added Course - I</b>	<b>GOODS AND SERVICES TAX</b>	<b>Course Code :</b>
<b>Instruction Hours : 30</b>	<b>Credits: 2</b>	<b>Exam Hours : 3</b>
<b>Internal Marks - 25</b>	<b>External Marks -75</b>	<b>Total Marks : 100</b>

### Course Objectives:

- To impart knowledge about basic concepts relating to GST.
- To enable the students to gain knowledge about Power and Function of GST.
- To provide knowledge about registration under GST
- To educate the students about the procedure to levy (CGST, SGST).
- To inculcate knowledge on procedure to levy IGST.

<b>UNIT - I</b>	<b>INTRODUCTION TO GOODS AND SERVICES</b> GST - Meaning - Salient Features - Advantages and Disadvantages.	6 Hours
<b>UNIT - II</b>	<b>GST POWERS AND FUNCTIONS</b> Structure of GST (Dual Model) - Central GST - State / Union Territory GST - GST Council - Powers and Functions	6 Hours
<b>UNIT - III</b>	<b>REGISTRATION UNDER GST</b> Registration under GST - Procedure for Registration, Persons liable for Registration, Persons not Liable for Registration, Compulsory Registration, Deemed Registration - Exempted Goods and Services - Rates of GST	6 Hours
<b>UNIT - IV</b>	<b>PROCEDURE TO LEVY CGST, SGST</b> Procedure relating to levy (CGST, SGST) - Scope of Supply, Time of Supply of Goods and Supply Services.	6 Hours

<b>UNIT - V</b>	<b>PROCEDURE TO LEVY GST</b> Procedure relating to IGST – Inter State Supply, Intra – State, Zero Rates Supply, Value of Taxable Supply – Computation of Taxable Value and tax Liability.	6 Hours
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**Text Books:**

1. Dr. GhousiaKhatoon, prof.NaveenKumar.C.M., & Dr. Venkatesh.S.N., Goods, Service Tax, Himalaya Publishing House, Sarangapani Street, T.Nagar, Chennai
2. Reddy. T.S and Dr.Hari Prasad Reddy. Y., Business Taxation (Indirect Taxes), Margham Publication, No.24 Rameswaram Road, T.Nagar, Chennai – 17.

**Reference Books:**

1. Richard Paul, M.Mose Antony Rajendran, Indirect Tax and GST.LAP Lambert Academic publisher.

**Web-Resources:**

1. [https:// castudyweb.com](https://castudyweb.com)
2. <https://taxmanagementindico.com>
3. <https://gst.caknowledge.com>

**Course Outcomes:**

On Completion of the Course, Students Should be able to

<b>CO 1:</b>	To understand the basic concepts of GST
<b>CO 2:</b>	To gain knowledge about Power and Function of GST.
<b>CO 3:</b>	To acquire knowledge about registration under GST
<b>CO 4:</b>	To learn about the procedure to levy on (CGST, SGST).
<b>CO 5:</b>	To understand the procedure to levy on IGST.



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**DEPARTMENT OF BUSINESS ADMINISTRATION**

**ORGANIZES A  
VALUE ADDED COURSE  
ON  
GOODS AND SERVICES TAX**

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**Duration – 30 hrs**

**Time – 20-10-2021 to 10-01-2022**

**All are cordially invited**



**VALUE ADDED COURSE-I - GOODS AND SERVICES TAX**  
**LIST OF STUDENT**

S. No	Reg. No	Name of the student	Class
1	19UBA101	Iswarya.v	III-BBA
2	19UBA102	Siva ananthi. S	III-BBA
3	19UBA103	Menaga. R	III-BBA
4	19UBA104	Jayasutha. K	III-BBA
5	19UBA105	Vimala. D	III-BBA
6	19UBA106	Roja. M	III-BBA
7	19UBA107	Suretha. N	III-BBA
8	19UBA108	Anija.k	III-BBA
9	19UBA109	Selsiya. R	III-BBA
10	19UBA110	AyishaNachiyar. M	III-BBA
11	19UBA111	Sabiyakani. B	III-BBA
12	19UBA112	FathimaMubeena. G	III-BBA
13	19UBA113	AhafrinNafiya	III-BBA
14	19UBA114	HameedNachiyar. N	III-BBA
15	19UBA115	Sanofer. S	III-BBA
16	19UBA116	KhathiysAafrin. S	III-BBA
17	19UBA119	FowzulEnaya. M	III-BBA
18	19UBA120	Priyadharshini. K	III-BBA
19	19UBA121	Hamairahparveen. M	III-BBA
20	19UBA122	Jagathishwari. S	III-BBA
21	19UBA123	Aarthi. M	III-BBA
22	19UBA124	Ramya. V	III-BBA
23	19UBA125	Santhiya. N	III-BBA
24	19UBA126	Priyanga. B	III-BBA
25	19UBA127	Jaya. K	III-BBA



26	19UBA128	Risha. S	III-BBA
27	19UBA129	Sahana Rose. N	III-BBA

**CERTIFICATE COURSE – GOODS AND SERVICES TAX**  
**VALUE ADDED COURSE FROM 20.10.2021 TO 10.01.2022**

S.No	Date	Name of The Staff Incharge	Work Done
1.	20.10.2021	<b>Mrs. R.Kavitha</b>  <b>Mrs. M.Thamilmathi</b>	GST – Meaning, Definition and Types
2.	25.10.2021		Sailent Features of GST, Objectives of GST
3.	27.10.2021		Advantages and Disadvantages of GST
4.	29.10.2021		Structure of GST
5.	08.11.2021		Central GST&State / Union Territory GST
6.	09.11.2021		GST Council&Powers and Functions
7.	13.11.2021		Registration under GST, Procedure for Registration,
8.	20.11.2021		Persons liable for Registration&Persons not Liable for Registration, Compulsory Registration, Deemed Registration
9.	04.11.2021		Exempted Goods and Services – Rates of GST
10.	11.11.2021		Procedure relating to levy (CGST, SGST)
11.	18.11.2021		Scope of Supply
12.	04.01.2022		Time of Supply of Goods and Supply Services.
13.	05.01.2022		Procedure relating to IGST
14.	05.01.2022		Inter State Supply, Intra – State, Zero Rates Supply,
15.	10.01.2022		Value of Taxable Supply – Computation of Taxable Value and tax Liability.

**DEPARTMENT OF BUSINESS ADMINISTRATION**  
**VALUE ADDED COURSE II**

<b>Semester – VI</b>	<b>e- BUSINESS</b>	<b>Course Code :</b>
<b>Instruction Hours : 30</b>	<b>Credits: 2</b>	<b>Exam Hours : 3</b>
<b>Internal Marks – 25</b>	<b>External Marks -75</b>	<b>Total Marks : 100</b>

**Course Objectives:**

- To make the students to understand about the concepts of e- business.
- To educate the students to learn e –CRM software.
- To give in-depth knowledge of documentation through MS word.
- To gain the knowledge about an electronic Market.
- To inculcate the knowledge on Internet.

<b>UNIT – I</b>	<p><b>Introduction:</b> Basic Internet fundamentals: Overview of the Internet, Browsing the world wide web, Electronic Mail, Basics of using FTP, Newsgroups, Searching the web to gain Market Intelligence, Internet Technology.</p>	<b>6 Hrs</b>
<b>UNIT – II</b>	<p><b>e-CRM Software:</b> E-CRM - Meaning - Difference between CRM &amp; e CRM - Features of e –CRM – e-CRM Software.</p>	<b>6 Hrs</b>
<b>UNIT – III</b>	<p><b>MS-office overview:</b> MS-office overview - Data Entry - Graphs - Aggregate Functions - Formulas &amp;Function Different No System &amp; Conversion.</p>	<b>6 Hrs</b>
<b>UNIT – IV</b>	<p><b>Electronic Market:</b> An Electronic Market place of buyers &amp; Sellers - Collaborating on a distribution chain -online Catalog.</p>	<b>6 Hrs</b>
<b>UNIT – V</b>	<p><b>Internet:</b> Lab Practical CIA - 10 Marks (Overview of the Internet, Browsing the world wide web, Electronic Mail).</p>	<b>6 Hrs</b>

**Text Books:**

1. David Edmundson – Bird, Digital Business and e- Commerce management, Pearson Publishers, 7<sup>th</sup> Edition 2019.
2. Davi Chaffey, E- Business and E- Commerce Management, Prentice Hall Publishers, 5<sup>th</sup> Edition 2011.

**Reference Books:**

1. SyamalesMaiti&SweetySadhukhan, E- Commerce and E –Business Communication McGraw Hill Publishers, 1<sup>st</sup> Edition 2019.
2. Harvey M.Deitel, E- Business and E-Commerce for Managers, Prentice Hall Publishers, 1<sup>st</sup> Edition 2001.

**Web – Resources:**

1. <https://www.freebookcenter.net>>.
2. <https://www.dl.acm.org>>doi>book.

**Course Outcomes:**

On completion of the course the learner will be able

CO 1:	To understand the various aspects of e-business.
CO 2:	To outline the evolution of e-CRM software..
CO 3:	To assess the knowledge about MS Word.
CO 4:	To gain the knowledge on Electronic market.
CO 5:	To create an understanding of internet.

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**DEPARTMENT OF BUSINESS ADMINISTRATION**

**ORGANIZES A  
VALUE ADDED COURSE  
ON  
E- BUSINESS**

**Duration – 30 hrs**

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**Time – 19-03-2022 to 30-05-2022**

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**All are cordially invited**

**VALUE ADDED COURSE-II - E- BUSINESS**

**2021 - 2022 EVEN SEMESTER**

**LIST OF STUDENT**

<b>S. No</b>	<b>Reg. No</b>	<b>Name of the student</b>	<b>Class</b>
1	19UM040	Pavithra.R	III – B.ScMaths
2	19UM048	Sowmiya. T	III – B.ScMaths
3	19UCS101	Sakthipriya. M	III – B.Sc CS
4	19UCS102	Dayana. A. E	III – B.Sc CS
5	19UCS103	Sathiyapriya. S	III – B.Sc CS
6	19UCS104	Akshaya. T	III – B.Sc CS
7	19UCS105	Keerthana. T	III – B.Sc CS
8	19UCS106	Keerthana Devi. V	III – B.Sc CS
9	19UCS107	Rahini. R	III – B.Sc CS
10	19UCS109	Parkavi. B	III – B.Sc CS
11	19UCS110	Sivaranjani. S	III – B.Sc CS
12	19UCS111	Sowmiya. R	III – B.Sc CS
13	19UCS112	Divya. S	III – B.Sc CS
14	19UCS113	Indhumathi. S	III – B.Sc CS
15	19UCS115	Ramya. R	III – B.Sc CS
16	19UCS116	Anusha. A	III – B.Sc CS
17	19UCS117	Mahalakshmi. V	III – B.Sc CS
18	19UCS118	Aarthi. S	III – B.Sc CS
19	19UCS119	Nisha. S	III – B.Sc CS
20	19UCS120	Jayasri. V	III – B.Sc CS
21	19UCS121	Logeetha. S	III – B.Sc CS
22	19UC103	Jnani. M	III – B.Com
23	19UC104	Sneha. R	III – B. Com
24	19UC106	Jeevitha. M	III – B. Com
25	19UCA113	Lavanya. V	III – BCA

26	19UCA114	BalginaSulthana. M	III – BCA
27	19UCA115	Mathumitha. E	III – BCA
28	19UCA117	Vijayalakshmi. K	III – BCA
29	19UCA119	Agalya. M	III – BCA
30	19UCA120	Atchaya. M	III – BCA
31	19UCA121	NazlaBegam. T	III – BCA
32	19UCA122	Visalini. R	III – BCA
33	19UCA123	BaahiraRilwana. B	III – BCA

**VALUE ADDED COURSE-II**  
**E - BUSINESS**  
**2021-2022**  
**VALUE ADDED COURSE FROM: 19.03.2022 TO 30.05.2022**

S.No	Date	Name of the Staff incharge	Work done
1.	19.03.2022	Mrs. R.Kavitha	Basic Internet fundamentals: Overview of the Internet
2.	20.03.2022		Browsing the world wide web, Electronic Mail, Basics of using FTP
3.	09.04.2022		Newsgroups, Searching the web to gain Market Intelligence, Internet Technology.
4.	30.04.2022		e-CRM Software
5.	30.04.2022		Difference between CRM & e CRM
6.	07.05.2022	Mrs. M.Thamilmathi	Features of e -CRM
7.	13.05.2022		MS-office overview - Data Entry
8.	14.05.2022		Aggregate Functions - Formulas
9.	21.05.2022		Function Different No System & Conversion.
10.	24.05.2022		An Electronic Market place of buyers & Sellers
11.	25.05.2022		Collaborating on a distribution chain
12.	26.05.2022		Online Catalog
13.	27.05.2022		Overview of the Internet
14.	28.05.2022		Browsing the world wide web
15.	30.05.2022		Electronic Mail



**NAGAPATTINAM-611 001**

**(Nationally Re-accredited with 'A' Grade by NAAC- 3<sup>rd</sup> Cycle)**

**PG DEPARTMENT OF COMPUTER SCIENCE**



**SHORT TERM CERTIFICATE COURSE**

**(VALUE ADDED COURSE)**

**SYLLABUS 2021-2022**

**A.D.M.COLLEGE FOR WOMEN,(AUTONOMOUS),NAGAPATTINAM.  
PG DEPARTMENT OF COMPUTER SCIENCE**

**CIRCULAR**

PG Department of Computer Science Organize “**MULTIMEDIA TECHNOLOGY - I LAB**” Value Added course to our Department Students.Value Added Courses provide so many good opportunities for Students. Our department staff members handle this Value Added course from 13.11.2021 to 16.02.2022 at 10.00am to 12.00pm.All the students utilize this course.

A handwritten signature in green ink, appearing to read 'Ushula Jada', is written over a light grey rectangular background.

**Signature of the HOD**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PGDEPARTMENT OF COMPTUER SCIENCE**  
**CERTIFICATE COURSE- (2021-2022)**  
**MULTIMEDIA TECHNOLOGY - I**

**Course Objective:**


To give technical skills of audio and video editing to the students so that they may edit and compose sounds and videos as per their need.

**List of Practicals**

1. Matrix effect using time remapping
2. Swinging text effect.
3. Type animation.
4. Cinematic title animation.
5. Text animation.

**Course Outcome:**

1. Students learn to record, edit and publish audio for animation.
2. They also learn the techniques of video editing with various tools.



**Signature of HOD**

**PG DEPARTMENT OF COMPUTER SCIENCE**  
**VALUE ADDED COURSE**  
**2021-2022**  
**INDEX**

<b>PROGRAMME</b>	<b>NUMBER OF STUDENTS ENROLLED</b>
B.Sc., COMPUTER SCIENCE	36
B.C.A	22
<b>Total</b>	<b>58</b>

**PG DEPARTMENT OF COMPUTER SCIENCE**

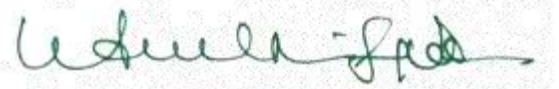
**VALUE ADDED COURSE 2021-2022**

**Name List**

<b>PROGRAMME</b>	<b>S.NO</b>	<b>REG.NO</b>	<b>NAME OF THE STUDENTS</b>
B.Sc., Computer Science	1.	19UCS101	M.Sakthipriya
	2.	19UCS102	A.E.Dayana
	3.	19UCS103	S.Sathiyapriya
	4.	19UCS104	T.Akshaya
	5.	19UCS105	T.keerthana
	6.	19UCS106	V.Keerthanadevi
	7.	19UCS107	R.Rahini
	8.	19UCS109	B.Parkavi
	9.	19UCS110	S.Siva ranjani
	10.	19UCS111	R.Sowmiya
	11.	19UCS112	S.Divya
	12.	19UCS113	S.Indhumathi
	13.	19UCS115	R.Ramya
	14.	19UCS116	A.Anusha
	15.	19UCS117	V.Mahalakshmi
	16.	19UCS118	S.Aarthi
	17.	19UCS119	S.Niha
	18.	19UCS120	V.Jayasri
	19.	19UCS121	S.Logitha
	20.	19UCS122	D.Rajkamali
	21.	19UCS124	N.Karthikadevi
	22.	19UCS125	R.Jayapriya

	23.	19UCS126	R.Subashini
	24.	19UCS127	T.Divya
	25.	19UCS128	R.Samini
	26.	19UCS129	R.Suganya
	27.	19UCS130	K.Rakshaya
	28.	19UCS131	R.Bhuvaneswari
	29.	19UCS132	V.Punitha
	30.	19UCS133	K.Aarthi
	31.	19UCS134	V.Muthulakshmi
	32.	19UCS135	R.Keerthana
	33.	19UCS136	R.Sugashini
	34.	19UCS138	K.Kamali
	35.	19UCS140	M.Sowmiya
	36.	19UCS141	G.Varshini
B.C.A	37.	19UCA101	S.Humaira
	38.	19UCA102	S.Yasmin
	39.	19UCA103	K.Cefana Farvin
	40.	19UCA104	M.Akalya
	41.	19UCA105	S.Asmathul Hazeena
	42.	19UCA106	H.Shafna Aasmi
	43.	19UCA107	F.Fathima Fairrose
	44.	19UCA108	C.Sona
	45.	19UCA111	H.Musfira
	46.	19UCA112	S.Hemalatha
	47.	19UCA113	V.Lavanya
	48.	19UCA114	M.Balgina Sulthana
	49.	19UCA115	E.Mathumitha
	50.	19UCA117	K.Vijayalakshmi

51.	19UCA119	M.Akalya
52.	19UCA120	M.Atchaya
53.	19UCA121	T.Nazla Begum
54.	19UCA122	R.Visalini
55.	19UCA123	B.Baahira Rilwana
56.	19UCA124	K.Yazhini
57.	19UCA125	R.Vembu
58.	19UCA126	R.Reshma

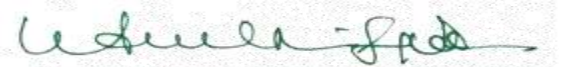


**Signature of HOD**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG DEPARTMENT OF COMPUTER SCIENCE**  
**VALUE ADDED COURSE**

2021-2022

S.NO	DATE	TITLE	HANDLING STAFF MEMBERS	PARTICIPANTS
1.	03.11.2021	Matrix effect using time remapping	Mrs. K. Devi	III B.Sc., CS III B.C.A
2.	04.12.2021	Swinging text effect.	Mrs. K. Devi	III B.Sc., CS III B.C.A
3.	24.12.2021	Type animation.	Mrs. K. Devi	III B.Sc., CS III B.C.A
4.	04.01.2022	Cinematic title animation.	Mrs. R. AgilaDevi	III B.Sc., CS III B.C.A
5.	19.03.2021	Text animation	Mrs. R. AgilaDevi	III B.Sc., CS III B.C.A





Signature of HOD


**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**

**PG DEPARTMENT OF COMPUTER SCIENCE**

**VALUE ADDED COURSE 2021-2022**



Name of the Staff In-charge	Date	Subject	Signature
Mrs. K. Devi	03.11.21	Matrix effect using time remapping	
	20.11.21		
	27.11.21		
	04.12.21	Swinging text effect.	
	11.12.21		
	18.12.21		
	24.12.21		
	31.12.21	Type animation.	
	04.01.22		
	05.01.22		
Mrs. R. Agila Devi	24.01.22	Cinematic title animation	
	25.01.22		
	26.01.22		
	27.01.22	Text animation	
	28.01.22		
	15.02.22		

  
Signature of the HOD

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS),  
NAGAPATTINAM-611 001**

**(Nationally Re-accredited with 'A' Grade by NAAC- 3<sup>rd</sup> Cycle)**

**PG DEPARTMENT OF COMPUTER SCIENCE**



**SHORT TERM CERTIFICATE COURSE  
(VALUE ADDED COURSE)**

**SYLLABUS 2021-2022**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM.**

**PG DEPARTMENT OF COMPUTER SCIENCE**

## **CIRCULAR**

PG Department of Computer Science Organize “**MULTIMEDIA TECHNOLOGY - II (DTP) LAB**” Value Added course to other Department Students. Value Added Courses provide so many good opportunities for Students. Our department staff members handle this Value Added course from 26.02.2022 to 04.06.2022 at 10.00am to 12.00pm. All the students utilize this course.

A handwritten signature in green ink, appearing to read 'Ushula-Jada', is centered on the page.

**Signature of the HOD**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM  
PGDEPARTMENT OF COMPTUER SCIENCE  
VALUE ADDED COURSE  
(MULTIDISCIPLINARY COURSE)**

**SEMESTER VI**  
**MULTIMEDIA TECHNOLOGY – II**  
**(Desktop Publishing)**

**Course Objective:**

- To provide the participants understanding of the techniques essential to build their career in desktop publishing using suitable hardware and software tools.

**Adobe PageMaker:**

Components of PageMaker, Toolbox, Palettes, Working with text. **Constructing a Publication:** Creating a new Page, Save publication, Preferences. **Edit Text:** Edit Story, Master Page, Measurement, Ruler & guideline, Page numbers.

**Text formatting:**

Type Menu , Control Palette , Expert Tracking , Indents And Tab. **Element Menu:** Fill , Fill and Stroke , Create a Frame , Arrange , Wrap text Group Object , Image Control , Change the Shape Of Polygon/ Rectangle.

**Utilities Menu:** Checking Spelling & Grammar, Change Case, Index Entry.

**Corel draw:**

Introduction, Toolbars, Components of Corel draw. **Edit Menu:** Introduction to Corel draw, Duplicate, Clone. **View menu:** Full screen Preview, Grid and ruler setup.

**Layout Menu:** Insert page, Delete page, Switching page Orientation, Page setup.

**Arrange Menu:**

Introduction, Transformation, Order, Behind, Group, Shaping. **Effects Menu:** Adjust, Transform, Artistic Media, Contour, Extrude. **Bitmap Menu:** Convert to bitmap, Mode, 3D Effect.

**Art Strokes:**

Charcoal, Pastels, Pen & ink, Scrap oared, Sketchpad, Watercolor, Blur, Smooth, Color transform, Halftone. **Art Stocks:** Edge Detect, Find edge. **Creative:** Crafts, Glass black Sample glass. **Distort:** Blocks, swirl.

**Exercises:**

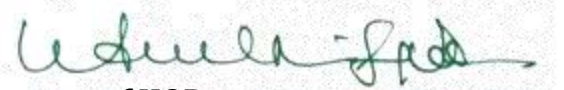
1. Working with text
2. Story Editing

3. Expert Tracking
4. Fill and Stroke
5. Wrap Text and Group Object
6. Switching page orientation
7. Transformation and Adding effects
8. Convert to bitmap, 3D Effect
9. Art Strokes and Dsitort

**CourseOutcomes:**

Students will be able to

- Effectively & efficiently produce formatted text and graphics.
- Create Documents and Templates, add text into documents using various methods.
- Apply different formatting styles to characters and paragraphs.
- Import graphics, create objects using various tools and add effects to objects.
- Create a book and export it into PDF.



**Signature of HOD**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG DEPARTMENT OF COMPUTER SCIENCE**  
**VALUE ADDED COURSE**  
**2021-2022**  
**INDEX**

<b>PROGRAMME</b>	<b>NUMBER OF STUDENTS ENROLLED</b>
III B.Sc., Chemistry	05
III B.Sc., Mathematics(A)	40
III B.Sc., Mathematics(SF)	10
III B.Sc., Geology	03
<b>Total</b>	<b>58</b>

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**

**PG DEPARTMENT OF COMPUTER SCIENCE**

**VALUE ADDED COURSE2021-2022**

**Name List**

<b>PROGRAMME</b>	<b>S.NO</b>	<b>REG.NO</b>	<b>NAME OF THE STUDENTS</b>
B.Sc., Chemistry	1.	19UCH005	THENMOZHI .S
	2.	19UCH018	RAJASRI .J
	3.	19UCH021	PRIYADHARSHINI .G
	4.	19UCH036	HARINI.S
	5.	19UCH039	SNEHA.S
B.Sc., Mathematics(A)	6.	19UM001	MAHESWARI .S
	7.	19UM002	DHIVINYA .C
	8.	19UM003	MALATHI .M
	9.	19UM004	SARANYA .J
	10.	19UM005	MAIMOON NACHIYAR .M
	11.	19UM006	ROSAN SHAFEEHAA .J
	12.	19UM007	RANJITHA .K
	13.	19UM009	EZHIL VIZHI .V
	14.	19UM011	RAMYA .P
	15.	19UM012	INUL MARLIYA .M
	16.	19UM013	AISHWARYA .M.S
	17.	19UM014	KIRUTHIKA .M
	18.	19UM015	SOWMIYA .M
	19.	19UM016	SANTHINI .S
	20.	19UM017	VINOTHINI .R
	21.	19UM018	MADHUNISHA .E
	22.	19UM019	MENAKA .B
	23.	19UM020	KAMALI .M

	24.	19UM022	LAKSHMI DEVE .B
	25.	19UM023	MAHALAKSHMI .S
	26.	19UM024	VISALI .R
	27.	19UM025	PRIYASAKTHI .K
	28.	19UM026	KALAIVANI .A
	29.	19UM027	DIVYA .B
	30.	19UM028	SNEKA .K
	31.	19UM029	VALLI .P
	32.	19UM031	RATHISHREE .J
	33.	19UM032	NANDHINI .P
	34.	19UM033	GEETHALAKSHMI .V
	35.	19UM034	YOGA .P
	36.	19UM036	JENNIFER JENOLIA .S
	37.	19UM037	NIKKITHA .T
	38.	19UM039	VEERALAKSHMI .V
	39.	19UM041	NANDHINIKUMARI .B
	40.	19UM042	GOGULAPRIYA R
	41.	19UM043	NARMADHA .T
	42.	19UM044	SOWMIYA .N
	43.	19UM045	GANGA .C
	44.	19UM046	V. GAYATHRI
	45.	19UM047	AGALYA .K
B.Sc., Mathematics(SF)	46.	19UM102	AGALYA.S
	47.	19UM103	ABIRAMI.D
	48.	19UM105	MAHALAKSHMI.P
	49.	19UM108	ABITHA.P
	50.	19UM110	KIRUBHASHINI.V
	51.	19UM111	MERLIN PRITILDA.P



	52.	19UM112	KEERTHANA.M
	53.	19UM114	SIVASHANKARI.B
	54.	19UM118	SANGEETHA.S
	55.	19UM121	SRINITHI.P
B.Sc., Geology	56.	19UG106	PADMA PRIYA.D
	57.	19UG108	THILAGAVATHI.G
	58.	19UG111	ARUNDHATHIE.T



**Signature of HOD**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**

**PG DEPARTMENT OF COMPUTER SCIENCE**



**VALUE ADDED COURSE**

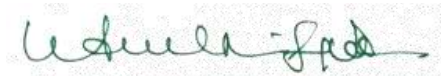
**2021-2022**

S.NO	DATE	TITLE	HANDLING STAFF MEMBERS	PARTICIPANTS
1.	26.02.2022 & 05.03.2022	Working with text	Mrs. K. Devi	III B.Sc., Chemistry III B.Sc., Maths(A) III B.Sc., Maths(SF) III B.Sc., Geology
2.	12.03.2022 & 19.03.2022	Story Editing	Mrs. K. Devi	
3.	26.03.2022 & 09.04.2022	Expert Tracking	Mrs. K. Devi	
4.	23.04.2022	Fill and Stroke	Mrs. K. Devi	
5.	30.04.2022	Wrap Text and Group Object	Ms.V.Muthu Sowmiya	
6.	07.05.2022	Switching page orientation	Ms.V.Muthu Sowmiya	
7.	14.05.2022	Transformation and Adding effects	Ms.V.Muthu Sowmiya	
8.	28.05.2022	Convert to bitmap, 3D Effect	Ms.V.Muthu Sowmiya	
9.	04.06.2022	Art Strokes and <b>Distort</b>	Ms.V.Muthu Sowmiya	

**Signature of HOD**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG DEPARTMENT OF COMPUTER SCIENCE**  
**VALUE ADDED COURSE 2021-2022**

Name of the Staff In-charge	Date	Subject	Signature
Mrs. K. Devi	26.02.2022	Working with text	
	05.03.2022		
	12.03.2022	Story Editing	
	19.03.2022		
	26.03.2022	Expert Tracking	
	09.04.2022		
	23.04.2022	Fill and Stroke	
Ms.V.Muthu Sowmiya	30.04.2022	Wrap Text and Group Object	
	07.05.2022	Switching page orientation	
	14.05.2022	Transformation and Adding effects	
	28.05.2022	Convert to bitmap, 3D Effect	
	04.06.2022	Art Strokes and Distort	



**Signature of HOD**



**A. D. M. COLLEGE FOR WOMEN (AUTONOMOUS),  
NAGAPATTINAM  
DEPARTMENT OF GEOLOGY**

**VALUE ADDED COURSE**

***FIELD GEOLOGY & SPATIAL MODELLING  
- MULTI DISPLINARY***



## **Value Added Course - I**

### **Field Geology**

#### **UNIT I**

Previous Literature and Maps, Destruction of Rocks, Physiography, Topographic Expressions and Relief, Inliers and Outliers, Soils and Vegetation, Requirements for the Field, Some Field Suggestions and Precautions.

#### **UNIT II**

Basic equipment, Additional requirements, Supplementary supplies, Special requirements, Optional, For mapping on aerial Photographs. Geological Hammers, Pocket and Hand Lenses, Hydrochloric Acid, Streak Plate, Pocket Knife, Measuring Tapes and Scales, Haversack or Rucksack, Mohs scale of Hardness, Cold Chisel, Protractors, Pocket Calculator, Cameras, Care and Upkeep of Instruments.

#### **UNIT III**

The Compass and Its Uses, Dip of the Compass Needle, Magnetic Declination, Clinometer, Bearing and Reading Directions, Measuring Attitudes, Handling of the Compass, Finding Direction without a Compass.

#### **UNIT IV**

Base Maps, Scale of Maps, Direction of Relief, Latitudes and Longitudes, Map Grids Measurement of the Map Areas, Mounding and Folding of Field Maps, Marking on Maps.

#### **UNIT V**

The Notebook, Notes, Checklist for Notes, Writing Materials, Field Sketches and Drawings, Field Photographs. Trimming of Hand Specimens, Fossil Specimens, Mineral Specimens, Samples and Samplings, Numbering and Labelling of Specimens, Packing and Storage.

#### **Text Books:**

1. Davis, G.R. 1984, Structural Geology of Rocks and Region, John Wiley24
2. H.W. Fairborn, 1949, Structural petrology of deformed rocks, John Wiley and sons
3. John Suppe 1985, Principles of Structural Geology, prentice Hall publications.

**Reference Books:**

1. Price N.J., and Cosgrove, J.W. 1990. Analysis of Geological structures, Cambridge Univ. Press.
2. Ramsay, J.G. and Huber, M.I., 1987, Modern structural Geology Vol. I and II Academic press.
3. Robert R. Compton, 1962, Manual of field geology, John Wiley and sons.

**Value Added Course - II**

**Spatial Modelling - Multi Disiplinary**

## **UNIT I**

Development – Definition – Classification and Verification of spatial models – Spatial System Theory – Temporal modelling and dynamic description of geo objects.

## **UNIT II**

Data models – Static models – Dynamic models – Cartographic models – Spatio – Temporal models – Network models – Models based on purpose – methodology and logic.

## **UNIT III**

Basic statistic and its GIS expression – Spatial dependency – Spatial interpolation (IDW, Kriging and Others) – 3D models of relief.

## **UNIT IV**

Linking numeric and geographic patterns – Normalizing maps – Viewing scatter plots – clustering mapped data – Investigating map correlation.

## **UNIT V**

Dynamic map pedigree – Toward a human GIS – GIS softwar’s changing roles – Evolving the GIS mindset – Multimedia mapping – Map display.

### **Text Books:**

1. Carlo Gaetan& Xavier Guyon (auth), Spatial Statisstics and Modelling 2010

### **Reference Books:**

1. Longley P.A, M.F. Goodchild, D.J. Maguire and D.W. Rhind 2005. John Wiley, Chichester Geographic Information System and Science. Second edition 2005



Academic Year - 2021 - 2022

S-NO	ROLL NO	NAME	30.11.21	4.12.21	11.12.21	17.12.21	20.12.21	22.12.21	23.12.21	31.12.21	6.1.22	7.1.22	10.1.22	11.1.22	17.1.22
1.	1906101	V. ATCHAYA.	X	X	X	X	X	X	X	X	X	X	X	X	X
2.	1906102	S. PRIYANKA.	X	X	X	X	A	X	X	X	X	X	X	X	X
3.	1906103	S.V. VAANMATHI	A	A	A	A	A	A	A	A	A	A	A	A	A
4.	1906104	S. SNEHA.	X	X	X	A	X	X	X	X	X	X	X	X	X
5.	1906105	S.M. MAHALAKSHMI.	X	X	X	X	X	X	X	X	X	X	X	X	X
6.	1906106	D. PADMA PRIYA.	X	X	X	X	X	X	X	X	X	X	X	X	X
7.	1906107	M. MAHITHA.	X	A	X	X	X	A	A	X	X	X	X	X	X
8.	1906108	G. THI LAGIYATHI	X	A	X	A	X	X	X	X	X	X	X	X	X
9.	1906109	S. NAINI	X	A	A	X	X	X	X	X	X	X	X	X	X
10.	1906110	S. NASREEN.	X	X	X	X	X	X	X	X	X	X	X	X	X
11.	1906111	T. ARUNDHATHI	X	X	X	A	X	X	X	X	X	X	X	X	X
12.	1906112	S. SUBHA	X	A	X	X	X	X	X	X	X	X	X	X	X
13.	1906113	A. HAJARA SUHAIFA.	X	X	X	X	X	X	X	X	X	X	X	X	X
14.	1906114	K. GORNA LAKSHMI	X	A	X	X	X	X	X	X	X	X	X	X	X
15.	1906115	A. ALONSIYA ZHAKLINE	X	A	X	X	X	X	X	X	X	X	X	X	X
16.	1906116	S. ABARNA.	X	X	X	X	X	X	X	X	X	X	X	X	X
17.	1906117	F. USIYA.	X	X	X	X	X	X	X	X	X	X	X	X	X

Handling Staff : Dr M. KALIAMMAL

Incharge Staff : Dr M. KALIAMMAL

Signature of the H.O.D. : [Signature]

Signature of the principal :



## Certificate Course for odd semester-2021-2022

### Value added course from 20.11.2021 to 17.01..2022- 30 Hours

S.No	Date/ Time	Name f the Staff in charge	Work done
1.	20.11.2021 (10-12 am)	Mrs.M.Kaliammal Assisstant Profeesor of Geology	Previous Literature and Maps, Destruction of Rocks, Physiography, Topographic Expressions and Relief,
2.	04.12.2021 (10-12 am)		Inliers and Outliers, Soils and Vegetation
3.	11.12.2021 (10-12 am)		Requirements for the Field, Some Field Suggestions and Precautions.
4.	17.12.2021 (10-12 am)		Basic equipment, Additional requirements, Supplementary supplies, Special requirements, Optional, For mapping on aerial Photographs. Geological Hammers, Pocket and Hand Lenses
5.	20.12.2021 (10-12 am)		Hydrochloric Acid, Streak Plate, Pocket Knife, Measuring Tapes and Scales, Haversack or Rucksack, Mohs scale of Hardness, Cold Chisel, Protractors, Pocket Calculator, Cameras, Care and Upkeep of Instruments
6.	22.12.2021 (10-12 am)		The Compass and Its Uses, Dip of the Compass Needle, Magnetic Declination, Clinometer, Bearing and Reading Directions

7.	23.12.2021 (10-12 am)		Measuring Attitudes, Handling of the Compass, Finding Direction without a Compass.
8.	31.12.2021 (10-12 am)		Base Maps, Scale of Maps
9.	06.01.2022 (10-12 am)		Direction of Relief, Latitudes and Longitudes, Map Grids Measurement of the Map Areas,
10.	07.01.2022 (10-1 pm)		Mounding and Folding of Field Maps, Marking on Maps.
11.	10.01.2022 (10-1 pm)		The Notebook, Notes, Checklist for Notes, Writing Materials, Field Sketches and Drawings, Field Photographs
12.	11.01.2021 (10-1 pm)		Trimming of Hand Specimens, Fossil Specimens, Mineral Specimen
13.	17.01.2022 (10-1 pm)		Samples and Samplings, Numbering and Labelling of Specimens, Packing and Storage.