



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.





1.3.2 TRANSFERABLE AND LIFE SKILLS

2022-2023

DEPARTMENT OF HISTORY


ODD SEMESTER



A.D.M. College for Women
(Autonomous)
Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4 th Cycle)
Nagapattinam

Department of History
offers
Value Added Course
2022-2023
on
INTRODUCTION TO CIVIL SERVICE
to
III B.A History

Mrs.R.Alamelu *Dr.R.Anbuselvi*
Head of the Department Principal



VALUE ADDED COURSE

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

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.

Unit I	Indian Civil Service: Definition-Evaluation of Civil Service under British-Bureaucracy – Categories of Bureaucracy through the ages.	6 Hrs
Unit II	Recruitment under British: Indian Civil Services – classification of services and Posts –Provincial civil services – Selection of mode.	6 Hrs
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.	6 Hrs
Unit IV	Tamilnadu State Services: TNPSC –Syllabus- Scheme and Examination- Interview.	6 Hrs
Unit V	Role of Ethics in Civil Service: Self Discipline – Communication skills – Moral responsibilities – Implementation of rule of Law.	6 Hrs

Reference Books:

1. Dr. B.L. Fadia & Dr. Kuldeep Fadia, Elements of Public Administration, Sahitya Bhavan Publications, Agra, 2005.
2. Dr. B.L. Fadia, Administration Theory, Sahitya 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.

INTRODUCTION TO CIVIL SERVICES- ODD SEMESTER

Name List of the Students

S.NO	REG. NO	NAME
1.	20UH001	Asvitha. S
2.	20UH002	Oviya. G
3.	20UH004	Akshaya. A
4.	20UH005	Agalya. P
5.	20UH006	Kalpana. S
6.	20UH007	Jayasri. M
7.	20UH008	Saritha. S
8.	20UH009	Sowmiya. V
9.	20UH010	Vanisri. K
10.	20UH011	Muthulakshmi. V
11.	20UH012	Jayaseela. S
12.	20UH013	Anusri. R
13.	20UH014	Srimathi. G
14.	20UH015	Sneha. J
15.	20UH016	Sowparnica. P
16.	20UH017	Susi. M
17.	20UH018	Bakiyavathi. P
18.	20UH019	Akalya. A
19.	20UH020	Lemavathi. K
20.	20UH021	Durgadevi. K
21.	20UH022	Udayageetha. U
22.	20UH023	Lakshmi. S
23.	20UH024	Maheswari. K
24.	20UH026	Subhagayathri. K
25.	20UH029	Aishwarya. S
26.	20UH030.	Bharkavi. B

CERTIFICATE COURSE FOR ODD SEMESTER-2021-2022

VALUE ADDED COURSE - 30 HOURS

VALUE ADDED COURSE - 2022-2023				CIVIL SERVICE		
PAPER : INTRODUCTION TO				CIVIL SERVICE		
ODD SEMESTER						
DATE	TIME	PORTION COVERED	REMARKS	SIGNATURE OF THE STAFF	SIGNATURE OF THE HOD	Signature of the Principal
27/9/22	10am-12am (2hrs)	What is Civil service? Classification of Civil Service.		S.M.C. 27/9/22	A 11/2/22	
03/10/22	10am-12:30pm (2hrs)	Bureaucracy-Types	Reference for Library	S.M.C. 3/10/22	A 11/2/22	
10/10/22	10am-12:00pm (2hrs)	Recruitment Board	Reference.	S.M.C. 10/10/22	A 11/2/22	
15/10/22	10:00-12:00	Within and without Process of Recruitment		S.M.C.	A	
15/10/22	1:00-12:00	Classification of Civil Services	Assignment Process.	S.M.C.	A	
19/10/22	1:00-12:00	All India Services		S.M.C.	A	
3/11/22	4:00-5:00pm	I.A.S., I.P.S., I.F.S., I.R.s.		S.M.C.	A	
5/11/22	4:00-5:00pm	UPSC - Examination.	Reference for library	S.M.C.	A	
7/11/22	4:00-5:00pm	Scheme and Subject for the Preliminary and main examination		S.M.C.	A	
8/11/22	4:00-5:00pm	TRPSC Board.		S.M.C.	A	
9/11/22	4:00-5:00pm	Syllabus of TRPSC	Library Reference.	S.M.C.	A	

DATE	TIME	PORTION COVERED	REMARKS	SIGNATURE OF THE STAFF	SIGNATURE OF THE HOD	SIGNATURE OF THE PRINCIPAL
12.11.22	2:00-4:00pm	Interview Process.		S.M.C.	R. Chant 11/2/22	
14.11.22	2:00-4:00pm	Do's and Don't of Interview	Journal Reading.	S.M.C.	R. Chant 11/2/22	
23.11.22	10:00-12:00pm	Personality development	Search for Journal	S.M.C.	R. Chant 11/2/22	
29.11.22	10:00-12:00pm	Inner Skill ability		S.M.C.	R. Chant 11/2/22	Signature of the Principal.

VALUE ADDED COURSES 2022 -2023

DEPARTMENT OF HISTORY

EVEN SEMESTER



A.D.M.College for Women

(Autonomous)

*Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4 th Cycle)*

Nagapattinam

Department of History

organize a

Value Added Course

on

INTRODUCTION TO CIVIL SERVICE

Duration: 30 Hours

2022-2023

Mrs.R.Alamelu
Head of the Department

Dr.R.Anbuselvi
Principal

INTRODUCTION TO CIVIL SERVICE

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.	20 UE 002	Jayapriya. S
2.	20 UE 005	Sakthipriya .P
3.	20UE 011	Ranjitha.B
4.	20UE 012	Jothika. G
5.	20UE 013	Kemalatha.K
6.	20UE 015	Arokya Hilda. A
7.	20UE 016	Kaviya.K
8.	20UE 017	Yuvaranjani.A
9.	20UE 020	Gowthunisha.S
10.	20UE 025	Dasleema.A
11.	20UE 027	Induja.J
12.	20UE 028	Sarulatha.S
13.	20UE 029	Thanushiya.S
14.	20UE 035	Ashtalakshmi.G
15.	20UCH017	Balaabirami.R
16.	20UCH018	Meera.V
17.	20UCH022	Yogasri.R
18.	20UCH031	Jeeva.R
19.	20UTA 101	Jemimal.V
20.	20UTA 103	Om Sakthi Priya.S
21.	20UTA 107	Rithika.A
22.	20UTA 114	Santhiya.V
23.	20UTA 115	Karthigadevi.P
24.	20UTA 117	Malathi.G
25.	20UTA 118	Vidhya.B

Certificate Course for Evensemester-2022-2023

Value added course - 30 Hours

VALUE ADDED COURSE - 2022 - 2023				PAPER: INTRODUCTION TO CIVIL SERVICE		
VAE - EVEN SEMESTER - 2022 - 2023						
DATE	TIME	PORTION COVERED	REMARKS	SIGNATURE OF THE STAFF	SIGNATURE OF THE HOD	SIGNATURE OF THE PRINCIPAL
6.1.2023	2.00-4.00pm	Civil Service Introduction.		S.M. 6/1/23		
9.1.2023	3.00-4.00pm	Classification of Civil Service		S.M. 9/1/23		
18.1.2023	3.00-4.00pm	Bureau crony		S.M. 18/1/23		
19.1.2023	3.00-4.00pm	Types of Bureau crony.		S.M. 19/1/23		
25.1.2023	3.00pm-4.00pm	All Techn Services		S.M. 25/1/23		
27.1.2023	3.00-4.00pm	IT & E training.		S.M. 27/1/23		
3.2.2023	3.00-4.00pm	IFS - Training Process		S.M. 3/2/23		
25.2.2023	3.00-4.00pm	Recruitment Board.		S.M. 25/2/23		
27.2.2023	3.00-4.00pm	Scheme and Subject for It		S.M. 27/2/23		
6.3.2023	3.00-4.00pm	Packaging at main Boards.		S.M. 6/3/23		
7.3.2023	3.00-4.00pm	General Studies.		S.M. 7/3/23		
13.3.2023	3.00-4.00pm	UPSC - Board.		S.M. 13/3/23		
14.3.2023	3.00-4.00pm	MPSC - Board.		S.M. 14/3/23		
20.3.2023	3.00-4.00pm	State Services.		S.M. 20/3/23		
26.3.2023	3.00-4.00pm	SSC - commission.		S.M. 26/3/23		
28.3.2023	3.00-4.00pm	2 oral test.		S.M. 28/3/23		
29.3.2023	3.00-4.00pm			S.M. 29/3/23		

DATE	TIME	PORTION COVERED	REMARKS	SIGNATURE OF THE STAFF	SIGNATURE OF THE HOD	SIGNATURE OF THE PRINCIPAL
5/4/2023	3.00-4.00pm	Interview Process.		S.M. 5/4/23		
6/4/2023	3.00-4.00pm	Interview Techniques.		S.M. 6/4/23		
10/4/2023	2.00-4.00pm		Books Reference in Library.	S.M. 10/4/23		
11/4/2023	2.00-4.00pm			S.M. 11/4/23		
12/4/2023	2.00-4.00pm	Revision for Previous Examinations		S.M. 12/4/23		
13/4/2023	2.00-4.00pm	-	Books Reference in Library.	S.M. 13/4/23		
17/4/2023	2.00-4.00pm	-		S.M. 17/4/23		
18/4/2023	2.00-4.00pm	Work in Examination advertisement for UPSC and MPSC in Library.		S.M. 18/4/23		<i>(Signature)</i> signature of the Principal.



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



PG & RESEARCH DEPARTMENT OF ECONOMICS

Value Added 2022-2023



A.D.M.College for Women (Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4 th Cycle)

Nagapattinam

PG & Research Department of Economics

organize a

Value Added Course

on

ECONOMICS OF INSURANCE

Duration: 30 Hours

Date: 27.08.2022 to 05.11.2022

2022-2023

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 27.08.2022 to 5.11.2022 at 10.00am to 4.00pm.All the students utilize this course.



Signature of the 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

Value Added Course

Economics of Insurance

Name List of the students

S.NO	REG. NO	NAME
1.	20UE002	S.Jayapriya
2.	20UE003	J.Asha Sameera
3.	20UE 004	S.Preethi
4.	20UE005	P.Sakithi pariya
5.	20UE006	T.Visithra
6.	20UE007	B.sirajun Nisha
7.	20UE009	S.Mithunavathi
8.	20UE011	B.Ranjitha
9.	20UE012	G.Jothika
10.	20UE013	K.Hemalathe
11.	20UE014	A.Sarina
12.	20UE015	A.Arokia Hilda
13.	20UE016	K.Kaviya
14.	20UE017	A.Yuvaranjini
15.	20UE020	S.Ghouthu Nisha
16.	20UE021	S.Akilandaswari
17.	20UE022	D.Mothana Priya
18.	20UE023	P.Shalini
19.	20UE024	S.Karthika
20.	20UE025	A.Dashleema
21.	20UE026	J.Akilafairose
22.	20UE027	J.Induja
23.	20UE028	S.Sharulatha
24.	20UE029	S.Thanushiya
25.	20UE030	R.Ezhilarasi

26.	20UE031	S.Vishali
27.	20UE033	G.Tamilrasi
28.	20UE034	P.Kanishka
29.	20UE035	G.Ashdalakshim
30.	20UE036	A.Suganya
31.	20UE037	M.Mathinila
32.	20UE038	M.Kabila
33.	20UE040	K.Kaviya

Economics of Insurance

S.NO	DATE	Name	Topic	Students
1.	27.08.22	Dr.S.Rajeswari	Functions of Insurance	III B.A Economics
2.	03.9.2022	Dr.V.Viji Dr.S.Usha rani	Introduction of Insurance Life of Insurance corporation act 1956	III B.A Economics
3.	10.9.2022	Dr.R.L.Poonguzhali	Step in personal selling Underwriting of risk	III B.A Economics
4.	8.10.22	Dr.P.Sujatha Dr.V.Viji	Definitions features of Insurance Types of Insurance	III B.A Economics
5.	15.10.2022	Dr.V.Viji	Benefits of Insurance	III B.A Economics
6.	25.10.2022	Dr.R.kasthuri	Health Insurance	III B.A Economics
7.	29.10.2022	Mrs.P.Kavitha	Types of Insurance	III B.A Economics
8.	5.11.2022	Dr.R.Kasthuri	Features of monopoly	III B.A Economics

PG & RESEARCH DEPARTMENT OF ECONOMICS

EVEN SEMESTER



A.D.M.College for Women

(Autonomous)

**Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4 th Cycle)**

Nagapattinam

***PG & Research Department of
Economics***

organize a

Value Added Course

on

BASICS OF ECONOMICS

2022-2023

All are Cordially Invited

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.

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

CERTIFICATE COURSE NAME LIST

2022-2023

S.NO	REG NO	NAME OF THE CANDIDATE
1.	20UH002	G.Oviya
2.	20UH008	S.Saritha
3.	20UH010	K.Vanisri
4.	20UH011	V.Muthulakshmi
5.	20UH014	G.Srimathi
6.	20UBA115	N.Aafrin
7.	20UBA116	S.Ayish nooshin
8.	20UBA122	K.Hasifa
9.	20UBA144	G.Bhuvana sanmigi

S.NO	DATE	TITLE	HANDLING STAFF MEMBERS	PARTICIPANTS
1.	6.1.2023	Meaning, Nature and scope of Economics	Dr.R.Kasthuri	III B.A History, BBA
2.	7.1.2023	Concept of demand and supply	Dr.R.Kasthuri	III B.A History, BBA
3.	18.1.2023	Concept of cost and revenue	Dr.R.Kasthuri	III B.A History, BBA
4.	19.1.2023	Market structure	Dr.R.Kasthuri	III B.A History, BBA
5.	25.1.2023	Perfect and imperfect monopolist , oligopoly	Dr.R.Kasthuri	III B.A History, BBA
6.	27.1.2023	Concepts of national income	Dr.R.Kasthuri	III B.A History, BBA
7.	3.02.2023	Determinants of consumption saving investment	Dr.R.Kasthuri	III B.A History, BBA
8.	25.2.2023	Concepts of money	Dr.R.Kasthuri	III B.A History, BBA
9.	27.2023	Commercial banks and credit creation	Dr.R.Kasthuri	III B.A History, BBA
10.	6.3.2023	Central bank and its functions	Dr.R.Kasthuri	III B.A History, BBA
11.	7.3.2023	Budget-types	Dr.R.Kasthuri	III B.A History, BBA
12.	13.3.2023	Direct and indirect tax	Dr.R.Kasthuri	III B.A History, BBA
13.	14.3.2023	Development and non-development expenditure	Dr.R.Kasthuri	III B.A History, BBA
14.	20.03.2023	Measures of money supply	Dr.R.Kasthuri	III B.A History, BBA
15.	28.3.2023	Velocity of money	Dr.R.Kasthuri	III B.A History, BBA
16.	29.03.2023	Determination of price	Dr.R.Kasthuri	III B.A History, BBA
17.	5.4.2023	Inflation	Dr.R.Kasthuri	III B.A History, BBA

18.	6.4.2023	Deflation	Dr.R.Kasthuri	III B.A History, BBA
19.	10.4.2023	Causes of remedies	Dr.R.Kasthuri	III B.A History, BBA
20.	11.4.2023	Benefits of tax	Dr.R.Kasthuri	III B.A History, BBA
21.	2.4.2023	Types of expenditure	Dr.R.Kasthuri	III B.A History, BBA
22.	3.4.2023	Types of commercial banks	Dr.R.Kasthuri	III B.A History, BBA
23.	17.4.2023	GNP,GDP and NNP	Dr.R.Kasthuri	III B.A History, BBA
24.	18.4.2023	Methods of calculation of national income	Dr.R.Kasthuri	III B.A History, BBA



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



**A.D.M COLLEGE FOR WOMEN(AUTONOMOUS), NAGAPATTINAM
PG & RESEARCH DEPARTMENT OF CHEMISTRY
VALUE ADDED COURSE – BUSINESS SKILLS FOR CHEMISTRY
V SEMESTER- 2022- 2023**



A.D.M.COLLEGE FOR WOMEN

(AUTONOMOUS)

AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI
(NATIONALLY ACCREDITED WITH 'A' GRADE BY NAAC-4TH CYCLE)

NAGAPATTINAM

**PG & Research Department of
Chemistry**

organize a

Value Added Course

on

BUSINESS SKILL FOR CHEMISTRY

2022-2023

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
- 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>.

**VALUE ADDED COURSE – BUSINESS SKILLS FOR CHEMISTRY
2022-2023
STUDENTS ENTROLLED**

S.NO	REG.NO	NAME
1.	20UCH001	PAVITHRA.G
2.	20UCH002	SHALINI.P
3.	20UCH003	DATCHAYINI.D
4.	20UCH004	AJANTHA.K
5.	20UCH005	ARULJOTHI.R
6.	20UCH006	DHANYALINI.R.K
7.	20UCH007	JANANIS
8.	20UCH008	KARTHIKA.S
9.	20UCH009	ABITHA.K
10.	20UCH010	ABARNA.A
11.	20UCH011	KAVINILA.V
12.	20UCH012	BOOMIKA.V
13.	20UCH013	SIVAGNANAVALLI.S
14.	20UCH014	MUTHAMIZHARASI.V
15.	20UCH015	SNEHA.P.R
16.	20UCH016	VARSHINI.V
17.	20UCH017	BALAABIRAMI.R
18.	20UCH018	MEERA.V
19.	20UCH019	GNANASUNDARI.V
20.	20UCH020	SHARMILA.T
21.	20UCH021	MAHESHWARI.K
22.	20UCH022	YOGASRI.R
23.	20UCH023	MARIYA GLADY SERIN.J
24.	20UCH024	LAKSHANA.B
25.	20UCH028	RAJALAKSHMI.A
26.	20UCH029	ANJALI.K
27.	20UCH030	NANDHINI.K
28.	20UCH031	JEEVA.R

29.	20UCH033	SUBHA.R
30.	20UCH034	BAVITHRA.M
31.	20UCH035	ELAVARASI.E
32.	20UCH036	DIVYA.A
33.	20UCH037	PRIYA DHARSHINI.R
34.	20UCH039	KANISHKA.B
35.	20UCH040	ABITHA.M
36.	20UCH041	M.SNEHA
37.	20UCH042	ANUPRIYA.D.B
38.	20UCH043	SUGANTHINI.G
39.	20UCH044	SUBASRI.D

III B.SC CHEMISTRY-BUSINESS SKILL FOR CHEMISTRY (ODD SEMESTER)

S.NO	REG.NO	NAME	NAME OF THE STAFF
1	20UCH001	PAVITHRA.G	
2	20UCH002	SHALINI.P	
3	20UCH003	DATCHAYINI.D	
4	20UCH004	AJANTHA.K	
5	20UCH005	ARULJOTHI.R	
6	20UCH006	DHANYALINI.R.K	
7	20UCH007	JANANI.S	
8	20UCH008	KARTHIKA.S	
9	20UCH009	ABITHA.K	
10	20UCH010	ABARNA.A	
11	20UCH011	KAVINILA.V	
12	20UCH012	BOOMIKA.V	
13	20UCH013	SIVAGNANAVALLI.S	
14	20UCH014	MUTHAMIZHARASI.V	
15	20UCH015	SNEHA.P.R	
16	20UCH016	VARSHINI.V	

17	20UCH017	BALABIRAMI.R	Dr.N.Prabha & Mrs M.Sivagamasundari
18	20UCH018	MEERA.V	
19	20UCH019	GNANASUNDARI.V	
20	20UCH020	SHARMILA.T	
21	20UCH021	MAHESHWARI.K	
22	20UCH022	YOGASRI.R	
23	20UCH023	MARIYA GLADY SERIN.J	
24	20UCH024	LAKSHANA.B	
25	20UCH028	RAJALAKSHMI.A	
26	20UCH029	ANJALI.K	
27	20UCH030	NANDHINI.K	
28	20UCH031	JEEVA.R	
29	20UCH033	SUBHA.R	
30	20UCH034	BAVITHRA.M	
31	20UCH035	ELAVARASI.E	
32	20UCH036	DIVYA.A	
33	20UCH037	PRIYA DHARSHINI.R	
34	20UCH039	KANISHKA.B	
35	20UCH040	ABITHA.M	
36	20UCH041	M.SNEHA	
37	20UCH042	ANUPRIYA.D.B	
38	20UCH043	SUGANTHINI.G	
39	20UCH044	SUBASRI.D	



A.D.M. COLLEGE FOR WOMEN

(AUTONOMOUS)

**AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI
(NATIONALLY ACCREDITED WITH 'A' GRADE BY NAAC-4TH CYCLE)**

NAGAPATTINAM

**PG & Research Department of
Chemistry
organize a
Value Added Course
on
CHEMISTRY IN EVERY DAY LIFE**

2022-2023

SEMESTER- VI CHEMISTRY IN EVERY DAY LIFE		
Instruction Hours: 30	Credits: 2	Exam Hours: 3
Internal Marks -25	External Marks-75	Total Marks: 100

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.

Unit I	<p>WATER CHEMISTRY</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>(Content - 4 Hrs, Assessment - 2 Hrs) (6Hrs)</p>
Unit II	<p>AGRICULTURAL CHEMISTRY</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>(Content - 4 Hrs, Assessment - 2 Hrs) (6Hrs)</p>
Unit III	<p>FOOD CHEMISTRY</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>(Content – 4 Hrs, Assessment – 2 Hrs) (6Hrs)</p>
Unit IV	<p>INDUSTRIAL CHEMISTRY</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>(Content – 4 Hrs, Assessment – 2 Hrs) (6Hrs)</p>
Unit V	<p>MATERIAL CHEMISTRY</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>(Content – 4 Hrs, Assessment – 2 Hrs) (6Hrs)</p>

Text Book:

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

Reference Books:

1. AlexRamani, "Food Chemistry", MJP publishers (2009), Chennai.
2. Jayashree Gosh, "Text book of Pharmaceutical Chemistry" New Delhi, S. Chand & Company Ltd.,(2003).
3. K. BagavathiSundari , "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>.

PG & RESEARCH DEPARTMENT OF CHEMISTRY
VALUE ADDED COURSE - 2022-2023
STUENTS ENTROLLED

S.NO	REG.NO	NAME OF THE STUDENTS
1.	20UC018	B.ATCHAYA
2.	20UC041	C.PRIYADHARSHINI
3.	20UC043	R.AGALYA
4.	20UZ004	M.BHUVANESWARI
5.	20UZ007	A.MANISHA
6.	20UZ008	U.ARCHANA
7.	20UZ032	R.VAISHANAVI
8.	20UZ039	S.P.BHUVANESHWARI
9.	20UZ042	S.MATHARASI
10.	20UZ043	R.SANTHAPRIYA
11.	20UB101	R.NIVEDHA

S.NO	REG.NO	NAME	NAME OF THE STAFF INCHARGE
1	20UC018	B.ATCHAYA	Dr.N.Prabha& Dr.S.Surya
2	20UC041	C.PRIYADHARSHINI	
3	20UC043	R.AGALYA	
4	20UZ004	M.BHUVANESWARI	
5	20UZ007	A.MANISHA	
6	20UZ008	U.ARCHANA	
7	20UZ032	R.VAISHANAVI	
8	20UZ039	S.P.BHUVANESHWARI	
9	20UZ042	S.MATHARASI	
10	20UZ043	R.SANTHAPRIYA	
11	20UB101	R.NIVEDHA	



A.D.M College For Women

(Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS
VALUE ADDED COURSE (INTERDISCIPLINARY)**

2022-2023

PROGRAMMING IN R-LANGUAGE



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

***PG & Research Department of
Mathematics***

organize a

Value Added Course

on

PROGRAMMING IN R LANGUAGE

From 27.08.2022 to 01.11.2022

2022-2023

INTERNAL:40

SEMESTER:V

EXTERNAL:60

EXAMHOURS: 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; Barplots. Piecharts, Boxplots, 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 data frames.
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. Piecharts.
10. Boxplots for single and multiple group

SEMESTER V
Name List of the Students

S.No	RegNo.	Name
1.	20UM001	S.Keerthana
2.	20UM002	V.Sulthan Beevi
3.	20UM003	V.Kowsalya
4.	20UM004	N.Hemalatha
5.	20UM005	A.G.Priyangadevi
6.	20UM006	M.Pavithra
7.	20UM007	K.Ganga
8.	20UM008	K.Abinaya
9.	20UM009	A.Elakya
10.	20UM010	S.Samundeeswari
11.	20UM011	P.Divya
12.	20UM012	M.Sandhya
13.	20UM013	A.Swetha
14.	20UM014	A.Dhanalakshmi
15.	20UM015	P.Jayapriya
16.	20UM016	S.Subashini
17.	20UM017	K.Dhanalakshmi
18.	20UM018	V.Renu Sophiya
19.	20UM019	R.Sindhu
20.	20UM020	E.Yazhini
21.	20UM021	G.Kowsalya
22.	20UM022	P.Jansi
23.	20UM023	R.Anitha
24.	20UM024	T.Abinaya
25.	20UM025	V.Dhivyadharshini
26.	20UM026	D.Kalaivani
27.	20UM027	S.Vinotha
28.	20UM028	R.Rajasri
29.	20UM029	A.Geetha

30.	20UM030	R.Pramiladevi
31.	20UM031	N.Maalini
32.	20UM032	S.Narmatha
33.	20UM033	H.AaishaFathima
34.	20UM036	T.Indhumathi
35.	20UM037	R.Shivani
36.	20UM038	D.Seethalakshmi
37.	20UM039	G.Ruba
38.	20UM040	S.Suvetha Mano
39.	20UM041	Marzooqa .M
40.	20UM042	Birundha.R
41.	20UM043	Gayathri.G
42.	20UM044	R.SaiAishwarya
43.	18UM039	M.D.Sruthi lekha

Value Added Course - Programming in R Language

From 27.08.2022 to 01.11.2022

S.No	Date	Hour	Name of the Staff Incharge	Work Done
1.	27.08.2022	10.00 am – 12.00 pm (2 Hours)	Mrs.M.Prabavathy	Introduction about R Programming
2.	03.09.2022	10.00 am – 12.00 pm (2 Hours)	Mrs.U.Elayarani Assistant Professors of Mathematics	R Language Essentials: Expressions and objects. Assignments, creating vectors, vectorized arithmetic, creating matrices, operations on matrices, lists
3.	10.09.2022	10.00 am – 1.00 pm (3 Hours)		R language Essentials: data frames - creation, indexing, sorting and conditional selection; examples.
4.	24.09.2022	10.00 am – 1.00 pm (3 Hours)		R Programming: Loops
5.	29.09.2022	10.00 am – 1.00 pm (3 Hours)		Descriptive Statistics and Graphics: Bar plots, Pie charts, Box plots, Histogram Operations on vectors and matrices Creating and manipulating data frames.
6.	01.10.2022	10.00 am – 12.00 pm (2 Hours)		Mid Term Examination

7.	08.10.2022	10.00 am - 1.00 pm (3 Hours)		Writing user defined functions for finding median Writing user defined functions for finding factorial. Writing user defined functions for finding matrix addition
8.	15.10.2022	10.00 am - 1.00 pm (3 Hours)		Writing user defined functions for finding arithmetic mean Writing user defined functions for finding matrix multiplication.
9.	21.10.2022	10.00 am - 1.00 pm (3 Hours)		Bar charts. Pie charts. Box plots for single and multiple groups.
10.	29.10.2022	10.00 am - 1.00 pm (3 Hours)		Model Examinations
11.	31.10.2022	10.00 am - 11.00 am (1 Hour)		Revision for semester practical examination
12.	01.11.2022	10.00 am - 12.00 pm (2 Hours)		Model Semester Practical Examination

**VALUE ADDED COURSE (MULTIDISCIPLINARY)
SEMESTER VI
STATISTICAL PROGRAMMING USING SPSS
2022-2023**



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

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)
Nagapattinam

***PG & Research Department of
Mathematics***

organize a

Value Added Course

on

***STATISTICAL PROGRAMMING USING
SPSS***

From 18.01.2023 to 19.04.2023

2022-2023

INTERNAL:40

SEMESTER : VI

EXTERNAL:60

EXAMHOURS: 3

CREDIT:2

UnitI

BriefIntroductionaboutSPSSandBasicStatistics:OpeningaFile–DataView-VariableView–EnteringDataintotheDataEditor–SavingtheData File.

UnitII

EditingandManipulatingDatawithSPSS:InsertaNewVariable–Rearrangingtheorderofvariablesinvariableview –Deleting and Rearranging Items from the Viewer.

UnitIII

GraphsandCharts:BarCharts–SimpleBarCharts–ClusteredBarCharts–MultipleBarCharts–PieChart–Linegraphs–Histogram.

UnitIV

DescriptiveStatistics:MeasuresofCentral Tendency:ArithmeticMean –Median–Mode–**MeasuresofDispersion:**StandardDeviation–Skewness–Kurtosis.

UnitV

Correlation, Regression and Sample Test: Correlation and Regression Lines X on Y and Y onX-**ComparingAverages:ParametricandNon-ParametricTeststoCompareAverages:**T–testformeans–ChiSquaretestforgoodnessoffitwithSPSS.

BooksforStudy:

SPSSForYou, A.Rajathi&P.Chandran,MJPPublishers.

LabExercises:

1. Mean,MedianandMode
2. Standard Deviation
3. Simple BarDiagram
4. Multiple BarDiagram
5. Histogram
6. PieDiagram
7. Kurtosis
8. Skewness
9. Correlation
10. RankCorrelation
11. Regression
12. Pairedt -test
13. Chisquaretestfor goodnessoffit.

Name List of the Students

S.NO	PROGRAMME	REG.NO	NAME OF THE STUDENTS
1.	III B.Sc Physics	20UP104	K.MANSIKA
2.		20UP105	R.ABARNA
3.		20UP108	S.SIVARANJANI
4.		20UP109	M.PARAMESHWARI
5.		20UP110	R.AKILANDESHWARI
6.	III B.Sc Chemistry	20UCH001	G.PAVITHRA
7.		20UCH008	S.KARTHIGA
8.		20UCH010	A.ABARNA
9.		20UCH011	V.KAVINILA
10.		20UCH021	K.MAHESWARI
11.		20UCH023	J.MARIYA GLADYSERIN
12.		20UCH024	B.LAKSHNA
13.		20UCH028	A.RAJALAKSHMI
14.		20UCH030	K.NANDHINI
15.		20UCH033	R.SUBHA
16.		20UCH034	M.BAVITHRA
17.		20UCH035	E.ELAVARASI
18.		20UCH036	A.DHIVYA
19.		20UCH037	R.PRIYATHARSHINI
20.		20UCH039	B.KANISHKA
21.		20UCH040	M.ABITHA
22.		20UCH041	M.SNEHA
23.		20UCH043	G.SUGANTHINI
24.		20UCH044	D.SUBASRI
25.		III B.Sc Geology	20UG104
26.	20UG108		M.NARINA
27.	20UG109		E.DEVIKA
28.	20UG110		A.SARANYA
29.	20UG112		K.NITHYASREE
30.	20UG113		S.RASMEEN

31.		20UG114	G.ESTHER GEONIE
32.	III B.Sc Computer Science	20UCS113	V.YOGESHWARI
33.		20UCS116	S.BHUVANESHWARI
34.	III B.Sc Zoology	20UZ015	M.ANUSHA
35.	III B.Com	20UC014	E.ELAKKIYA
36.		20UC016	T.ATCHAYA
37.		20UC019	R.SOUNDHARYA
38.	III BA History	20UH007	M.JAYASRI
39.		20UH016	P.SOWPARNICA
40.		20UH030	B.BHARKAVI

PG&RESEARCHDEPARTMENTOF MATHEMATICS
MULTIDISCIPLINARY
Value Added Course Schedule
PAPER-STATISTICAL PROGRAMMING USING SPSS
18.01.2023 to 19.04.2023

S.No	Date	Hour	Name of the Staff handled the subject	Work Done
1.	18.01.2023	3pm to 4 pm (1 hour)	Mrs.M.Prabavathy Mrs.U.Elayarani Assistant Professors of Mathematics	Brief Introduction about SPSS and Basic Statistics: Opening a File – Data View - Variable View – Entering Data into the Data Editor – Saving the Data File. Lab Exercises: Mean, Median and Mode
2.	19.01.2023	3pm to 4 pm (1 hour)		Lab Exercises: Standard Deviation
3.	27.01.2023	3pm to 4 pm (1 hour)		Graphs and Charts: Bar Charts – Simple Bar Charts – Clustered Bar Charts – Multiple Bar Charts – Pie Chart – Line graphs - Histogram. Lab Exercises: 1. Simple Bar Diagram

4.	03.02.2023	3pm to 4 pm (1 hour)		Multiple Bar Diagram
5.	06.03.2023	3pm to 4 pm (1 hour)		Histogram
6.	07.03.2023	3pm to 4 pm (1 hour)		Pie Diagram
7.	13.03.2023	3pm to 4 pm (1 hour)		Kurtosis
8.	14.03.2023	3pm to 4 pm (1 hour)		Skewness
9.	20.03.2023	3pm to 4 pm (1 hour)		Correlation
10.	21.03.2023	3pm to 4 pm (1 hour)		Rank Correlation
11.	28.03.2023	3pm to 4 pm (1 hour)		Regression
12.	29.03.2023	3pm to 4 pm (1 hour)		Paired t – test
13.	05.04.2023	3pm to 4 pm (1 hour)		Mid Term Examination Batch – I 20 Students

14.	06.04.2023	3pm to 4 pm (1 hour)		Mid Term Examination Batch – II 20 Students
15.	10.04.2023	2pm to 4 pm (2 hours)		Chi square test for goodness of fit.
16.	11.04.2023	2pm to 4 pm (2 hours)		Chi square test for goodness of fit.
17.	12.04.2023	2pm to 4 pm (2 hours)		Practiced all programs
18.	13.04.2023	1.30 pm to 4.30 pm (3 hours)		Model Examinations
19.	17.04.2023	2pm to 4 pm (2 hours)		Revision for Semester Practical Examination
20.	18.04.2023	2pm to 4 pm (2 hours)		Revision for Semester Practical Examination
21.	19.04.2023	9.30 am to 12.30 pm (3 hours)		Model Semester Practical Examination



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



PG & RESEARCH DEPARTMENT OF COMMERCE 2022 -2023



A.D.M.College for Women (Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

PG & Research Department of Commerce

organize a

Value Added Course

on

DISASTER MANAGEMENT

"Be Disaster Aware; Take Action to Prepare"

From August 27th 2022 to November 24th 2022

2022-2023

Course Co-ordinators

Dr.R.Latha

Dr.R.Jamuna Devi

Mrs.V.Kokila

Ms.G. Marie Anisha

Dr.P.Aishwariya

Ms.P.Ramya

**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. - 2022 – 2023

Name List of the Students

(Aided)

Sl. No.	Register No.	Name of the Student
1.	20UC001	S.Rubiya
2.	20UC002	B.Ayisha Rifaya
3.	20UC003	T.Dhivyadharshini
4.	20UC004	N.Shihana
5.	20UC005	M.Bahiyya
6.	20UC006	A.Faheemah
7.	20UC007	M.Shaha Shafrin
8.	20UC008	V.Akshaya
9.	20UC009	A.Fathima Anika
10.	20UC010	S.Suganya
11.	20UC011	S.Divya
12.	20UC012	T.K.Poonguzhali
13.	20UC013	S.Varshini
14.	20UC014	E.Elakkiya
15.	20UC015	S.Boomika
16.	20UC016	T.Atchaya
17.	20UC017	H.Nushrath Fathima
18.	20UC018	B.Atchaya
19.	20UC019	R.Soundharya
20.	20UC020	F.Hallimathul Affrah
21.	20UC021	C.Rukkumeena
22.	20UC022	S.Faheema shafrin

(SF)

Sl. No.	Register No.	Name of the Student
1.	20UC101	S. Nusrath afra
2.	20UC102	J. Jenikasri
3.	20UC103	B. Reshma
4.	20UC105	N. Srevarshini
5.	20UC106	A.Hasfiya fathima
6.	20UC107	S. Jaseela
7.	20UC108	Z. Aneesa
8.	20UC109	T. Abirami
9.	20UC110	H. Rahmathnisha
10.	20UC111	S.Jameela
11.	20UC112	S.Anisa banu
12.	20UC113	H.Haseema safrena
13.	20UC114	H.Thaiyal nayagi
14.	20UC115	M. Alfiya
15.	20UC116	S.Sneha
16.	20UC117	S. Preetha
17.	20UC118	R. Praveena
18.	20UC119	S. Divya
19.	20UC120	V. Karpagambigai
20.	20UC121	M.K. Ryhthami
21.	20UC122	O. Sulthan saribah natchair
22.	20UC123	D. Abinaya

23.	20UC023	J.Jannathul Firthouse
24.	20UC024	Y.Tharani devi
25.	20UC025	K .Anandhapriya
26.	20UC026	K.Srileka
27.	20UC027	T.K.amirthavarshini
28.	20UC028	S.Saranya
29.	20UC029	J.Fazila
30.	20UC030	S.Sarmila
31.	20UC031	M.Mahalakshmi
32.	20UC032	T.Ghunasri
33.	20UC033	A.Musarath Mufridah
34.	20UC034	B.Nasira Beevi
35.	20UC035	M.shakeela Banu
36.	20UC036	I.Ruqayyah Faheemah
37.	20UC037	S.Nabilah Afrina
38.	20UC038	A.Sujitha
39.	20UC039	D.Mahalakshmi
40.	20UC040	J.Punitha
41.	20UC041	C.Priyadharshini
42.	20UC042	N.Bakiyalakshmi
43.	20UC043	R. Agalya
44.	20UC044	D.Priyadharshini
45.	20UC045	B.Fathima Thaslim
46.	20UC046	V.Guhasri
47.	20UC047	R.Bavatharani
48.	20UC048	M.Chinthiadevi
49.	20UC049	R.Shanmathi
50.	20UC050	E.Sandhiya
51.	20UC051	H.Nasreen Noorjahan

23.	20UC124	F. Fara
24.	20UC126	A.Shainy Infanta
25.	20UC127	A. Nathiya
26.	20UC128	R.Sasikala
27.	20UC129	A.Hass thalilulthabsira
28.	20UC130	H. Samina afrin
29.	20UC131	M. Farhana
30.	20UC132	R. Jeenathul ain
31.	20UC133	M. Habeeb nachiyar
32.	20UC134	M. Rama
33.	20UC135	A.Rehana sathika
34.	20UC136	M. Rashiga fairun
35.	20UC137	S. Rifaya
36.	20UC138	H. Syed kathija
37.	20UC139	J. Tahseena banu
38.	20UC140	S. Shaheena afrin
39.	20UC141	A.Haseemathul marliya
40.	20UC142	R.Santhiya
41.	20UC143	S.Srika
42.	20UC144	M.Nawfa
43.	20UC145	M.Udhayasurya
44.	20UC146	R.Dhanalakshmi
45.	20UC147	R.Bhuvana
46.	20UC148	A.Aasha
47.	20UC149	S.Sobika
48.	20UC150	M.Sivakamasundari
49.	20UC151	M.Sivasankari
50.	20UC152	S.Varsha
51.	20UC153	A.Asmath thowhitha

52.	20UC052	M.RasmiyaNiffras
53.	20UC053	A.Adithya
54.	20UC054	S.Rohini
55.	20UC055	H.Tamilzhini
56.	20UC056	S.Abarna
57.	20UC057	G.Muthuselvi
58.	20UC058	K.Swathi
59.	20UC060	G.Nishalini
60.	20UC061	M.Subasri
61.	20UC062	S.SamsulAfrin
62.	20UC063	M.S.Yuvasri
63.	20UC064	K.Senthamizhselvi
64.	20UC065	S.Dharani
65.	20UC066	K.Keerthika
66.	20UC067	J.Vidhya
67.	20UC068	R.Heera
68.	20UC069	Karkuzhali

52.	20UC154	M.Nowrine mifrina
53.	20UC155	Z.Afrini smath
54.	20UC156	A.Abinaya
55.	20UC157	M.Deepika
56.	20UC158	P.V.VijayaShanthi
57.	20UC159	M.Rilana afrin
58.	20UC160	M.Muhshina

CERTIFICATE COURSE – DISASTER MANAGEMENT
VALUE ADDED COURSE from: 27.08.2022 to 24.11.2022 - 30 Hours

S.No	DATE	Name of the Staff incharge	WORK DONE
1.	27.08.2022	Dr.R.Jamuna devi	Introduction to disaster management meaning definition, important
2.	10.09.2022		Plan for disaster management
3.	24.09.2022		Plan for disaster management
4.	08.10.2022		Managing relief measure
5.	15.10.2022		Types of disaster management
6.	09.11.2022		Types of disaster management
7.	12.11.2022		Impact of disaster management
8.	27.08.2022	Ms G.Marie Anisha	Introduction to natural disaster
9.	10.09.2022		Natural disaster Meaning,Definition
10.	15.10.2022		Types of natural disaster
11.	07.11.2022		Tsunamis and volcanic eruptions
12.	10.11.2022		Global warming and forest fires
13.	14.11.2022		Insect swarms
14.	03.09.2022	Ms.P.Ramya	Introduction to manmade disaster, technological hazards
15.	08.10.2022		Industrial hazards ,structural collapse, power outage
16.	29.10.2022		re disaster, hazardous ,materials ,radiation
17.	03.09.2022	Dr.P.Aishwarya	Introduction to disaster management meaning definition, local level
18.	24.09.2022		Government role in disaster management
19.	08.11.2022		Role of remote sensing disaster management
20.	10.11.2022		Components of disaster management, key factors
21.	12.11.2022		Cooperation and coordination managing disaster in coastal areas

22.	29.10.2022	Dr.R.Latha	Psychological impact of disaster
23.	05.11.2022		Principles of psychological impact
24.	03.11.2022		Specific intervention techniques
25.	14.11.2022		Stress reduction techniques
26.	23.11.2022		Relief and rehabilitation
27.	24.11.2022		Poverty reduction and disaster
28	05.11.2022		Mrs. V.Kokila
29	23.11.2022	Political disaster	
30	24.11.2022	Terrorism	

SEMESTER VI - E-BANKING
VALUE ADDED COURSE (MULTIDISCIPLINARY)



A.D.M.College for Women
(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

PG & Research Department of Commerce

organize a

Value Added Course

on

MULTI DISCIPLINARY

"E-Banking"

from January 06th 2023 to April 18th 2023

2022-2023

Course Co-ordinators

Dr.R.Latha

Dr.R.Jamuna Devi

Dr.M.Devika

Mrs.V.Kokila

Mrs.C.Dharani

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

**Value Added Course (Multi Disciplinary)
2022 - 2023**

Name List of the Students

S.No	Reg.No	Name of the Student
1.	20UE004	Preethi . S
2.	20UE009	Mithunavathi . S
3.	20UE014	Sarina . A
4.	20UE021	Akilandeswari.S
5.	20UE022	Mohana Priya.D
6.	20UE023	Shalini.P
7.	20UE024	Karthika.S
8.	20UE026	Akila Fairose.J
9.	20UE030	Ezhilarasi.R
10.	20UE031	Vishali.S
11.	20UE033	Tamilarasi.G
12.	20UE034	Kanishka.P
13.	20UE036	Suganya.A
14.	20UE037	Mathinila.M
15.	20UE038	Kabila.M
16.	20UE040	Kaviya . K
17.	20UBA101	Atchaya.P
18.	20UBA102	Keerthiga.D
19.	20UBA105	Mahathisai.V
20.	20UBA109	Sujitha.R
21.	20UBA118	Deepika.M
22.	20UBA125	Sangari.S
23.	20UBA128	Priyadharshini.R
24.	20UBA139	Divya.V

25.	20UBA145	Reema.M
26.	20UBA146	Suba.T
27.	20UCA102	Vishnupriya.L
28.	20UCA103	Kalaichelvi.S
29.	20UCA104	Hemalatha.P
30.	20UCA106	Pavithra.R
31.	20UCA108	Santhiya.D
32.	20UCA109	Yogeshwari.K
33.	20UCA112	Vinothini.S
34.	20UCA114	Asha.K.M

VALUE ADDED COURSE - (MULTI DISCIPLINARY)

E-Banking from: 06.01.2023 to 18.04.2023 - 30 Hours

S.No	DATE	Name of the Staff Incharge	WORK DONE
1.	06.01.2023	Dr.R.Jamuna devi	E-Banking security
2.	25.01.2023		Pass book entry
3.	03.02.2023		Introduction need for security
4.	13.03.2023		Security concepts
5.	10.04.2023		Otp,pin
6.	11.04.2023		Digital signature,issues and remedies
7.	07.01.2023	Mrs. V.Kokila	Need for paperless currency
8.	29.03.2023		Electronic delivery chennales
9.	05.04.2023		ATM
10.	11.04.2023		EFT
11.	12.04.2023		RTGS
12.	18.04.2023		Telebanking
13.	18.01.2023	Dr.M.Devika	E-Banking in india

14	25.02.2023		Basic requirements for e-banking
15	06.03.2023		Government initiation for cash less transaction
16.	14.03.2023 13.04.2023		POS, CDM, ATM, EFT, Book Entry
17	17.04.2023		Online Bill, Online Shopping
18	27.01.2023	Dr.R.Latha	Introduction of e Banking
19	27.02.2023		Merits demerits of e Banking
20	28.03.2023		Traditional Vs. E-Banking
21	08.04.2023		E Wallat
22	10.04.2023		Payment Gateway
23	19.01.2023	Mrs.C.Dharani	Pass Book Entry
24	20.03.2023		Pass Word Changing
25	12.04.2023		Online Bill Payment
26	17.04.2023		Online Shopping
27	18.04.2023		Ticket Booking



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

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



PG & RESEARCH DEPARTMENT OF ZOOLOGY

2022-2023

VALUE ADDED/ SHORT TERM CERTIFICATE COURSE



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli

(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

PG & Research Department of

Zoology

organize a

Value Added Course

on

AQUARIUM FISH KEEPING

From 23.07.2022 to 24.07.2022

2022-2023

CIRCULAR

PG and Research Department of Zoology is conducting a short term certificate course in “**AQUARIUM FISH KEEPING** in this odd Semester for the B.Sc Zoology students. Interested students can register their name at Zoology department on or before 06th July 2022. Our department staff members handle this short term certificate course from 23.07.2022 to 24.07.2022 at 4.00pm to 5.00pm.

A handwritten signature in green ink, appearing to read 'Madhu Jai-Jal', is written over a faint rectangular stamp.

Signature of the HOD

**PG & RESEARCH DEPARTMENT OF ZOOLOGY
SYLLABUS**

III B.Sc Zoology - V Semester - 2022-2023

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

Name List of the Students

S.NO	REG.NO	NAME OF THE STUDENTS
1.	20UZ001	S.Arthi
2.	20UZ003	P.Sivapriya
3.	20UZ004	M.Bhuvaneshwari
4.	20UZ005	J.Manisha
5.	20UZ006	G.Yoga
6.	20UZ007	A.Manisha
7.	20UZ008	U.Archana
8.	20UZ009	K.Prathesiya
9.	20UZ010	B.Jayaprabha
10.	20UZ011	R.Divya
11.	20UZ012	M.Sona
12.	20UZ013	C.Subasri
13.	20UZ014	S.Monisha
14.	20UZ015	M.Anusha
15.	20UZ016	J.Sineka
16.	20UZ017	B.Mahalakshmi
17.	20UZ018	V.Yamuna
18.	20UZ019	R.Arthi
19.	20UZ020	A.Abarna
20.	20UZ022	P.Poovizhi
21.	20UZ023	R.Aarthi
22.	20UZ025	P.Keerthika
23.	20UZ027	K.Keerthana
24.	20UZ028	P.Jesmina

25.	20UZ031	J.Josika
26.	20UZ032	R.Vaishnavi
27.	20UZ033	S.Sangavi
28.	20UZ034	K.Ganga
29.	20UZ035	S.Subalatha
30.	20UZ036	G.Manjumatha
31.	20UZ037	T.Gopika
32.	20UZ038	M.Sangeetha
33.	20UZ039	S.P.Bhuvaneswari
34.	20UZ042	S.Matharasi
35.	20UZ043	R.Santhapriya
36.	20UZ044	M.Haritha

VALUE ADDED COURSE - 2022-2023

SCHEDULE OF THE COURSE

S. NO	DATE	TITLE	HANDLINGSTAFF MEMBERS	PARTICIPANTS
1.	23.7.22	Introduction to Aquarium fish keeping.	Dr.S.Angelina Glorita Parimala	III B.Sc Zoology
2.	06.8.22	The potential Scope of Aquarium fish Industry as a cottage Industry.		III B.Sc Zoology
3.	14.8.22	Exotic and endemic species of aquarium fishes.		III B.Sc Zoology
4.	27.8.22	Biology of Aquarium fishes.		III B.Sc Zoology
5.	10.9.22	Common characters and sexual dimorphism of fresh water and marine .		III B.Sc Zoology
6.	17.9.22	Aquarium fishes such as Guppy, Molly, Sword tail, Gold fish, Angel fish, Blue morph, Anemone fish and Butterfly fish.		III B.Sc Zoology
7.	24.9.22	Food and feeding of Aquarium Fishes	Dr.S.Krishnaveni	III B.Sc Zoology
8.	08.10.22	Use of live feed organism.		III B.Sc Zoology
9.	15.10.22	preparation and composition of formulated fish feeds.		III B.Sc Zoology
10.	29.10.22	Fish Transportation- Live fish transport.		III B.Sc Zoology
11.	05.11.22	Fish handling, Packing and forwarding techniques.		III B.Sc Zoology

12.	12.11.22	Maintenance of Aquarium	Dr.S.Vanitha	III B.Sc Zoology
13.	14.11.22	General Aquarium maintenance.		III B.Sc Zoology
14.	23.11.22	setting up an Aquarium.		III B.Sc Zoology



A.D.M.College for Women

(Autonomous)

**Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)**

Nagapattinam

PG & Research Department of

Zoology

organize a

Value Added Course

on

VALUE ADDED SEA FOOD

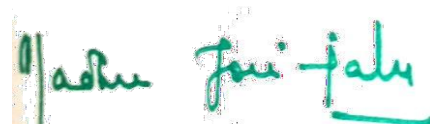
PREPARATION

from 06.01.2023 to 18.04.2023

2022-2023

CIRCULAR

PG and Research Department of Zoology is conducting a short term certificate course in “**VALUE ADDED SEA FOOD PREPARATION**” in this Even Semester for the B.Sc ,BA, BBA, B.Com students. Interested students can register their name at Zoology department on or before 01st January 2023. Our department staff members handle this short term certificate course from 06.01.2023 to 18.04.2023 at 4.00pm to 5.00pm.

A handwritten signature in green ink, appearing to read 'Jashu Jai-Jal', is positioned above the text 'Signature of the HOD'.

Signature of the HOD

A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM
PG AND RESEARCH DEPARTMENT OF ZOOLOGY
III UG – VI Semester – 2022-2023
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

Value Added Sea Food Preparation

NAME LIST OF THE STUDENT

S. No	Reg. No	Name of the student	Class
1.	20UHO12	S.JAYASEELA	BA., History
2.	20UHO17	M.SUSI	
3.	20UHO18	P.KAKIYAVATHI	
4.	20UHO19	A.AKALYA	
5.	20UHO20	K.HEMAVATHI	
6.	20UHO21	K.DURGADEVI	
7.	20UHO22	U.UTHAYAGEETHA	
8.	20UC061	M.SUBASRI	B.Com
9.	20UC067	J.VIDHYA	
10.	20UCHO03	D.DTYCHAYINI	B.Sc Chemistry
11.	20UCHO15	P.R.SNEHA	
12.	20UCHO16	V.VARSHINI	
13.	20UCHO19	V.GNANASUNDARI	
14.	20UCHO42	B.ANUSUYA	
15.	20UBA104	R.RHARASRI	BBA
16.	20UBA110	K.NARMATHA	
17.	20UBA117	S.SNEHA	
18.	20UBA132	S.SANTHIYA	
19.	20UBA133	R.NIVEDHA	
20.	20UBA137	E.KANIMOZHI	
21.	20UBA140	M.DIVYA	
22.	20UBA141	K.JAGATHEESHWARI	
23.	20UBA147	J.JAYADHARSHINI	
24.	20UBA148	R.ASVITHA	

Value Added Sea Food Preparation

S.No	Date	Portions covered	Handling staffs	Participants
1.	6.1.23	Fish Preservation Methods: Chilling- Freezing-Curing- Canning-	Dr.S.Angelina Glorita parimala	BA History B.Com B.Sc Chemistry
2.	9.1.23	Marinating-Boiling- Fermentation	Dr.S.Angelina Glorita parimala	
3.	18.1.23	Irradiation-Freeze- drying	Dr.S.Vanitha	
4.	19.1.23	Traditional Methods: Salting- Drying- Marinating- Fermentation	Dr.S.Angelina Glorita parimala	
5.	25.1.23	. Preserved seafood poisoning	Dr.S.Angelina Glorita parimala	
6.	27.1.23	Histamine poisoning.	Dr.S.Vanitha	
7.	3.2.23	Seafood poisoning of bacterial origin	Dr.S.Angelina Glorita parimala	
8.	25.2.23	<i>salmonella,</i> <i>staphylococcus,</i> <i>Botulism</i>	Dr.S.Angelina Glorita parimala	
9.	27.2.23	Pink spoilage	Dr.S.Vanitha	
10.	6.3.23	Dun spoilage of salted fish.	Dr.S.Angelina Glorita parimala	

11.	7.3.23	Preparation technique of Value added sea food	Dr.S.Angelina Glorita parimala
12.	13.3.23	Preparation technique of Value added sea food Lobster	Dr.S.Vanitha
13.	14.3.23	Preparation technique of Value added sea food Crab	Dr.S.Vanitha
14.	20.3.23	Preparation technique of Value added sea food Shrimp	Dr.S.Angelina Glorita parimala
15.	28.3.23	Preparation technique of Value added sea food Crayfish	Dr.S.Vanitha
16.	29.3.23	Preparation technique of Value added sea food Fish.	Dr.S.Vanitha
17.	5.4.23	Packaging of seafood products	Dr.S.Angelina Glorita parimala
18.	6.4.23	Types of Packaging Material	Dr.S.Vanitha
19.	10.4.23	Packaging of fresh fish	Dr.S.Vanitha
20.		Packaging frozen fish	
21.	11.4.23	Individually Quick	Dr.S.Vanitha

		Frozen (IQF) Products	
22.		Packaging of fish products	Dr.S.Vanitha
23.	12.4.23	Thermal process fish products	Dr.S.Angelina Glorita parimala
24.		Quality assessment of fishery products	Dr.S.Angelina Glorita parimala
25.	13.4.23	Quality Index method(QIM)	Dr.S.Angelina Glorita parimala
26.		Non- Sensory method	Dr.S.Angelina Glorita parimala
27.	17.4.23	Sensory method	Dr.S.Vanitha
28.		Biochemical methods	Dr.S.Vanitha
29.	18.4.23	Biological methods	Dr.S.Angelina Glorita parimala
30.		Physical methods.	Dr.S.Angelina Glorita parimala



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



DEPARTMENT OF BIOCHEMISTRY

VALUE ADDED COURSE (MULTI DISCIPLINARY) 2022-2023



A.D.M. College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli

(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

Department of Bio Chemistry

organize a

Value Added Course

on

LABORATORY SAFETY RULES

FROM: 04.09.2021 TO 18.12.2022

2022-2023

SYLLABUS 2022-2023

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

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

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

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

NAME LIST FOR VALUE ADDED COURSE

**LABORATORY SAFETY RULES
2022 to 2023 - ODD SEMESTER**

S.NO	REG. NO.	NAME OF THE STUDENT	TITLE OF THE PAPER
1	20UB101	R.NIVETHA	Laboratory Safety Rules
2	20UB102	A.SUMAIYA FATHIMA	Laboratory Safety Rules
3	20UB103	M.SUGAPRIYA	Laboratory Safety Rules
4	20UB104	B.SAMEERA ASHIKHA	Laboratory Safety Rules
5	20UB106	M.KAVIYA SRI	Laboratory Safety Rules
6	20UB107	K.GOKILA	Laboratory Safety Rules
7	20UB108	ADEEBA MOHAMED IDHRIS	Laboratory Safety Rules
8	20UB109	S.INDHUMATHI	Laboratory Safety Rules
9	20UB110	S.JUNAITHA AFRIN	Laboratory Safety Rules

VALUE ADDED COURSE – LABORATORY SAFETY RULES

2022-2023

VALUE ADDED COURSE

S.No	Name of the Staff In charge	Date	Portion Covered
1.	Ms.M.BHARATHI	13.8.2022 (2Hrs)	Identification of Hazard and Hazard Categorization Method for Elimination
		27.8.2022 (2Hrs)	Classification Of Chemical Hazardous Chemical Hazards 1. Laboratory Safety 2. Bulk Handling 3. Chemicals
		03-09-2022 (2Hrs)	Fire and Explosion Hazards fire detection, Prevention and control, Extinguishment 1. Industrial layout 2. Industrial Waste Management
		10-9-2022 (2Hrs)	Chemicals causing health Hazards Irritants, Asphyxiated, Anesthetics. Systemic poisons and carcinogen, chronic and acute exposure. Route of entry types of airborne contaminants
		8.10.2022 (2Hrs)	Re-Label any new transfer bottle.
		15.10.2022 (2Hrs)	Implement the proper procedure for responding to spills.

		5.11.2022 (2Hrs)	Spills Emergencies and Injuries. Development of Chemical Inventory Maintenance of a Chemical Inventory.
		3.11.2022 (2Hrs)	Classify a hazardous chemicals
		7.11.2022 (2Hrs)	Catagerization method for elimination of hazard
		8.11.2022 (2Hrs)	Handling of bulk chemicals
		9.11.2022 (2Hrs)	Anaesthetics systemic poisons and cacingens
		10.11.2022 (2Hrs)	Industrial waste management
		12.11.2022 (2Hrs)	Fire ditECTION,prevention control and extinguishment
		14.11.2022 (2Hrs)	Relable and new transfer
		23.11.2022 (2Hrs)	Chemical Inventory
		24.11.2022 (2Hrs)	Mantanance of chemical inventory

HOME CARE MANAGEMENT
2022 to 2023 – EVEN SEMESTER



A.D.M. College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

Department of Bio Chemistry
organize a
Value Added Course
on
HOME CARE MANAGEMENT

FROM: 26.02.2021 TO 28.05.2022
2022-2023

SYLLABUS FOR VALUE ADDED COURSE
HOME CARE MANAGEMENT
2022 to 2023 – EVEN SEMESTER

Semester-V / Short Time certificate course-II	HOME CARE MANAGEMENT	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

Unit I	FOOD SCIENCES: ICMR recommended basic five food groups. General composition and nutritive value of cereals; pulses and nuts; milk and meat products; vegetables and fruits. (6 Hrs)
Unit II	FOOD PRESERVATION: 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. (6 Hrs)
Unit III	COOKING AND COOKING METHODS: Cooking – preliminary preparations and objectives of cooking; methods of cooking; advantages and disadvantages of different cooking and cooking

	methods HEALTH AND NUTRITION EDUCATION: Introduction, nutrition and prevention of infection, safe drinking water, environmental sanitation. Immunization schedule (6 Hrs)
Unit IV	HOUSING AND INTERIOR DECORATION: Features to be considered in house construction - orientation grouping, roominess, lighting, ventilation, storage facilities, flexibility and safety. Flower arrangement - types of arrangement, selection of vases, flowers and accessories. Home furnishing – Selection, arrangement and care of furniture in different rooms, furnishing material, draperies and curtains, floor coverings and accessories. (6 Hrs)
Unit V	FAMILY RESOURCE MANAGEMENT: 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 . (6 Hrs)

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.

NAME LIST FOR VALUE ADDED COURSE
HOME CARE MANAGEMENT
2022 to 2023 – EVEN SEMESTER

PROGRAMME	S.NO	REG.NO	NAME OF THE STUDENTS
III B.Sc., ZOOLOGY	1.	20UZ019	R.Arthi
	2.	20UZ020	A.Abarna
	3.	20UZ023	R.Arthi
	4.	20UZ025	P.Keerthika
	5.	20UZ027	K. Keerthika
	6.	20UZ031	J.Josika
	7.	20UZ033	S.Sangavi
	8.	20UZ034	k.Ganga
	9.	20UZ035	S.Subalatha
	10.	20UZ037	T.Gopika
	11.	20UZ038	M.Sangeetha
	12.	20UZ044	M.Haridha
III – B.Voc SOFT WARE	13.	20VX001	P.Sahayasarlin dona
	14.	20VX002	N.Pathmapriya
	15.	20VX003	H.Rifaya afrin
	16.	20VX005	S.Safiya farveen
	17.	20VX006	V.Ilayanila
	18.	20VX008	M.Nithisha
	19.	20VX009	N.Swega
	20.	20VX010	P.Nageswari
	21.	20VX011	V.Saranya
	22.	20VX013	A.Ruhaina
	23.	20VX014	H.Rumana begam
	24.	20VX015	T.Gayathri
	25.	20VX017	D.Vishnupriya

	26.	20VX018	K.Sneka
	27.	20VX021	M.Saranya
III B.COM (SF)	28.	20UC113	H. HASEoma sagrena
	29.	20UC119	S Divya
	30.	20UC142	R-Santhiya
	31.	20UC150	M. Sivagamesundhevi
	32.	20UC151	M. Sivasayari
	33.	20UC152	S. Vousha
	34.	20UC153	A. Asmath thowhiths
	35.	20UC154	H. Nowrin myfrina
III B.Sc., COMPUTER SCIENCE	36.	20UCS121	R.Narmatha
	37.	20UCS122	P.Kabila
	38.	20UCS124	R.Suruthi
	39.	20UCS125	R.Sivaranjani
	40.	20UCS127	M.Prathiba
	41.	20UCS129	S.Rajarajeshwari
	42.	20UCS130	S.Krithika
	43.	20UCS133	M.Mahalakshmi
	44.	20UCS134	T.Priyanga Mathimaran
	45.	20UCS103	K.A.Priyadharshini
III B.Sc., GEOLOGY	46.	20UG101	J.Sybasree
	47.	20UG102	V.Mahalakshmi
	48.	20UG103	V.Deepika
	49.	20UG105	R.Swetha
	50.	20UG106	M.Gayathri

VALUE ADDED COURSE - HOME CARE MANAGEMENT

2022-2023

VALUE ADDED COURSE

S.No	Name of the Staff In charge	Date	Subject
1.	Ms.MBHARATHI	6-01-2023 (1Hrs)	ICMR Recommended five Food Groups 1. Cereals 2. Pulses 3. Nuts 4. Milk 5. Meat Products composition and Nutritional Value.
		07-01-2023 (1Hrs)	1. Fruit and Vegetable composition and Nutritional Values
		19.1.2023 (1Hrs)	2. Food Spoilage – Causes types of spoilage & Preventing Method.
		25-01-2023 (1Hrs)	Preservation of fruit, sugar , Jam, Jelly, Pickling. Types and spoilages encounter in Pickles.
		27-01-2023 (1Hrs)	Cooking – Preliminary methods of cooling
		3.02.2023 (1Hrs)	Preparation and objective of cooking.
		25-02-2023 (1Hrs)	Advantages and Disadvantages of different cooking and cooking method.
		27-02-2023 (1Hrs)	Introduction to Nutrition and Prevention of Infection

		06.03.2023 (1Hrs)	Safe Drinking Water.
		07-03-2023 (1Hrs)	Environmental Sanitation
		13.03.2023	Immunization Schedule Features of home Construction
		14.03-2023 & 20.03.2023 (2Hrs)	Orientation grouping, roominess, Lighting, Ventilation, Storage Facilities, flexibility and safety.
		28-03-2023 (1Hrs)	Types of Flower Arrangement and Accessories
		29.03.2023 (1Hrs)	Home furnishing Selection
		05.04.2023 (1Hrs)	Furniture in Different rooms Furnishing material
		06.04.2023 (1Hrs)	Floor Covering and Accessories.
		10-04-2023 (2Hrs)	Classification of family Resources management process. Planning controlling and Evaluation.
		11-04-2023 (2Hrs)	Time & Energy management
		12.04.2023 (2Hrs)	Importance of time & Energy.
		13.04.2023 (2Hrs)	Guidelines in Planning time Schedule

		17.04.2023 (2Hrs)	Types of Fatigue Way of Fatigue overcoming Fatigue.
--	--	------------------------------------	--



A.D.M College For Women

(Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



DEPARTMENT OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE (MULTI DISCIPLINARY)

2022- 2023



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

***Department of
Business Administrative***

organize a

Value Added Course

on

GOODS AND SERVICES TAX

FROM : 24.09.2022 TO 24.11.2022

2022-2023

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

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.

UNIT - I	INTRODUCTION TO GOODS AND SERVICES GST - Meaning - Salient Features - Advantages and Disadvantages.	6 Hours
UNIT - II	GST POWERS AND FUNCTIONS Structure of GST (Dual Model) - Central GST - State / Union Territory GST - GST Council - Powers and Functions	6 Hours
UNIT - III	REGISTRATION UNDER GST 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
UNIT - IV	PROCEDURE TO LEVY CGST, SGST Procedure relating to levy (CGST, SGST) - Scope of Supply, Time of Supply of Goods and Supply Services.	6 Hours

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

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

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

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

S. No	Reg. No	Name of the student	Class
1.	20UBA101	P. Atchaya	III- BBA
2.	20UBA102	D. Keerthiga	III- BBA
3.	20UBA104	R. Tharasri	III- BBA
4.	20UBA105	V. Mahathisai	III- BBA
5.	20UBA106	S. Soundarya	III- BBA
6.	20UBA107	M. Deepa	III- BBA
7.	20UBA109	R. Sujitha	III- BBA
8.	20UBA110	K. Narmadha	III- BBA
9.	20UBA111	S. Abinaya	III- BBA
10.	20UBA112	M. Abirami	III- BBA
11.	20UBA113	R. Narmadha Jayasri	III- BBA
12.	20UBA114	D. Sugarna	III- BBA
13.	20UBA115	N. Aafrin	III- BBA
14.	20UBA116	S. Ayisha Nooshin	III- BBA
15.	20UBA117	S. Sneha	III- BBA
16.	20UBA118	M. Deepika	III- BBA
17.	20UBA120	S. Pooviga	III- BBA
18.	20UBA121	S. Durga Vaishnavi	III- BBA
19.	20UBA122	K. Hasifa	III- BBA
20.	20UBA123	R. Nandhini	III- BBA
21.	20UBA125	S. Sangari	III- BBA
22.	20UBA126	D. Preetha	III- BBA
23.	20UBA127	S. Vinotha	III- BBA
24.	20UBA128	R. Priyadharshini	III- BBA
25.	20UBA130	S. Aarthi	III- BBA

26.	20UBA131	R. Kowsika	III- BBA
27.	20UBA132	S. Santhiya	III- BBA
28.	20UBA133	R. Nivetha	III- BBA
29.	20UBA135	R. Bhuvaneswari	III- BBA
30.	20UBA137	E. Kanimozhi	III- BBA
31.	20UBA139	V. Divya	III- BBA
32.	20UBA140	M. Divya	III- BBA
33.	20UBA141	K. Jagadeshwari	III- BBA
34.	20UBA143	S. Nivetha	III- BBA
35.	20UBA144	G. Bhuvanasanmugi	III- BBA
36.	20UBA145	M. Reema	III- BBA
37.	20UBA146	T. Suba	III- BBA
38.	20UBA147	J. Jayadharshini	III- BBA
39.	20UBA148	R. Asvitha	III- BBA

CERTIFICATE COURSE – GOODS AND SERVICES TAX
VALUE ADDED COURSE FROM: 24.09.2022 to 24.11.2022

S.NO	DATE	Name of the Staff in-charge	Work done
1.	24.09.2022	Mrs. M.Thamilmathi	Introduction to Goods and Services GST- Meaning, Definition
2.	03.09.2022		Features of GST
3.	10.09.2022		Advantages of GST
4.	24.09.2022		Disadvantages of GST
5.	08.10.2022		GST Powers and functions
6.	15.10.2022		Structure of GST (Dual model) Central GST
7.	29.10.2022		State/Union Territory GST, GST council
8.	03.11.2022		Procedure for Registration, persons liable for registration
9.	05.11.2022		Compulsory registration, deemed registration
10.	07.11.2022		Exempted goods and services, Rates of GST
11.	08.11.2022		Procedure to LEVY CGST, SGST
12.	09.11.2022		Scope of supply
13.	10.11.2022		Time of supply of goods and services
14.	12.11.2022		Inter-state supply, Intra-state supply
15.	14.11.2022		Value of taxable supply-computation of taxable value and tax liability
16.	23.11.2022		Procedure relating to levy GST
17.	24.11.2022		Zero rates supply



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

***Department of
Business Administrative
organize a
Value Added Course
on
E-BUSINESS***

***FROM : 06.01.2023 TO 18.04.2023
2022-2023***



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

DEPARTMENT OF BUSINESS ADMINISTRATION
VALUE ADDED COURSE II

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.

UNIT – I	Introduction: 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.	6 Hrs
UNIT – II	e-CRM Software: E-CRM - Meaning - Difference between CRM & e CRM - Features of e –CRM – e-CRM Software.	6 Hrs
UNIT – III	MS-office overview: MS-office overview - Data Entry - Graphs - Aggregate Functions - Formulas & Function Different No System & Conversion.	6 Hrs
UNIT – IV	Electronic Market: An Electronic Market place of buyers & Sellers - Collaborating on a distribution chain -online Catalog.	6 Hrs
UNIT – V	Internet: Lab Practical CIA - 10 Marks (Overview of the Internet, Browsing the world wide web, Electronic Mail).	6 Hrs

Text Books:

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

Reference Books:

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

VALUE ADDED COURSE-II - E- BUSINESS

2022 – 2023 EVEN SEMESTER

LIST OF STUDENT

S. No	Reg. No	Name of the student	Class
1.	20UC003	T. Divyadharshini	III-B.Com (A)
2.	20UC030	S. Sharmila	III-B.Com (A)
3.	20UC031	M. Mahalakshmi	III-B.Com (A)
4.	20UC039	D. Mahalakshmi	III-B.Com (A)
5.	20UC054	S. Rohini	III-B.Com (A)
6.	20UC064	K. Senthamizhselvi	III-B.Com (A)
7.	20UC065	S. Dharani	III-B.Com (A)
8.	20UC068	R. Heera	III-B.Com (A)
9.	20UC069	P. Karkuzhaly	III-B.Com (A)
10.	20UM002	V. Sulthan Beevi	III-B.Sc., Maths
11.	20UM003	V. Kowsalya	III-B.Sc., Maths
12.	20UM006	M. Pavithra	III-B.Sc., Maths
13.	20UM007	K. Ganga	III-B.Sc., Maths
14.	20UM009	A.Elakya	III-B.Sc., Maths
15.	20UM010	S. Samundeeswari	III-B.Sc., Maths
16.	20UM013	A.Swetha	III-B.Sc., Maths
17.	20UM014	A.Dhanalakshmi	III-B.Sc., Maths
18.	20UM015	P.Jayapriya	III-B.Sc., Maths
19.	20UM016	S.Subashini	III-B.Sc., Maths
20.	20UC103	B.Reshma	III-B.Com (SF)
21.	20UC105	N.Srevarshini	III-B.Com (SF)
22.	20UC109	T.Abirami	III-B.Com (SF)
23.	20UC114	M.Thaiyal Nayaki	III-B.Com (SF)
24.	20UC116	S.Sneha	III-B.Com (SF)
25.	20UC117	S.Preetha	III-B.Com (SF)
26.	20UC118	R.Praveena	III-B.Com (SF)

27.	20UC120	V.Karpagambigai	III-B.Com (SF)
28.	20UC121	M.K.Rhythami	III-B.Com (SF)
29.	20UC123	D.Abinaya	III-B.Com (SF)
30.	20UC126	A.Shainy Infanta	III-B.Com (SF)
31.	20UC127	A.Nathiya	III-B.Com (SF)
32.	20UC128	R.Sasikala	III-B.Com (SF)
33.	20UC134	M.Rama	III-B.Com (SF)
34.	20UC143	S.Srika	III-B.Com (SF)
35.	20UC145	M.Udayasurya	III-B.Com (SF)
36.	20UC146	R.Dhanalakshmi	III-B.Com (SF)
37.	20UC147	R.Bhuvana	III-B.Com (SF)
38.	20UC148	A.Aasha	III-B.Com (SF)
39.	20UC149	S.Sobika	III-B.Com (SF)
40.	20UC156	A.Abinaya	III-B.Com (SF)
41.	20UC157	M.Deepika	III-B.Com (SF)
42.	20UC158	P.V.Vijayashanthi	III-B.Com (SF)
43.	20VZ001	S.Beaula	III-B.Voc Marine
44.	20VZ003	G.R.Kanimozhi	III-B.Voc Marine
45.	20VZ005	S.Akalya	III-B.Voc Marine
46.	20VZ006	S.Abisha	III-B.Voc Marine
47.	20VZ007	I.Abitha Eswari	III-B.Voc Marine
48.	20VZ010	A.Samyuktha	III-B.Voc Marine

VALUE ADDED COURSE-II
E – BUSINESS
2022-2023

VALUE ADDED COURSE FROM: 06.01.2023 to 18.04.2023

S.NO	DATE	Name of the Staff in-charge	Work done
1.	06.01.2023	Ms. A. Saranya	Introduction- Basic Internet Fundamentals
2.	09.01.2023		Overview of the internet, browsing the world wide
3.	18.01.2023		Electronic mail, basics of using FTP
4.	19.01.2023		News groups, Market intelligence
5.	25.01.2023		Internet technology
6.	27.01.2023		E-CRM meaning
7.	03.02.2023		Difference between CRM & e-CRM
8.	25.02.2023		Features of e-CRM
9.	27.02.2023		e-CRM Software
10.	06.03.2023		MS-Office Overview
11.	07.03.2023		Data Entry, Graphs
12.	13.03.2023		Aggregate functions
13.	14.03.2023		Formulas and functions in MS-excel
14.	20.03.2023		Electronic market
15.	28.03.2023		Electronic market-place of buyers and sellers
16.	29.03.2023		Collaborating on a distribution chain
17.	05.04.2023		Online Catalog
18.	06.04.2023		Internet browsing
19.	10.04.2023		World wide web

20.	11.04.2023		Electronic mail
21.	12.04.2023		MS-Word Introduction
22.	13.04.2023		MS Power point
23.	17.04.2023		MS Access
24.	18.04.2023		MS Excel



A.D.M College For Women

(Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



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

PG DEPARTMENT OF COMPUTER SCIENCE



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli

(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

PG Department of Computer Science

organize a

Value Added Course

on

MULTIMEDIA TECHNOLOGY – I

FROM 13.08.2022 TO 25.11.2022

2022-2023

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 13.08.2022 to 25.11.2022 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 in a cursive style.

Signature of the HOD

CERTIFICATE COURSE
MULTIMEDIA TECHNOLOGY - I
(for the candidates admitted from the academic year 2022-2023)

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:

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



Signature of HOD

**VALUE ADDED COURSE
2022-2023
INDEX**

PROGRAMME	NUMBER OF STUDENTS ENROLLED
B.Sc., COMPUTER SCIENCE	29
B.C.A	11
Total	40

**VALUE ADDED COURSE 2022-2023
Name List**

PROGRAMME	S.NO	REG.NO	NAME OF THE STUDENTS
B.Sc., Computer Science	1.	20UCS101	R.Priyanka
	2.	20UCS102	V.Logshana
	3.	20UCS103	K.A.Priyadharshini
	4.	20UCS104	B.Grace Inees
	5.	20UCS105	S.Sultana Nathiya Mariyam
	6.	20UCS106	S.Fathima Irfana
	7.	20UCS107	M.Saranya
	8.	20UCS108	P.Janani
	9.	20UCS110	C.Iyswariya
	10.	20UCS111	V.Swetha
	11.	20UCS112	C.Priyadharshini
	12.	20UCS113	V.Yogeshwari
	13.	20UCS114	R.Subasri
	14.	20UCS115	E.Abinaya

	15.	20UCS116	S.Bhuvaneshwari
	16.	20UCS117	B.Faihana Sumaiya
	17.	20UCS119	R.Gayathri
	18.	20UCS121	R.Narmatha
	19.	20UCS122	P.Kabila
	20.	20UCS123	A.Ayesha
	21.	20UCS124	R.Suruthi
	22.	20UCS125	R.Sivaranjani
	23.	20UCS127	M.Prathiba
	24.	20UCS129	S.Rajarajeshwari
	25.	20UCS130	S.Krithika
	26.	20UCS132	Y.Ayisha Nachiyar
	27.	20UCS133	M.Mahalakshmi
	28.	20UCS134	T.Priyanga Mathimaran
	29.	20UCS135	M.Vaishnavi
B.C.A	30.	20UCA102	L.Vishnupriya
	31.	20UCA103	S.Kalaiselvi
	32.	20UCA104	P.Hemalatha
	33.	20UCA106	R.Pavithra
	34.	20UCA107	B.Kavinila
	35.	20UCA108	D.Santhiya
	36.	20UCA109	K.Yogeshwari
	37.	20UCA110	M.Priyanka
	38.	20UCA111	M.Gopika
	39.	20UCA112	S.Vinothini
	40.	20UCA114	K.M.Asha



Signature of HOD



VALUE ADDED COURSE
2022-2023

S.NO	DATE	TITLE	HANDLING STAFF MEMBERS	PARTICIPANTS
1.	13.08.2022	Matrix effect using time remapping	Mrs. K. Devi	III B.Sc., CS III B.C.A
2.	08.10.2022	Swinging text effect.	Mrs. K. Devi	III B.Sc., CS III B.C.A
3.	05.11.2022	Type animation.	Mrs. K. Devi	III B.Sc., CS III B.C.A
4.	17.11.2022	Cinematic title animation.	Mrs. R. AgilaDevi	III B.Sc., CS III B.C.A
5.	22.11.2022	Text animation	Mrs. R. AgilaDevi	III B.Sc., CS III B.C.A



Signature of HOD

VALUE ADDED COURSE 2022-2023

Name of the Staff In-charge	Date	Subject	Signature
Mrs. K. Devi	13.08.2022	Matrix effect using	
	27.08.2022	time remapping	
	03.09.2022		
	08.10.2022	Swinging text effect.	
	15.10.2022		
	29.10.2022		
	05.11.2022		
	12.11.2022	Type animation.	
Mrs. R. Agila Devi	14.11.2022	Cinematic title animation	
	16.11.2022		
	17.11.2022		
	22.11.2022	Text animation	
	24.11.2022		
	25.11.2022		



Signature of the HOD



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

PG Department of Computer Science

***organize a
Value Added Course***

on

***MULTIMEDIA TECHNOLOGY – II
FROM 20.12.2022 TO 19.04.2023
2022-2023***

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 20.12.2022 to 19.04.2023 at 03.00Pm to 04.00pm.All the students utilize this course.

A handwritten signature in green ink, appearing to read 'Ushul Jada', is written in a cursive style.

Signature of the HOD

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.

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

Course Outcomes:

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

VALUE ADDED COURSE

2022-2023

INDEX

PROGRAMME	NUMBER OF STUDENTS ENROLLED
III B.Com(A)	11
III B.Sc., Mathematics(A)	07
III B.Sc., Chemistry	11
III B.Sc., Zoology	05
III B.Com(SF)	11
III B.Sc., Physics	05
III B.A.,Tamil	02
Total	52

VALUE ADDED COURSE2022-2023**Name List**

PROGRAMME	S.NO	REG.NO	NAME OF THE STUDENTS
III B.Com(A)	1.	20UC002	AYISHA RIFAYA .B
	2.	20UC010	SUGANYA.S
	3.	20UC021	RUKKU MEENA.C
	4.	20UC023	JANNATHUL FIRTHOUSE.J
	5.	20UC042	BAKYALAKSHMI.N
	6.	20UC044	PRIYADHARSHINI.D
	7.	20UC046	GUHASRI.V
	8.	20UC047	BAVATHARANI.R
	9.	20UC048	CHINTHIADEVI.M
	10.	20UC049	SHANMATHI.R
	11.	20UC050	SANTHIYA.E
III B.Sc., Mathematics(A)	12.	20UM026	KALAIVANI.D
	13.	20UM031	MAALINI.N
	14.	20UM032	NARMATHA.S
	15.	20UM036	INDHUMATHI.T
	16.	20UM037	SHIVANI.R
	17.	20UM038	SEETHALAKSHMI.D
	18.	20UM040	SUVETHA MANO.S
III B.Sc., Chemistry	19.	20UCH002	SHALINI .P
	20.	20UCH004	AJANTHA .K
	21.	20UCH005	ARULJOTHI .R
	22.	20UCH006	DHANYALINI .R.K
	23.	20UCH007	JANANI .S
	24.	20UCH009	ABITHA.K
	25.	20UCH012	BOOMIKA.V
	26.	20UCH013	SIVAGNANAVALI.S

	27.	20UCH014	MUTHAMIZHARASI.V
	28.	20UCH020	SHARMILA.T
	29.	20UCH029	ANJALI.K
III B.Sc., Zoology	30.	20UZ001	ARTHI.S
	31.	20UZ014	MONISHA.S
	32.	20UZ022	POOVIZHI.P
	33.	20UZ028	JESMEENA.P
	34.	20UZ036	MANJU MATHA.G
III B.Com(SF)	35.	20UC101	NUSRATH AFRA S
	36.	20UC111	JAMEELA S
	37.	20UC122	SULTHAN SARIBAH NATCHIAR O
	38.	20UC129	HASSTHALIUL THABSIRA A
	39.	20UC130	SAMINA AFRIN H
	40.	20UC131	FARHANA M
	41.	20UC132	JEENATHUL AIN R
	42.	20UC140	SHAHEENA AFRIN.S
	43.	20UC141	HASEEMATHUL MARLIYA.A
	44.	20UC159	RILANA AFRIN M
III B.Sc., Physics	45.	20UC160	MUHSINA M
	46.	20UP101	SARANYA.A
	47.	20UP102	SATHIYA.S
	48.	20UP103	NANDHINI.K
	49.	20UP106	NANDHINI.C
III B.A.,Tamil	50.	20UP112	ARCHANAA.R
	51.	20UTA102	ISWARIYA.M
	52.	20UTA105	VARSHA.N



Signature of HOD



VALUE ADDED COURSE
2022-2023

S.NO	DATE	TITLE	HANDLING STAFF MEMBERS	PARTICIPANTS
1.	20.12.2022	Working with text	Ms.V.Muthu Sowmiya	III B.Com(A) III B.Sc., Mathematics(A) III B.Sc., Chemistry III B.Sc., Zoology III B.Com(SF) III B.Sc., Physics III B.A.,Tamil
2.	29.12.2022	Story Editing	Ms.V.Muthu Sowmiya	
3.	06.01.2023	Expert Tracking	Ms.V.Muthu Sowmiya	
4.	18.01.2023	Fill and Stroke	Ms.V.Muthu Sowmiya	
5.	03.02.2023	Wrap Text and Group Object	Mrs.C.Geetha	
6.	24.02.2023	Switching page orientation	Mrs.C.Geetha	
7.	07.03.2023	Transformation and Adding effects	Mrs.C.Geetha	
8.	14.03.2023	Convert to bitmap, 3D Effect	Mrs.C.Geetha	
9.	21.03.2023	Art Strokes and Distort	Mrs.C.Geetha	



Signature of HOD

VALUE ADDED COURSE 2022-2023

Name of the Staff In-charge	Date	Subject	Signature
Ms. V.Muthu Sowmiya	20.12.2022	Working with text	
	28.12.2022		
	29.12.2022	Story Editing	
	06.01.2023		
	18.01.2023	Expert Tracking	
	19.01.2023		
	03.02.2023	Fill and Stroke	
Mrs.C.Geetha	04.02.2023	Wrap Text and Group Object	
	24.02.2023		
	06.03.2023	Switching page orientation	
	07.03.2023		
	13.03.2023	Transformation and Adding effects	
	14.03.2023		
	20.01.2023	Convert to bitmap, 3D Effect	
	21.03.2023		
	28.03.2023	Art Strokes and Distort	
	29.03.2023		
	12.04.2023		



Signature of HOD



A.D.M College For Women

(Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



DEPARTMENT OF PHYSICS

VALUE ADDED CERTIFICATE COURSE (ODD & EVEN)

YEAR-2022-2023

Academic Year	Name of the Short Term Course Conducted	No.of Students	Instruction Hours
2022-2023	ODD- Everyday physics	10	30 Hours
	EVEN - Renewable Resources and Application of Solar Energy	05	30 Hours

VALUE ADDED CERTIFICATE COURSE (ODD)



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

Department of Physics

organize a

Value Added Course

on

EVERYDAY PHYSICS

From:13.08.2022-23.11.2022

2022-2023

Semester V / Value Added	EVERYDAY PHYSICS	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 & amp; 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, 6th 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 behindHome 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.

NAME LIST 2022-2023

S.NO	REG.NO	NAME OF THE STUDENTS	CLASS
1.	20UP101	A.Saranya	III B.Sc PHYSICS
2.	20UP102	S.Sathya	III B.Sc PHYSICS
3.	20UP103	K.Nandhini	III B.Sc PHYSICS
4.	20UP104	K.Mansika	III B.Sc PHYSICS
5.	20UP105	R.Abarna	III B.Sc PHYSICS
6.	20UP106	C.Nandhini	III B.Sc PHYSICS
7.	20UP108	S.Sivaranjani	III B.Sc PHYSICS
8.	20UP109	M.Parameshwari	III B.Sc PHYSICS
9.	20UP110	R.Akilandeswari	III B.Sc PHYSICS
10.	20UP112	R.Archana	III B.Sc PHYSICS

CERTIFICATE COURSE - EVERYDAY PHYSICS
VALUE ADDED COURSE From:13.08.2022-23.11.2022

S.NO	DATE	NAME OF THE STAFF INCHARGE	WORK DONE
1.	13.08.2022	Mrs.S.Aruljothi	Light bulb – Fan – Hair drier –
	27.08.2022		microwave ovens – Vacuum cleaners
	03.09.2022		Dishwasher
	10.09.2022		water heater
2.	08.10.2022	Ms.R.RUBASHRI	Installation & Maintenance of Solar Panel
	15.10.2022		Solar energy and its applications, Designing a
	29.10.2022		Solar Photovoltaic System, Installation of Solar
	03.11.2022		Panel
3.	05.11.2022	Dr.G.Swetha	One way and two ways switch board making,
	07.11.2022		Simple solar Basic principles -- fax machines.
	08.11.2022		Tape recorder – Taps – Lifts –Rockets
4.	12.11.2022	Dr.V.Porkalai	Cellular phones - mixer grinder Making a switch
	14.11.2022-		board with multiple points -- fixing a fuse –
	17.11.2022		soldering – P.C.B Preparation
			wiring – one lamp controlled by one switch/Two
	18.11.2022-		switches
	23.11.2022		Light making, and PCB designing and electric fuse connection

VALUE ADDED CERTIFICATE COURSE (EVEN)



A.D.M.College for Women

(Autonomous)

Affiliated to Bharathidasan University, Tiruchirappalli
(Nationally Accredited with 'A' Grade by NAAC-4th Cycle)

Nagapattinam

Department of Physics

organize a

Value Added Course

on

***RENEWABLE RESOURCES AND
APPLICATION OF SOLAR ENERGY***

From:06.01.2023-18.04.2023

2022-2023

**SYLLABUS
MULTI DISCIPLINARY
2022-2023**

Semester VI / Value Added(Multidisciplinary)	Renewable Resources and Application of Solar Energy	Course Code:-----
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	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)
Unit II	Power Potential: Hydroelectric Power Potential – India’s Power Scene – Gas- based

	<p>Generating Plants – Nuclear Power Programme – Renewable energy Sources – Energy Parameters - Energy efficiency and Conservation - New Technologies – Hydrogen Energy Systems – Fuel Cells – Biofuels.</p> <p>(Content- 4 Hrs, Assessment -2 Hrs) (6 Hrs)</p>
Unit III	<p>Environmental Awareness:</p> <p>Global Environmental Awareness – Kyoto Protcol- 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 Conversation 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.	20UM001	S.Keerthana	III B.Sc Mathematics
2.	20UM004	M.Hemalatha	III B.Sc Mathematics
3.	20UM005	A.G.Priyankadevi	III B.Sc Mathematics
4.	20UM008	K.Abinaya	III B.Sc Mathematics
5.	20UM011	P.Divya	III B.Sc Mathematics

Certificate Course

Renewable Resources and Application of Solar Energy

VALUE ADDED COURSE From: 06.01.2023-18.04.2023

S.NO	DATE	NAME OF THE STAFF INCHARGE	WORK DONE
1.	06.01.2023	Dr.V.Porkalai	Conservation and forms of Energy – Electric energy from Convention Sources –Thermal Plants (Coal Fueled)
	07.01.2023		
	18.01.2023		
	19.01.2023-		
	27.01.2023		
			Energy Reserves of India – Oil – Natural Gas –National Grid for Gas Distribution – Gas Conservation. Hydroelectric Power
	03.02.2023	Mrs.S.Aruljothi	Potential – India’s Power Scene – Gas- based Generating Plants – Nuclear Power Programme – Renewable energy Sources –
25.02.2023			
25.02.2023			

2.	27.02.2023		Energy Parameters - Energy efficiency and Conservation - New Technologies - Hydrogen Energy Systems - Fuel Cells - Biofuels.
3.	06.03.2023	Ms.R.Rubashri	Ocean Thermal Energy Conversion (OTEC). Global Environmental Awareness - Kyoto Protcol- Impact of Renewable of Renewable energy generation on environment - Solar energy - Wind energy - Biomass energy - Geothermal energy Solar Water Heating - Solar Distillation - Liquid bath Wax Meliter -Solar Wax Melter - Heating of Swimming Pool by Solar energy.
	07.03.2023		
	13.03.2023		
	14.03.2023		
4.	20.03.2023	Ms.S.Jothilakshmi	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
	28.03.2023		
	29.03.2023		
	05.04.2023		
	06.04.2023		
	10.04.2023- 12.04.2023		
	13.04.2023- 18.04.2023		- Plastic Solar Cells with Nanotechnology - Solar Photovoltaic in India.



A.D.M College For Women (Autonomous)

Nationally Accredited with A^o by NAAC (Cycle-IV)

Nagapattinam -611 001
TamilNadu.



DEPARTMENT OF TAMIL VALUE ADDED 2022-2023

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

2022 - 2023

DURATION: 30 HOURS

அ.து.ம மகளிர் கல்லூரி (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

பாட நோக்கம்:

1. மேலை மற்றும் தமிழ்நாட்டு சிந்தனையாளர்களின் சிந்தனைகளை கற்பித்தல்.
2. காந்தியடிகளின் சிந்தனைகளை அறியச் செய்தல்.
3. காரல் மார்க்சின் சிந்தனைகளை பயிற்றுவித்தல்.
- 4 அம்பேத்காரின் சிந்தனைகளை உணரச் செய்தல்.
5. பெரியார் மற்றும் அண்ணாவின் சிந்தனைகளை செயல்பாடுகளை மேற்கொள்ள ஊக்குவித்தல்.

அலகு 1

சிந்தனையில் விளக்கம்- மேலைநாட்டு சிந்தனையாளர்கள் -சாக்ரடீஸ்- ,அரிஸ்டாட்டில்-பிளாட்டோ தமிழில் சிந்தனையில் வளர்ந்த வரலாறு- திருவள்ளூர் சிந்தனைகள் -சித்தர்களின் சமூக சிந்தனைகள்- வள்ளலார் சிந்தனைகள். (6 மணிகள்)

அலகு 2

காந்தியடிகள் சிந்தனைகள்- அகிம்சை- சமயக் கோட்பாடு- பெண்கள் சமுதாய ஒற்றுமை- அரசியல் பொருளாதார விடுதலை. (6 மணிகள்)

அலகு 3

காரல்மார்க்ஸ் சிந்தனைகள்- மார்க்சிய கோட்பாடுகள் அவற்றின் வழி
சமூக பொருளாதார மாற்றங்கள். (6 மணிகள்)

அலகு 4

அம்பேத்கரின் சிந்தனைகள் அம்பேத்காரின் அனுபவங்களும்
இவற்றின் வழி உருவான சிந்தனைகளும் மதம் ஜாதி பற்றிய
சிந்தனைகள் அரசியல் அமைப்புச் சட்டம் இயற்றல் இவரின் பங்கு.
(6 மணிகள்)

அலகு 5

பெரியார் மற்றும் அண்ணா சிந்தனைகள்- மதம், கடவுள், மொழி, சாதி,
பெண்ணடிமை, சமுதாய ஏற்றத்தாழ்வு பற்றிய சிந்தனைகளும்
செயல்பாடுகளும் (6 மணிகள்)

பாடநூல்

சிந்தனையில் தமிழ்த்துறை குந்தவைவை நாச்சியார் கல்லூரி ,தஞ்சாவூர்
இயல் பதிப்பகம் 2017 .

பார்வை நூல்

1. காரல்மார்க்ஸ் வேசாமிநாத சர்மா.
2. வள்ளலார் கண்ட ஒருமைப்பாடு ம.பொ.சி.
3. பெரியாரின் சிந்தனைகள் மூன்று தொகுதிகள்வே. ஆனைமுத்து.
4. அறிஞர் அண்ணாவின் வாழ்வும் வாக்கும்சி.எம் ஏ பரிமளம்.
- 5 சத்திய சோதனைகாந்தியடிகள்,

இணைய முகவரி

<https://tamil.wikipidia.org>

கற்றல் விளைவுகள்

- 1 சிந்தனையாளர்களின் சிந்தனைகளை வாழ்வில் மேற்கொள்வர்.
2. காந்தியடிகளின் சிந்தனைகளை பின்பற்றி வாழ்வார்..
3. காரல்மார்க்ஸ் சிந்தனைகளை அறிந்து அதன்படி நடப்பர்.
4. அம்பேத்காரின் சிந்தனைகளை சட்டங்களை அறிவர்.
- 5 பெரியார் மற்றும் அண்ணாவின் சிந்தனைகளை மேற்கொண்டு பேச்சாளர் கவிஞர் எழுத்தாளராக ஆவார்..

NAME LIST -2022-2023

S.NO	REG.NO	NAME
1	20UTA101	V. JENIMAL
2	20UTA102	M. ISWARIYA
3	20UTA103	S. OMSAKTHIPRIYA
4	20UTA104	S. MONIKA
5	20UTA105	N. VARSHA
6	20UTA107	A. RITHIKA
7	20UTA108	G. MATHARSI
8	20UTA109	M. KAVIYA
9	20UTA113	K. SATHIYA
10	20UTA114	V. SANTHIYA
11	20UTA115	P. KARTHIGA DEVI
12	20UTA117	G. MALATHI
13	20UTA118	B. VITHYA

A.D.M COLLEGE FOR WOMEN (A) NAGAPATTINAM

Value Added Course 2022 – 2023

Date	Title	Handling Staff Member	Participation
27.08.2022 03.09.2022 10.09.2022 24.09.2022	சிந்தனையியல் அறிமுகம் விளக்கம்	Dr T.Vasugi Dr A.YogabethJona Mrs P.Gowri	III B.A.Tamil
08.10.2022 15.10.2022 29.10.2022 05.11.2022	காந்தியடிகள் சிந்தனைகள்	Dr K.Arumbu Dr R.StellaJayasri Dr V.Devi	III B.A.Tamil
03.11.2022 07.11.2022 08.11.2022 09.11.2022	காரல் மார்க்ஸ் சிந்தனைகள்	Dr R.Veera Dr M.StellaMary Dr A Yogabethjona	III B.A.Tamil
10.11.2022 12.11.2022 14.11.2022 23.11.2022	வள்ளலார் வரலாறு அம்பேத்கார் வரலாறு	Dr K.Arumbu Mrs P.Gowri Dr V.Devi	IIIB.A.Tamil

Signature is the In-Charge

Signature of the H.O.D

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

NAGAPATTINAM

**Affiliated Bharadhidasan University, Trichirapalli
(Nationally accredited with 'A' Grade by NAAC-3rd Cycle)**

DEPARTMENT OF TAMIL

Offers

VALUE ADDED COURSE

on

ஊடகவியல்

2022 - 2023

DURATION: 30 HOURS

அ. து. ம மகளிர் கல்லூரி (தன்னாட்சி), நாகப்பட்டினம்

தமிழ்த்துறை

ஊடகவியல்

(Value added course multidisciplinary For Other Major)

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

Course Objectives:

- ஊடகங்களின்பரிணாமவளர்ச்சியை ஊடகங்களின் தேவையை உணர்த்துதல்.
- ஊடகங்களை பயன்படுத்த பயன்கொள்ள பயிற்றுவித்தல்.
- ஊடகங்களில் பணிவாய்ப்பு பெற மாணவர்களை தயார்படுத்துதல்.
- தகவல்தொழில்நுட்பத்தின்பரிமாணங்களை அறிதல்.
- உலகளாவிய செய்திகளை உடனுக்குடன் அறிந்து இதழ்ப்பணிபுரிய ஊக்குவித்தல்.

Unit I	வானொலி (மேணிகள்) வானொலி செய்தி எழுதுதல் - நாடகம் - உரையாடல் - கலந்துரையாடல் - நேர்முகம் காணல் - அறிவிப்புகள் - நிகழ்ச்சித் தொகுப்புரை - நேர்முகவருணனை - விளம்பரம் - விளையாட்டுச் செய்திகள் - மருத்துவக்குறிப்புகள்.
Unit II	தொலைக்காட்சி (மேணிகள்) தொலைக்காட்சி: செய்தி எழுதுதல் - நாடகம் - உரையாடல் - கலந்துரையாடல் - நேர்முகம் காணல் - அறிவிப்புகள் - நிகழ்ச்சித் தொகுப்புரை - நேர்முகவருணனை - விளம்பரம் -

	விளையாட்டுச்செய்திகள் - மருத்துவக்குறிப்புகள்.
Unit III	திரைப்படம் (மேணிகள்) திரைப்படம்காட்சி அமைப்பிற்கு ஏற்ப உரையாடல் அறிவுரை - நட்பு - காதல் - மகிழ்ச்சி - அழகை - வெற்றிகளிப்பு - விளம்பரம்.
Unit IV	இதழ்களின் அமைப்பு செய்தியாளர் செய்தி (மேணிகள்) இதழ்கள் தொடங்குவதற்கு உரிய வழிமுறை, செய்தித்தாள்திரவாக அமைப்பு, செய்தியாளர் வகைகள், பண்புகள், பணிகள், கருவிகள், அடிப்படை விதிகள், செய்தி விளக்கம், செய்தியாவன, செய்திகளின் வகைகள், செய்தி மூலங்கள் உள்ளடக்கங்கள், செய்தி திரட்டுதல்.
Unit V	செய்தி நிறுவனங்களும் பேட்டியும் (மேணிகள்) முதல் செய்தி நிறுவனம், உலகச் செய்தி நிறுவனங்கள், இந்திய செய்தி நிறுவனங்கள், பேட்டி விளக்கம், பேட்டியின் வகைகள், பேட்டி நடத்துதல், பேட்டியாளர் செய்ய வேண்டியவை, செய்யக்கூடாதவை, குற்றச் செய்திகள், பல்வேறு வகையான செய்திகள், படங்களும் இதழ்களும்

Text Book:

1. மக்கள்தகவல்தொடர்பியல், கி. இராஜா

பாவைப்பள்ளிகேஷன்ஸ் 142, ஜானிஜான்கான்சாலை ராயப்பேட்டை சென்னை.

2. இதழியல்கலை, மா .பா .குருசாமி

பதிப்பகம், குருதேன்மொழிதாயன்பகம் வெதுதெரு ஏகேளம். ஜிதிண்டுக்கல்

Reference Books:

- 1.முனைவர்வீ.மோகன்,சாந்தாமக்கள்ஊடகத்தொடர்பியல்புதியபரிமாணங்கள்,மீடியாபதிப்பகம்,வீரமுத்துகார்டன்,ஆனையூர்அஞ்சல்மதுரை- 17.
2. முனைவர்வீ.மோகன்,சாந்தாமக்கள்ஊடகத்தொடர்பியல்அடிப்படைகள்,மீடியாபதிப்பகம்,வீரமுத்துகார்டன்,ஆனையூர்அஞ்சல்மதுரை -17.

e- Resources:

<https://ta.wikipedia.org/>

Course Outcomes:

On completion of the course the learner will be able

CO 1:	நிகழ்ச்சிதொகுப்பாளர்பணியில்சேரவாய்ப்புபெறுவர்.
CO 2:	செய்திதுறைநிகழ்வுகளையும்,மருத்துவக்குறிப்புகளையும்அறிந்துபயன்பெறுவர்.
CO 3:	விளம்பரத்துறையில்பணியில்அமர்வர்.
CO 4:	தகவல்தொடர்புதுறையில்பணியில்அமரவாய்ப்புபெறுவர்
CO 5:	இதழ்களின்உள்ளடக்கத்தைஅறிவர்.

NAME LIST -2022-2023

S.NO	REG.NO	STUDENT NAME
1	20UM012	M.SANDHYA
2	20UM019	R. SINDHU
3	20UM020	E.YAZHINI
4	20UM021	G.KOWSALYA
5	20UM023	R.ANITHA
6	20UM024	T.ABINAYA
7	20UM027	S.VINOTHA
8	20UM028	R.RAJASRI
9	20UM029	A.GEETHA
10	20UM039	G.RUBA
11	20UM042	R.BIRUNDHA

A.D.M COLLEGE FOR WOMEN (A) NAGAPATTINAM**Value Added Course 2022-2023****ஊடகவியல்**

Date	Title	Handling staff Member	Participation
06.1.23 07.1.23 08.1.23 09.1.23	வானொலிதொலைகாட்சி	Dr T.Vasugi Dr A.YogabethJona Mrs P.Gowri	III Maths
25.2.23 9.03.23 27.3.23 28.3.23	தொலைகாட்சி, திரைப்படம்	Dr K.Arumbu Dr A.YogabethJona Dr V.Devi	III Maths
5.4.23 6.4.23	இதழ்களின் அமைப்பும் செய்தியாளர்	Dr R.Veera Dr M.StellaMary	III Maths

8.4.23	செய்திகளும்	Dr A Yogabethjona	
11.4.23 12.4.23 17.4.23 18.4.23	செய்திநிறுவனங்களும்பேட்டியும்	Dr K.Arumbu Mrs P.Gowri Dr V.Devi	III Maths

Signature is the In-Charge

Signature of the H.O.D



A.D.M College For Women

(Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

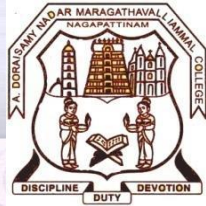
TamilNadu.



RESEARCH DEPARTMENT OF ENGLISH

Value Added

2022-2023



A.D.M.COLLEGE FOR WOMEN

(AUTONOMOUS)

NAGAPATTINAM

RESEARCH DEPARTMENT OF ENGLISH

ORGANIZES

Value Added Course

**OBJECTIVE ENGLISH FOR
COMPETITIVE EXAMINATIONS**

2022 – 23

Mrs. U.Sujatha
Miss. K.Merlin Gifta

Coordinators

Mrs.V.Kannaki
HOD

Dr.R.Anbuselvi
Principal i/c

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.

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

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.	20UEN101	R.Vijayalakshmi
2.	20UEN102	M.Susmitha
3.	20UEN103	V.Suguna
4.	20UEN104	A.Poojavarshini
5.	20UEN105	S.Haleemethus Sajitha
6.	20UEN108	A.Arisha
7.	20UEN109	J.Sulthana Nasriya
8.	20UEN110	M.Naffela
9.	20UEN111	E.Thulasika
10.	20UEN112	V.Barani
11.	20UEN113	P.Arunamuthu
12.	20UEN114	S.Sowmiya
13.	20UEN115	S. Kanmani
14.	20UEN116	J.John gretta

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.

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

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	20UE003	AYSHA SAMEERA . J
2	20UE007	SIRAJUN NISHA . B
3	20UC001	RUBIYA .S
4	20UC004	SHIHANA.N
5	20UC005	BAHIYYA.M
6	20UC006	FAHEEMAH.A
7	20UC007	SHAHA SHAFRIN.M
8	20UC008	AKSHAYA.V
9	20UC009	FATHIMA ANIKA.A
10	20UC011	DIVYA.S
11	20UC012	POONGUZHALI.T.K
12	20UC013	VARSHINI.S
13	20UC017	NUSHRATH FATHIMA.H
14	20UC020	HALLIMATHUL AFFRAH.F
15	20UC022	FAHEEMA SHAFRIN.S
16	20UC027	AMIRTHA VARSHINI.T.K
17	20UC029	FAZILA.J
18	20UC032	GHUNASHRI.T
19	20UC033	MUSARATH MUFRIDAH.A
20	20UC034	NAASIRA BEEVI.B
21	20UC035	SHAKEELA BANU.M
22	20UC036	RUQAYYAH FAHEEMAH.I
23	20UC037	NABILAH AFRINA.S
24	20UC038	SUJITHA.A
25	20UC040	PUNITHA.J
26	20UC045	FATHIMA THASLIM.B
27	20UC051	NASREEN NOORJAHAN.H

28	20UC052	RASMIYA NIFFRAS.M
29	20UC053	ADITHYA.A
30	20UC055	TAMILZHINI.H
31	20UC056	ABARNA.S
32	20UC057	MUTHUSELVI.G
33	20UC058	SWATHI.K
34	20UC060	NISHALINI.G
35	20UC062	SAMSUL AFRIN.S
36	20UC063	YUVASRI.M.S
37	20UC066	KEERTHIKA.K
38	20UM017	DHANALAKSHMI.K
39	20UM018	RENU SOPHIYA.V
40	20UM022	JANSI.P



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



DEPARTMENT OF GEOLOGY

VALUE ADDED COURSE 2022-2023



**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 Wiley 24

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.

List of Students

S.No	Register No.	Name of the Student
1	20UG101	SUBHASREE .J
2	20UG102	MAHALAKSHMI .V
3	20UG103	DEEPIKA .V
4	20UG104	DURGA .K
5	20UG105	SWETHA .R
6	20UG106	GAYATHRI .M
7	20UG108	NAVINA .M
8	20UG109	DEVIKA .E
9	20UG110	SARANYA .A
10	20UG112	NITHYASREE .K
11	20UG113	RASMEEN .S
12	20UG114	ESTHER GEONIE .G
13	20UG115	TAMIZHSELVI .M

Staff In-charge

S.No	Register No.	Name of the Student	Paper Handled by
1	20UG101	SUBHASREE .J	Ms.P.V.Daarani
2	20UG102	MAHALAKSHMI .V	
3	20UG103	DEEPIKA .V	
4	20UG104	DURGA .K	
5	20UG105	SWETHA .R	
6	20UG106	GAYATHRI .M	
7	20UG108	NAVINA .M	
8	20UG109	DEVIKA .E	
9	20UG110	SARANYA .A	
10	20UG112	NITHYASREE .K	
11	20UG113	RASMEEN .S	
12	20UG114	ESTHER GEONIE .G	
13	20UG115	TAMIZHSELVI .M	

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, Kringing 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

Students Nil